

Minutes of the 141st Meeting of the University Grants

Commission Held on 7Th & 8Th February 1973.

University Grants Commission
New Delhi

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

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MINUTES OF THE 141ST MEETING OF THE UNIVERSITY GRANTS
COMMISSION HELD ON 7TH & 8TH FEBRUARY 1973.

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The following were present:

Dr. George Jacob	-	Chairman
Professor Satish Chandra	-	Vice-Chairman
*Shri I.D.N. Sahi	-	Member
Professor R.S. Sharma	-	Member
Professor Rais Ahmed	-	Member
Professor S. Gopal	-	Member
Professor M. Santappa	-	Member
Dr. K.C. Naik	-	Member
Professor B.M. Udgaonkar	-	Member
*Dr. Amarjit Singh	-	Member
Shri K.T. Chandy	-	Member
Shri R.K. Chhabra	-	Secretary

* Attended on 7th February 1973 only

SECRETARIAT

Dr. D. Shankar Narayan	-	Addl. Secretary
Dr. R.C. Gupta	-	Joint Secretary
Dr. R.D. Deshpande	-	Joint Secretary
Dr. S.K. Dasgupta	-	Development Officer
Shri S. Viswanath	-	Development Officer
Dr. G.S. Mansukhani	-	Development Officer
Dr. (Mrs.) V. Mazumdar	-	Development Officer
Shri P.G.N. Nampoothiri	-	Finance Officer

Apology for absence was received from Shri M.R. Yardi.

Dr. George Jacob, Chairman, welcomed the members of the Commission constituted under the UGC (Amendment) Act, 1972. He felt that since this was the first meeting of this Commission, it may be desirable to have a general discussion on the policies and the patterns of assistance followed by the University Grants Commission for development of higher education, before taking up for consideration the items on the agenda. The members welcomed the suggestion. A summary of the discussions is given at Appendix I.

Item No.1: To receive the minutes of the meeting of the Commission held on 6th December 1972.

The minutes of the 140th meeting of the Commission held on 6th December 1972, already circulated, were confirmed.

The Commission desired that in future action taken on the minutes of a meeting may be placed on the table at the time of the next meeting of the Commission.

- Item No.2: (a) To approve the action taken on certain matters.
(b) To receive the items of information.

(a) The Commission approved the action taken on items listed in Appendix II*.

(b) This was noted.

Arising out of item 2(b)(5), the Commission desired that at one of its later meetings, an item may be brought up for discussion relating to "student unrest".

- Item No.3: To approve the statement of grants released after the last meeting of the Commission held on 6th December 1972.

The Commission approved the grants released after the last meeting held on 6th December 1972 (Appendix III*).

- Item No.4: To receive the statement of expenditure incurred by the U.G.C. during 1972-73 (upto 31st December 1972).

This was noted.

- Item No.5: To receive the minutes of the third meeting of the Steering Committee of the Conference on Mathematics Education and Research held on 19th December 1972.

This was noted.

- Item No.6: To receive the minutes of the third meeting of the Committee on the Effective Utilisation and Maintenance of scientific equipment in universities and colleges and to look after the training programmes for laboratory and workshop technicians held on 16th December 1972.

This was noted.

- Item No.7: To receive a summary of the report on the Southern Regional Conference on Teaching and Research in Life Sciences held at Bangalore on 18th and 19th November 1972..

This was noted.

- Item No.8: To receive a note regarding setting up of an Institute of Physics at Bhubaneswar by the Orissa State Government..

This was noted.

- Item No.9: To receive the minutes of the meeting of the Standing Committee on New Universities and University Centres held on the 1st January 1973.

It was agreed that the items may be referred back to the standing committee, (to be re-constituted), on new universities and postgraduate centres. The committee may be requested to review the present position and to suggest guidelines and criteria for the establishment of new universities and postgraduate centres.

Item No.10: To consider the report of the Committee appointed to examine the proposal of the University of Saugar for setting up a unit in Educational Sociology in the University Department of Anthropology and Sociology.

The Commission desired that additional information may be obtained regarding the research programmes of the department and the staff already appointed and the matter brought up before the Commission at its next meeting.

Item No.11: To consider the report of the Expert Committee to examine the proposal of the Bombay University for the establishment of the Departments of Microbiology and Bio-Chemistry in the Biological Sciences Division.

The Commission accepted the recommendations of the expert committee with regard to setting up of a Division of biological sciences in the Bombay University. The Commission desired that the university be requested to appoint the staff as recommended and develop the courses of study, etc. This could be treated as advance action and the expenditure on such staff be met out of the fourth plan allocation on the usual terms and conditions. This would help in necessary preparation for implementation of the programmes during the fifth plan period.

Item No.12: To consider the reports of the Expert Committee appointed to examine the proposals of the S.D. College, Muzaffarnagar and D.A.V. College, Muzaffarnagar, for the development of their postgraduate science departments.

The Commission accepted the recommendations of the expert committee which examined the proposals of S.D. College, Muzaffarnagar and D.A.V. College, Muzaffarnagar, for the development of postgraduate science departments. The Commission desired that the recommendations made by the Committee be brought to the notice of the two colleges and they be requested to set up a coordination committee for implementation of these recommendations. It was noted that the grants recommended would be made available subject to the colleges implementing this suggestion.

Item No.13: To consider the report of the Committee appointed by the U.G.C. to examine the proposal of Nanak Chand Anglo Sanskrit College, Meerut, for the development of its postgraduate departments in the Humanities and Social Sciences.

The Commission accepted the report of the committee appointed to examine the proposal of Nanak Chand Anglo-Sanskrit College, Meerut, for the development of postgraduate studies in humanities and social sciences, and agreed to provide the following assistance on the usual terms and conditions:

	<u>Commission's contribution</u>
1. 4 Lecturers (one each for Hindi, History, Political Science and Sociology)	50% of the expenditure upto the end of the 4th plan period.
2. Construction of six class rooms (floor area 4,962 sq.ft.).	50% of the estimated cost of Rs.72,825.

Item No.14: To consider the report of the Committee appointed by the U.G.C. to examine the proposal of College of Education, Khiroda, for assistance towards the development of its Teachers' Training Programme during the 4th plan period.

The Commission accepted the report of the Committee appointed to examine the proposal of the College of Education, Khiroda, and agreed to provide a total grant not exceeding Rs.2 lakhs for the following purposes:

- (a) Construction of Principal's quarter;
- (b) Construction of teachers' hostel; and
- (c) Purchase of books and journals.

Item No.15: To consider the report of Expert Committee appointed to examine the proposal of the V.O. Chidambaram College, Tuticorin (Madurai University) for the development of its postgraduate department of chemistry during the 4th plan period.

The Commission accepted the recommendations of the committee and agreed to provide the following grants for the development of the postgraduate department of chemistry of the V.O. Chidambaram College, Tuticorin (Madurai University):

<u>Purpose</u>	<u>Expenditure approved</u>	
	<u>Total</u> Rs.	<u>UGC's share</u> Rs.
1. Lab. fittings & furniture.	40,000	20,000
2. Lab. equipment.	80,000	60,000
3. Books & journals.	28,000	21,000
4. Workshop shed.	10,000	5,000
5. Workshop equipment.	10,000	7,500
Total N.R.	<u>1,68,000</u>	<u>1,13,500</u>

Recurring:

One Mechanic/Glass Blower for workshop in the scale of Rs.150-10-250,

Expenditure to be shared on 50% basis upto 31.3.74. Thereafter, the entire expenditure to be met by the college.

Item No.16: To consider the recommendations of the Committee appointed by the Commission to prepare a scheme for administrative training for senior staff in universities.

The Commission accepted the recommendations of the Committee and welcomed the need of organising All-India and regional level institutes for university administrators. It was further agreed that a small group be organised under the chairmanship of Shri K.T.Chandy for preparation of suitable teaching material and organisation of such institutes.

Item No.17: To consider the recommendations made by the Pre-Institute Orientation Meeting of the Directors of Indo-British Summer Science Institutes, Nuffield Material 'A' level - for College teachers 1973 held on January 6, 1973.

The Commission accepted the following recommendations made at the pre-institute orientation meeting of the Directors of Indo-British Summer Science Institutes, Nuffield Material 'A' level - for College teachers 1973:

- (i) Provision of Rs.1,000 to each Nuffield Institute for purchase of cup boards for special storage of equipment obtained from the U.K.
- (ii) An additional amount of Rs.500 be provided for laboratory assistance, technicians, demonstrators, etc. in the case of summer institutes in biology, chemistry and physics.
- (iii) Provision for subscription of any two journals in the specified fields for a period of two years to each participant (List of journals will be circulated to the institutes).
- (iv) Provision of an honorarium of Rs.200 to the ex-participants out of five best participants who would be working as a member of the faculty during the summer institutes.
- (v) Provision for reference books for library be increased from Rs.1,000 to Rs.2,000.

Item No.18: To consider the proceedings of the meeting of the Committee appointed by the UGC to consider the question of holding voluntary national examinations in physics and chemistry.

The Commission deferred consideration of this matter and desired that the matter may be brought up again together with other recommendations on examination reform. The members were requested to make their suggestions, if any, in this regard.

Item No.19: To consider the recommendations of the Advisory Committee on Summer Institutes for Social Sciences subjects made at their meeting held on January 15, 1973.

The Commission accepted the recommendations of the advisory committee regarding the location of the summer institutes in humanities and social sciences as given in Appendix IV. The Commission further desired that the possibility of organising similar institutes in the field of sociology/social anthropology may be explored.

Item No.20: To consider the suggestions made by the Department of Science and Technology, Government of India, for evolving a coordinated policy for research fellowships and grants to the universities by the central agencies with a view to ensuring the optimum use of the resources in this field.

The Commission desired that the Department of Science and Technology be informed that the Commission's policy for award of scholarships and fellowships was under review and they would be

informed of the decision in due course. The Commission desired that the question of policy for award of fellowships and scholarships may be referred to the standing committees being constituted on research. In this connection, it was noted that pending this, the present practice of award of scholarships/fellowships may continue.

Item No.21: To consider the proposal received from the Government of Mysore for the establishment of a University of Agricultural Sciences at Dharwar.

The Commission desired that this may be referred to the Standing Committee on New Universities.

Item No.22: To receive a note on the amendments of the Acts of the Universities.

This was noted.

Item No.23: To receive a note on the Gujarat University Act (Amendment Bill).

This was noted.

It was agreed that if there were any specific points which needed to be brought to the notice of the Gujarat Government, the Chairman may do so.

Item No.24: To consider a reference received from the Government of Madhya Pradesh for the establishment of a State University Commission in Madhya Pradesh.

Item No.25: To consider the proposals of the Delhi University:

- i) To provide assistance to the Colleges for items such as Braille typewriter, Braille Dictionary and Cassette Recorder for the blind students.
- ii) Regarding utilisation of Ford Foundation Assistance.

Item No.26: To consider the proposals of Banaras Hindu University:

- i) To construct an auditorium under the Students Amenities Scheme.
- ii) For financial assistance for the project entitled "Magnetospheric Investigations by Multisatellite Low Latitude Whistlers and VLF emissions" of Dr. B.A.P.Tantri, Professor and Head of the Department of Physics.
- iii) For a grant of Rs.1,20,000 for the printing and publication of Historical Grammar of Hindi Language.
- iv) For strengthening facilities for teaching of foreign languages.
- v) For financial assistance for the project entitled "Mechanism recombination in Eukaryotes" of Dr. S.K. Sen, Head of the Department of Genetics and Plant Breeding, Faculty of Agriculture.
- vi) For establishing Raja Ram Mohan Roy Chair.

Consideration of the above three items was postponed.

Item No.27(i): To consider the proposal of the Aligarh Muslim University for the appointment of Dr. O.Siddiqi, Tata Institute of Fundamental Research, Bombay in the department of botany, as a Visiting Professor.

The Commission desired that a committee be appointed to review the guidelines prescribed by the Commission for appointment of visiting professors in the universities.

Item No.27(ii): To consider the proposal of the Aligarh Muslim University for providing additional staff for water supply scheme for the Medical College and Hostel.

Consideration of this was postponed.

Consideration of item nos.28 to 46 could not be taken up and was therefore postponed.

Item No.47: To consider the question of participation in the ILO-University meeting on workers education in Manila, Phillipines.

The Commission desired that the Chairman, UGC, be requested to participate in the ILO-University meeting on "Workers Education" in Manila, Phillipines, proposed to be held in March 1973.

Consideration of Item nos. 48 to 52 could not be taken up and was therefore postponed.

Item No.53: To note the date and place for next meeting of the Commission.

It was noted that the next meeting of the Commission will be held in Delhi on March 7, 1973.

Sd/- R.K. Chhabra
Secretary

Sd/- George Jacob
Chairman

Summary of discussions at the meeting of the
Commission held on 7th-8th February, 1973.

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The Chairman desired that the new Commission may in the first instance acquaint itself with various programmes and procedures so far followed in the evolution of the work of the University Grants Commission and attempt at a critical evaluation of what has been done. This would help in identifying the procedures and the impact of the various activities undertaken so far and to give necessary directions in which these could be made more effective.

In this connection, the Chairman particularly referred to the existing regional imbalances with regard to:

- (a) Opportunities for higher education;
- (b) Enrolments at different levels;
- (c) Facilities for research; and
- (d) Opportunities for socially and economically backward sections of the society.

He was of the view that the UGC's grant-giving function should be the means to the realisation of its declared function of coordination and improvement of standards of higher education. While it would be desirable to spend substantial amounts out of the funds of the Commission, based on definite norms, applicable to the entire system uniformly, it would be desirable to take note of unequal developments in the different regions and devise methods by which these could be set right. The other schemes directed specifically towards improvement of quality and identifying and helping growth of pace-setting institutions or departments to bring about a process of change for better and more desirable goals of higher education should be based on the capacity and merit of each institution. The Commission could therefore establish suitable priorities and rates of expenditure for these two sets of objectives. He also referred to the need for establishing flexible guidelines for distribution of grants for these purposes so that the UGC's role as a catalyst could be emphasised. The UGC should also establish useful inter-faces with other agencies concerned with specialised activities related to higher education and research so that the universities could establish meaningful links with community needs. This would help in the development of a new perspective for the universities not only as instruments of furthering knowledge but also as instruments of change. During the discussions, the following points emerged:

University Research

The support available for university research so far has been inadequate. The support for research and the programme for this purpose should change according to the emerging problems. The universities have now reached a stage of certain optimum infrastructure required for research programmes and should therefore be provided funds for taking up individual and group research activities on problems which can make a contribution to national development. The university research should have an identifiable proportion of R&D effort which should be linked with the national science and technology plan during the fifth plan period. This would help in bringing together the university education and research effort, production and industrial development (EPR and D) to support each other and could bring to the university system the resources from the industry as well. The Commission should therefore earmark certain proportion of its budget for support of research and take up consideration of research proposals. It was agreed that a Standing Committee for scientific research/research in humanities and social sciences may be set up to examine this further. These committees could be assisted by the subject panels of the Commission.

Development of facilities for postgraduate education

In recent years, there has been a proliferation of colleges and several of them have undertaken postgraduate work in humanities and science subjects without adequate facilities or preparation. Development of postgraduate facilities should be broadly related to the planned manpower needs and generally encouraged in universities and university centres for postgraduate studies. Development of postgraduate teaching and research in the universities/postgraduate centres and the colleges would need to be reviewed in the light of the present developments.

Development of Colleges

The presence of numbers coming into higher education for various socio-economic reasons has to be taken note of and efforts should be made for planned development and growth of colleges so as to derive the maximum cost-benefits. The channelling of these numbers should be diversified to absorb a substantial proportion in correspondence courses, part-time/own-time education and also through the open university. This would help in containing the explosion of numbers as well as checking the growth of sub-standard and non-viable institutions. Similarly, assistance for affiliated colleges should not be based on any rigid principle of equality but should be related to removing regional imbalances, and institutional capabilities.

UGC Committoes

The UGC has established a machinery of consultation to benefit from the advice and experience available in the university system and also other specialised agencies. In order to arrive at significant decisions, such consultation should be broad-based and involve as many people as possible in different committees. The secretariat of the UGC should be instrumental in effectively implementing the decisions taken and may be adequately strengthened for this purpose. The members of the Commission should be associated with the working of the Commission and its various committees. In case this were to make a substantial demand on their time, the Commission could consider providing necessary relief to the concerned universities so that their responsibility of teaching and research is not impaired.

The Chairman mentioned that the membership of various Standing Committees constituted by the Commission could be reviewed and, if necessary, reconstituted. In this connection, he requested the members to indicate their own preference and also suggest the names of persons who could be invited to work on these committees. The membership of the committees may not be confined to Professors only. The constitution of the committees may be placed before the Commission.

The following points also emerged during discussions:

Procedure for involvement of the State Governments in development and implementation of the plan programmes.

UGC's special responsibility towards central universities.

Framing of the regulations and delegation of powers in accordance with the UGC (Amendment) Act.

UGC's role in providing active leadership in the academic field.

A review of the pending matters may be made and their disposal be expedited.

The Commission should give greater emphasis on examination reform.

New universities should be established on academic considerations and a broad policy regarding this should be indicated so as to avoid political pressures in starting new universities.

Advance action may be initiated for the schemes to be undertaken during Vth Plan.

The Commission should work out its educational policy and draw up a plan of action.

Considerable emphasis be laid on improvement of teachers.

Working of the subject panels be activated.

Special efforts be made that the Universities recognise some colleges as autonomous colleges.

Universities be involved more closely in the development of Culture and extension services for the community.

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List of Social Science Summer Institutes to be
organised during 1973 duration 3-4 weeks.

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A. History

1. Andhra (Regional)
2. Baroda (All India)
3. Guru Nanak (Regional)
4. Calcutta (All India)
5. Calicut (Regional)

B. Political Science

1. Nagpur University (Regional)
2. Osmania (All India in Public Administration)
3. Poona University (Regional)
4. Magadh (Regional)

C. Economics

1. Osmania University (All India)
2. Rajasthan (Regional)
3. Kerala (Regional)
4. Madurai (Regional)
5. Bombay University may be requested to organise
a summer institute in demography in collaboration
with Demographic Research Centre, Bombay.

D. Psychology

1. Utkal (All India)
2. Patna (All India)
3. Madrat (Regional)

E. Philosophy

1. Madras (All India)
2. Poona (All India)
3. Visva Bharati (All India)

F. Archaeology

1. Nagpur (All India)
2. Poona (All India)

G. Geography

1. Banaras Hindu University (Regional)
2. Bombay (Regional)
3. Gauhati (Regional)

H. Library Science

1. Karnatak (Regional)

I. Commerce

1. Madras (Regional)
2. Gorakhpur (Regional)

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th-8th February, 1973
Time : 10.00 A.M.
Place: UGC Office, New Delhi.

A G E N D A

- Item No.1: To receive the minutes of the meeting of the Commission held on 6th December, 1972.
- Item No.2: (a) To approve the action taken on certain matters.
(b) To receive the items of information.
- Item No.3: To approve the statement of grants released after the last meeting of the Commission held on 6th December, 1972.
- Item No.4: To receive the statement of expenditure incurred by the U.G.C. during 1972-73 (upto 31st Decemoer, 1972).
- Item No.5: To receive the minutes of the third meeting of the Steering Committee of the Conference on Mathematics Education and Research held on 19th December, 1972. P. 1-4
- Item No.6: To receive the minutes of the third meeting of the Committee on the Effective Utilisation and Maintenance of scientific equipment in universities and colleges and to look after the training programmes for laboratory and workshop technicians held on 16th December, 1972. P.5-7
- Item No.7: To receive a summary of the report on the Southern Regional Conference on Teaching and Research in Life Sciences held at Bangalore on 18th and 19th November, 1972. P. 3-12
- Item No.8: To receive a note regarding setting up of an Institute of Physics at Bhubaneswar by the Orissa State Government. P.13-21
- Item No.9: To receive the minutes of the meeting of the Standing Committee on New Universities and University Centres held on the 1st January, 1973. P.22-25
- Item No.10: To consider the report of the Committee appointed to examine the proposal of the University of Saugar for setting up a unit in Educational Sociology in the University Department of Anthropology and Sociology. P.26-33

P.T.O.

- Item No.11: To consider the report of the Expert Committee to examine the proposal of the Bombay University for the establishment of the Departments of Microbiology and Bio-Chemistry in the Biological Sciences Division. P.34-38
- Item No.12: To consider the reports of the Expert Committee appointed to examine the proposals of the S.D. College, Muzaffarnagar and D.A.V. College, Muzaffarnagar, for the development of their postgraduate science departments. P.39-48
- Item No.13: To consider the report of the Committee appointed by the U.G.C. to examine the proposal of Nanak Chand Anglo Sanskrit College, Meerut, for the development of its postgraduate departments in the Humanities and Social Sciences. P.49-54
- Item No.14: To consider the report of the Committee appointed by the U.G.C. to examine the proposal of College of Education, Khiroda, for assistance towards the development of its Teachers' Training Programme during the 4th Plan period. P.55-66
- Item No.15: To consider the report of Expert Committee appointed to examine the proposal of the V.O. Chidambaram College, Tuticorin (Madurai University) for the development of its postgraduate department of Chemistry during the 4th Plan period. P.67-72
- Item No.16: To consider the recommendations of the Committee appointed by the Commission to prepare a scheme for Administrative Training for Senior Staff in Universities. P.73-79
- Item No.17: To consider the recommendations made by the Pre-Institute Orientation meeting of the Directors of Indo-British Summer Science Institutes, Nuffield Material 'A' level - for College teachers 1973 held on January 6, 1973. P.80-84
- Item No.18: To consider the proceedings of the meeting of the Committee appointed by the UGC to consider the question of holding Voluntary national examinations in Physics and Chemistry. P.85-90
- Item No.19: To consider the recommendations of the Advisory Committee on Summer Institutes for Social Sciences subjects made at their meeting held on January 15, 1973. P.91-95
- Item No.20: To consider the suggestions made by the Department of Science and Technology, Government of India, for evolving a coordinated policy for research fellowships and grants to the universities by the central agencies with a view to ensuring the optimum use of the resources in this field. P.96-104
- Item No.21: To consider the proposal received from the Government of Mysore for the establishment of a University of Agricultural Sciences at Dharwar. P.105-110
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- Item No.22: To receive a note on the amendments of the Acts of the Universities. P.111
- Item No.23: To receive a note on the Gujarat University Act (Amendment Bill) P.112-114
- Item No.24: To consider a reference received from the Government of Madhya Pradesh for the establishment of a State University Commission in Madhya Pradesh. P.115-121
- Item No.25: To consider the proposals of the Delhi University:-
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- i) To provide assistance to the colleges for items such as Braille typewriter, Braille Dictionary and Cassette Recorder for the blind students. P.123-125
 - ii) Regarding utilisation of Ford Foundation assistance. P.126
- Item No.26: To consider the proposals of Banaras Hindu University:- P.127
- i) To construct an auditorium under the Students Amenities Scheme. P.128-129
 - ii) For financial assistance for the project entitled "Magnetospheric Investigations by Multisatellite Low Latitude Whistlers and VLF emissions" of Dr. B.A.P. Tantri, Prof. and Head of the Department of Physics. P.130-131
 - iii) For a grant of Rs.1,20,000/- for the printing and publication of Historical Grammar of Hindi Language. P.132
 - iv) For strengthening facilities for teaching of foreign languages. P.133-136
 - v) For financial assistance for the project entitled "Mechanism recombination in Eukaryotes" of Dr. S.K.Sen, Head of the Department of Genetics and Plant Breeding, Faculty of Agriculture. P.137-138
 - vi) For establishing Raja Ram Mohan Roy Chair. P.139
- Item No.27: To consider the proposals of the Aligarh Muslim University:- P.140
- i) For the appointment of Dr. O. Siddiqi, Tata Institute of Fundamental Research, Bombay in the department of Botany, as a Visiting Professor. P.141-143
 - ii) For providing additional staff for water supply scheme for the Medical College and Hostel. P.144-145

- Item No.28: To consider the proposals of the Mysore University:
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- i) For further development of the University Postgraduate Centre at Mangalore outside the ceiling of Rs.30 lakhs. P.147-149
 - ii) For the purchase of property "Leela Vihar" for the Institute of Correspondence Courses and Continuing Education. P.150
 - iii) For financial assistance for the Institute of Development Studies. P.151-155
- Item No.29: To consider a request for a grant of Rs.2,000/- from the Rajasthan University in respect of Shri N.C. Gautam, Lecturer in Geophysics for undergoing training of Thematic Mapping in National Atlas Organisation, Calcutta.
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- Item No.30: To consider a proposal of Bombay University to approve the payment of a conveyance allowance of Rs.100/- per month to two Professors from Tata Institute of Fundamental Research working at the Centre of Advanced Study in Mathematics.
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- Item No.31: To consider a proposal received from the Universities of Calicut and Sri Venkateswara for the conduct of a Course of Collegiate Administration for the Principals and Senior Heads of University Departments during January 1973 in collaboration with the Ford Foundation.
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- Item No.32: To consider the following proposals of the Roorkee University:- P.167
- i) For establishment of computer centre training in computer sciences in the light of the comments of the State Government. P.168-171
 - ii) For setting up a medical electrical centre in the department of electronics and communication engineering. P.172-184
- Item No.33: To consider a proposal of the Guru Nanak University for treating the expenditure incurred towards the purchase of Library Books & Journals prior to the approval of the Fourth Plan Development Schemes, as approved expenditure.
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- Item No.34: To consider the proposal of the Osmania University for further development of the University Postgraduate Centre at Warangal outside the ceiling of Rs. 30 lakhs. P.186-196
- Item No.35: To consider further the proposal received from the Saugar University for additional funds on cent per cent basis for scientific equipment for the various Science Departments. P.197
- Item No.36: To consider the revised Fourth Plan proposals sent by the Allahabad University for the period 1966-67 to 1973-74. P.198-200

Item No.37: To consider the following proposals from colleges for financial assistance in relaxation of the condition of minimum enrolment:- P.201

- i) Proposal of GNA (Postgraduate) College, Bhatapara (Ravi Shankar University) towards the construction of a Teachers' Hostel and Principals' residence. P.202
- ii) Proposal of Dhartiya Municipal Girls College, Chandausi (Moradabad) U.P., towards the construction of additional teaching accommodation. P.203

Item No.38: To consider the following proposals from colleges for financial assistance from the Commission beyond the ceiling of Rs. 3 lakh P.204

- i) Proposal of St. Aloysius College, Mangalore (Mysore University) towards the construction of a new Zoology Block. P.205
- ii) Proposal of D.N.R.College, Dhimavaram towards the construction of additional teaching accommodation. P.206
- iii) Proposal of St. Joseph's College for Women, Vishakhapatnam towards the purchase of furniture and laboratory equipment. P.207-208
- iv) Proposal of Shree Warana Mahavidyalaya, Warananagar (Shivaji University) for the construction of a Women's Hostel. P.209
- v) Meerut College, Meerut (Meerut University) towards construction of additional teaching accommodation. P.210
- vi) S.K.Jain College, Khatauli (Meerut University) towards construction of Library Building. P.211-212

Item No.39: To consider further the proposal of Deccan College of Postgraduate and Research Institute, Poona (Poona University) for financial assistance for the construction of Teachers' Hostel. P.213-215

Item No.40: To consider further the proposal of the Degree College of Physical Education, Amravati (Nagpur University) for grant for the construction of Teachers' Hostel. P.216-219

Item No.41: To consider a note on resuming book grants on annual basis from 1973 and to release a second non-recurring laboratory development grant to eligible colleges. P.220-222

Item No.42: To consider a note on the organisation of Science Exhibition in November, 1973 with international participation as a part of the Silver Jubilee Celebrations of our Country's Independence. P.223-226

- Item No.43: To consider a note on regularising certain items of expenditure incurred by the Summer Science Institute held in 1967-68. P.227
- Item No.44: To consider the question of recommending/suggesting names of experts to universities/colleges for consultation regarding placement of Professors in the Selection Grade. P.228
- Item No.45: To consider the request of Oxford University Press, Delhi, for supply of the list of the titles approved under the scheme for preparation of university level books by Indian Authors. P.229
- Item No.46: To consider the matter regarding the exemption of the grant of fellowships and contingencies under the book writing schemes for purposes of income-tax. P.230-231
- Item No.47: To consider the question of participation in the ILO University meeting on workers education in Manila, Phillippines. P.232
- Item No.48: To consider the question of utilization of unspent balances during 1972-73 out of the grant of 1971-72 under Junior Research Fellowship Scheme. P.233-236
- Item No.49: To consider the question of providing financial assistance to teachers of Medical Colleges for attending International Congress/Conferences abroad. P.237-242
- Item No.50: To consider a note on the requests received from the Directors of Summer Science Institutes for 1973 (Special/Advanced level all India Institutes), for making available the services of foreign experts/specialists for the duration of the Institutes. P.243-245
- Item No.51: To consider a note on the recommendations made by the pre-institute orientation meeting of the Directors of Summer Institutes in Mathematics for 1973 held on January 16-17, 1973. P.246-250
- Item No.52: To consider certain establishment matters of the University Grants Commission.
- Item No.53: To note the date and place for next meeting of the Commission.

Any other items.

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

MINUTES OF THE 140TH MEETING OF THE UNIVERSITY GRANTS
COMMISSION HELD ON 6TH DECEMBER, 1972.

The following were present:

Professor D.S. Kothari	-	Chairman
Dr. J.N. Bhan	-	Member
Smt. Indumati Chimanlal	-	"
Dr. George Jacob	-	"
Professor Tapas Majumdar	-	"
Shri M.R. Yardi	-	"
Shri R.K. Chhabra	-	Secretary

SECRETARIAT

Dr. D. Shankar Narayan	-	Adcl. Secretary
Dr. R.C. Gupta	-	Joint Secretary
Dr. R.D. Deshpande	-	Joint Secretary
Dr. S.K. Dasgupta	-	Development Officer
Shri S. Viswanath	-	Development Officer
Dr. G.S. Mansukhani	-	Development Officer
Dr. (Mrs.) V. Mazumdar	-	Development Officer
Shri P.G.N. Nampoothiri	-	Finance Officer

Apology for absence was received from Professor Sarup Singh.

The Chairman referred to Shri T.P. Singh's resignation from the membership of the Commission on his transfer to the Food and Agriculture Ministry. The Commission placed on record its sense of gratefulness and appreciation of the valuable services rendered by Shri Singh as member of the University Grants Commission.

Item No. 1: To receive the minutes of the meeting of the Commission held on 1st November, 1972.

The minutes of the 139th meeting of the Commission held on 1st November, 1972, already circulated, were confirmed.

p. t. o.

Item No. 2: (a) To approve the action taken on certain matters.

(b) To receive the item of information.

(a) The Commission approved the action taken on items listed in Appendix 1*.

(b) This was noted.

Arising out of item 2(b)(3), the Commission desired that the attention of the universities be drawn to the excessive time it often took for evaluation of the doctoral thesis. It was felt it should be possible to reduce this time substantially; and the average time should not exceed about three months.

Item No. 3: To approve the statement of grants released after the last meeting of the Commission held on 1st November, 1972.

The Commission approved the statement of grants released since the meeting of the Commission held on 1st November, 1972 (Appendix II*).

Item No. 4: To receive the statement of expenditure incurred by the University Grants Commission during 1972-73 (upto 31st October, 1972).

This was noted.

Item No. 5: To receive a note on 'Central Responsibility for higher Education' by Shri K.L. Joshi, Vice-Chancellor, Indore University.

This was noted.

In this connection the Commission observed that the Central Advisory Board of Education had adopted a resolution to appoint a committee to consider this matter.

*Not enclosed.

p.t.o.

Item No. 6: To receive the resolutions adopted at the 36th Meeting of the Central Advisory Board of Education held in September, 1972.

The Commission agreed that a committee may be appointed to look into the suggestions made by the Central Advisory Board of Education with regard to higher education.

Item No. 7: To receive the recommendations of All India National Education Conference held in Sevagram in October, 1972.

This was noted.

Item No. 8: To consider the report of a committee appointed to examine the institution of 2-year M.A. Course in Teacher Education.

The Commission desired that the report of the Committee be circulated to the universities.

Item No. 9: To consider the report of the Committee appointed by the University Grants Commission to examine the proposal of the South Gujarat University for setting up a Department of Education.

The Commission accepted the report of the Committee appointed to examine the proposal of the South Gujarat University for setting up a Department of Education, and agreed to provide the following assistance, on a cent per cent basis, on the usual terms and conditions:

(a) Professor	- One	
(b) Reader	- One	
(c) Lecturers	- Two	
(d) Books and Journals	- - -	Rs.1.00 lakh
(e) Equipment and Audio-visual Aids	- -	Rs.1.00 lakh
(f) Furniture	- - - - -	Rs. 50,000
(g) Building	- - - - -	Rs.2.50 lakhs

The Commission agreed with the University that it may set up the department with a Reader in case it is unable to secure the services of a suitable person for the Professorship.

Item No.10: To consider the report of the Committee appointed by the University Grants Commission to examine the proposal of Udaipur School of Social Work, Udaipur, for the development of postgraduate studies in the Humanities and Social Sciences.

It was noted that the proposal of Udaipur School of Social Work (Udaipur) for the construction of a men's hostel has been accepted by the Commission. The Commission desired that the UGC assistance for the proposed building for the School be deferred till the School has provided basic facilities and accommodation at its new campus.

Item No.11: To consider the report of the Expert Committee appointed by the Commission to examine the proposal of Birla Institute of Technology and Sciences, Pilani, for the development of its Division of Biological Sciences.

The Commission accepted the recommendations of the Committee which examined the proposal of the Birla Institute of Technology and Science, Pilani, for the development of its Division of Biological Sciences, and agreed to provide grants towards the following on the usual sharing basis (for undergraduate and postgraduate courses):

I. Non-Recurring:

Specialised laboratory facilities for Tissue Culture Instrumentation, Cold Room, Aseptic room.	- Rs. 2 lakhs
Equipment	- Rs. 4 lakhs
Books	- Rs. 50,000
	Rs. <u>6,50,000</u>

II. Recurring:

- (a) Staff : 3 Readers and 2 Lecturers.
- (b) Special chemicals : Rs.20,000/- per annum.

The above assistance to the BITS will be on the condition that the UGC share towards the scheme is provided within the overall Fourth Plan allocations of the Institute.

Item No.12: To receive the Minutes of the meeting of the Committee appointed to review the position with regard to the Administrative Technical Staff at the Centres of Advanced Study.

The Commission considered the report of the Committee to review the UGC assistance for administrative/technical staff in the Centres of Advanced Study. The Commission agreed that in the current Plan period the excess expenditure incurred by the Centres above the prescribed "ceilings" may be admitted on the merits of each case. The question of fixing revised ceilings may be taken up at the beginning of the Fifth Plan.

Item No.13: To consider the recommendations of the Expert Committee for the re-organisation of the Department of Chemical Technology at Osmania University.

The Commission desired that an officer of the Commission and a representative of the AICTE may visit the Osmania University and discuss the proposal further.

Item No.14: To consider the recommendations of the AICTE for paying special grants to universities/institutions for setting up book banks in Technical Institutions.

The Commission desired that the UGC scheme of 'Book Bank' for Arts and Science colleges may be extended to Engineering and Technological Institutes/Departments of the universities.

In this connection the Commission desired that a committee may be appointed to review the various UGC schemes for development of libraries in the colleges/universities.

Item No.15: To consider the recommendations of the Committee on Public relations and publicity in public undertakings.

The Commission desired that the recommendation made by the Committee on Public Undertakings in its 47th Report on public relations and publicity in public undertakings may be discussed with the Delhi University and the Institute of Mass Communication, New Delhi.

Item No.16: To consider a reference from the Ministry of Education and Social Welfare for the views of the Commission in regard to streamlining the existing procedure regarding building grants.

It was suggested that this may be discussed with the Ministry of Education and Social Welfare, in the first instance.

Item No.17: To consider the reference from the Inter University Board of India with regard to the implementation of the provisions of the University Acts.

This was noted.

Item No.18: To consider further the reference from the Government of Uttar Pradesh regarding establishment of a University for Ayurvedic, Unani and Homeopathic System of medicine.

The Commission reiterated its earlier views with regard to the establishment of a University/Faculty for Ayurvedic, Unani and Homeopathic system of medicine. The Commission desired that the views of the Ministry of Health may also be invited on the proposal of the Government of Uttar Pradesh.

Item No.19: To consider the proposals received from Delhi University:

- (i) For fixation of pay of the erstwhile Assistant Lecturers consequent upon their appointments as Lecturers.
- (ii) For the introduction of compulsory and elective Oriya for B.A.(Pass).
- (iii) For payments of salary and allowances to Shri P.D. Gupta, Principal, Ramjas College, for six months leave period.

(i) The Commission desired that the revised proposal of the Delhi University may be referred to the committee appointed to consider the earlier proposal of the University in this regard. The recommendations of the Committee may be placed before the Commission at its next meeting.

(ii) The Commission accepted the proposal of the Delhi University for the introduction of Oriya as a subject of study for the B.A.(Pass) course and the certificate course, and noted that the services of the existing lecturer in Oriya will be utilised for this purpose.

(iii) The Commission agreed, as a special case, to treat the expenditure to be incurred on the leave salary and allowances of Shri P.D. Gupta, Principal, Ranjas College, who had been requested to proceed on leave for six months as approved expenditure for purposes of maintenance grant.

Item No.20: To consider the proposals received from the Aligarh Muslim University:

- (i) For revision of scale of pay of the post of Cartographer in the Department of Geography.
- (ii) For a special grant towards the purchase of tools and plants for the building department.
- (iii) For placing the present incumbent of the post of Superintendent, Abdullah Nursery School, in the scale of Rs.400-800.

(i) The Commission desired that this may be further examined in relation to the qualifications prescribed for the post of a Cartographer in the Department of Geography, Aligarh Muslim University, and other Central Universities; and the matter placed before the next meeting.

(ii) The Commission regretted its inability to accept the proposal of the Aligarh Muslim University for a special grant towards the purchase of tools and plants for the building department.

(iii) The Commission agreed that the present Superintendent, Abdullah Nursery School, Aligarh Muslim University, may be placed in the scale of Rs.400-800 with effect from 1st April 1972. The scale would be personal to the present incumbent.

Item No.21: To consider a proposal received from the Jawaharlal Nehru University for creation of 15 Senior Research Fellowships of the value of Rs.500/- per month each for post-doctoral work at the University.

The Commission desired that a note regarding the present position about senior and junior Fellowships available in the Central Universities may be placed before it.

Item No.22: To consider the proposal of the Banaras Hindu University for the exchange of teachers in Music between Banaras Hindu University and Schwartzehuis, Amsterdam.

The Commission desired that this may be further examined.

Item No.23: To consider a proposal from the Allahabad University for assistance for the appointment of Prof. J.M. Mehta as visiting professor under the activities of the Gandhi Bhavan.

The Commission noted that earlier in August 1970 it had agreed to a grant of Rs.20,000 to the Allahabad University for a visiting professorship in Gandhian Thought. The sanction had since lapsed. The Commission agreed to re-allocate the grant, and desired that the University may take steps for the appointment of a visiting professor in Gandhian Thought, as proposed by the University.

Item No.24: To consider the proposals of the Bombay University:

- (i) For the construction of a building for correspondence courses in Arts and Commerce at undergraduate level, out of the provision of Rs.5 lakhs approved by the Commission for correspondence course.
- (ii) For according ex-post-facto approval of the Commission for the expenditure incurred by the university for furniture and additions/alterations to the building out of the provision of Rs.12 lakhs approved for equipment and laboratories for the postgraduate Institute of Basic Medical Science.

(i) The Commission desired that the Bombay University be advised to defer the proposal for the construction of a building for correspondence courses to the Fifth Plan.

(ii) The Commission agreed to treat an expenditure of Rs.2,206.80 incurred by the University of Bombay for additions and alterations to buildings, as an approved expenditure for purpose of payment of grant to the Bombay University for establishment of postgraduate Institute of Basic Medical Sciences. With regard to the expenditure of Rs.45,023 for office furniture the Commission desired that the University may be requested to indicate the use to which this furniture has been put to subsequent to the closing of the Institute.

Item No.25: To consider the proposal of Sri Venkateswara University for establishment of a Department of Population Studies.

The Commission desired that the proposal of Sri Venkateswara University for the establishment of a Department of Population Studies may be referred to the committee appointed to examine similar proposals received from Bombay University and Tata Institute of Social Sciences.

Item No.26: To consider further the proposals received from the Saugar University for additional funds on cent per cent basis for construction of Laboratory Buildings for the Department of Chemistry, Botany and Zoology and for Scientific Equipment for the various science Departments.

The Commission desired that the University of Saugar may be advised to take up construction of the proposed buildings, provided the expenditure, on the sharing basis agreed to earlier, could be accommodated within the Fourth Plan allocations available to the University.

As regards additional grant for equipment, the Commission desired that this may be examined further and brought up before it.

Item No.27: To consider a proposal of the University of Kalyani for financial assistance for establishing a department of Bengali.

The Commission accepted the proposal of the University of Kalyani for establishing a Department of Bengali, and agreed to provide assistance for the following staff on 50:50 basis within the Fourth Plan allocations of the University and subject to the usual conditions:

Professor	-	One
Reader	-	One
Lecturers	-	Four

Item No.28: To consider further a proposal of the University of Madras for financial assistance towards strengthening the Department of Tamil.

The Commission desired that the proposal of the University of Madras for financial assistance for strengthening the Department of Tamil may be referred to an expert committee.

The Commission agreed that no assistance could be provided for the printing and publication of the Tamil Lexicon.

Item No.29: To consider further the proposals of the Bihar University and Bhagalpur University for starting postgraduate teaching in Urdu and Persian.

(1) The Commission accepted the proposal of the Bihar University for starting postgraduate course in Persian, and agreed to provide the following assistance, on cent per cent basis, within the Fourth Plan allocations of the University:

Reader	-	One
Lecturers	-	Two
Books	-	Rs. 5,000

(2) The Commission regretted its inability to provide assistance to the Bhagalpur University for starting postgraduate course in Persian as the University had not found it possible to accommodate the expenditure within the Fourth Plan allocations, agreed to by the Commission.

Item No.30: To consider a proposal of the Panjab University for financial assistance towards the programmes of Adult Education.

The Commission accepted, in principle, the proposal of the Panjab University for financial assistance for the programme of Adult Education and desired that quantum of assistance to be provided to the University for this purpose may be further examined.

Item No.31: To consider a proposal from the Vice-Chancellor, Himachal Pradesh University, for assistance from the Commission for teaching posts.

The Commission agreed that in view of the special circumstances pointed out by the Vice-Chancellor of the Himachal Pradesh University the matter deserved consideration; and desired that this may be further examined and brought up before the Commission along with other similar cases (that is, regarding Universities established in the current Plan period) keeping in view the decision of the Commission in somewhat similar cases regarding Universities established during the Third Plan.

Item No.32: To consider a proposal of Government Sanskrit College, Tripunithura (Kerala University) for financial assistance for the construction of a composite building for class-rooms and library.

The Commission accepted the proposal of the Government Sanskrit College, Tripunithura (Kerala University) for construction of a composite building for class rooms and library on the usual terms and conditions.

Item No. 33: To consider the request of the Seetha Lakshmi Ramaswami College, Tiruchirapalli (Madras University) for additional grant of Rs. one lakh beyond the plan ceiling of Rs. three lakhs towards the extension of Hostel Building.

The Commission accepted the proposal of Seetha Lakshmi Ramaswami College, Tiruchirapalli (Madras University) for extension of hostel facilities, and agreed to provide a grant of Rs. one lakh on the usual sharing basis for the purpose, beyond the ceiling of Rs. three lakhs.

Item No. 34: To consider further the proposals of the following colleges for Commission's assistance under Fourth Plan ceiling of Rs. three lakhs in relaxation of the condition regarding minimum enrolment.

- (i) Jagjiwan College, Arrah (Magadh University) for construction of additional teaching accommodation and N.R.S.C.
- (ii) B.N.V. College, Rath (Kanpur University) for construction of Science Laboratories.
- (iii) Nehru Mahavidyalaya, Lalitpur (Kanpur University) for the construction of a tube well and overhead tank.

(i) The Commission accepted the proposal of Jagjiwan College, Arrah (Magadh University), for construction of additional teaching accommodation and Non-Resident Student Centre on usual terms and conditions.

(ii) The Commission accepted the proposal of B.N.V. College, Rath (Kanpur University), for construction of Science Laboratories on usual terms and conditions.

(iii) The Commission accepted the proposal of Nehru Mahavidyalaya, Lalitpur (Kanpur University), for construction of a tube-well, pump house and overhead tank on usual terms and conditions.

Item No. 35: To consider the question of recognising foreign research institutions as institutions for purposes of Section 80C of the Income Tax Act, 1961.

The Commission could not recommend the inclusion of M/s Lockheed Georgia Co. (Division of Lockheed Aircraft Co.) Marietta, Georgia as an institution for purposes of Section 80C of the Income Tax Act, 1961.

The Commission desired that the question of general policy with regard to such matters may be referred to the Department of Science and Technology, Government of India for advice.

Item No. 36 : To consider the question of medical facilities for the employees of Delhi University and its colleges.

The Commission desired that the Government of India be requested to expedite the decision in this matter. It was noted that the scheme was already in operation for the staff of the Jawaharlal Nehru University.

The Commission further desired that the consideration of the proposal of Delhi University for additional facilities in the Health Centre and reimbursement of actual medical expenses may be deferred.

Item No. 37 : To consider the revised draft resolutions adopted by the Hari Om Trust, Nadiad (Gujarat) for the creation of three annual awards of Rs.10,000/- each to be given to outstanding scientists.

The Commission accepted the Resolution No.167 of 24th October, 1972 adopted by the Hari Om Trust, Nadiad (Gujarat) for placing a sum of Rs.4.5 lakhs at the disposal of the U.G.C. to enable it to create "Hari Om Ashram Science Endowment" to award three prizes of the value of Rs.10,000/- each every year for the best scientific work produced in India in different scientific fields (Appendix III).

The Commission desired that a National Committee be appointed to formulate guidelines for the scheme; and the first awards be made on the 15th August 1973.

Item No. 38 : To consider the guidelines/norms for furnishing hostels, Teachers' Room and Principal's room for colleges affiliated to Delhi University.

The Commission desired that this may be referred to a committee for advice.

Item No. 39 : To receive a communication from Dr. S. D. Kaushic, S.S.V. Postgraduate College, Hapur (Meerut University) regarding his participation at International Geographical Congress at Montreal, Canada during August 1972.

The Commission noted that Dr. S. D. Kaushic had not availed of the travel grant sanctioned by the Commission to enable him to attend the international congress in Canada and that he had further given a donation of Rs.500/- from his own funds in respect of another scheme. The Commission desired that its appreciation may be conveyed to Dr. Kaushic.

Item No. 40 : To consider a letter received from the Department of Science and Technology regarding the recommendations of the Committee on Science and Technology on the mobility of scientific and technical personnel.

The Commission reiterated its view that the retirement benefits schemes adopted by the Central and State Universities should not hinder but on the other hand should encourage mobility of teachers. Any of the existing provisions which placed constraints on such mobility should be suitably amended by the authorities concerned.

Item No. 41 : To note the date and place for the next meeting of the Commission.

It was agreed that the Chairman may decide the date of the next meeting of the Commission.

Item No. 42 : To receive a note on the additional requirements under the head of account "Administration Charges" proposed in the revised estimates 1972-73 and budget estimates 1973-74.

This was noted.

Item No. 43 : To consider a note on the budget provision of University Grants Commission for Plan schemes 1972-73.

This was noted.

Item No. 44 : To receive a note on the procedure followed for accepting proposals for construction of buildings under Rs. three lakhs scheme.

The Commission decided that a committee consisting of the following may be appointed to examine the procedure for sanction of grants for construction of buildings to the colleges:

- (a) Dr. George Jacob, Vice-Chancellor, Kerala University
- (b) Dr. Sarup Singh, Vice-Chancellor, Delhi University
- (c) Dr. J.N. Bhan, Vice-Chancellor, Jammu University
- (d) Shri N.K. Vakil, Vice-Chancellor, MS University of Baroda.
- (e) Dr. C.D.S. Devanesan, Officer on Special Duty, Ministry of Education & Social Welfare, New Delhi.
- (f) A representative of the Comptroller & Auditor General of India.
- (g) A representative of the Chief Engineer of the C

The Commission desired that the Committee's recommendations be placed before the Commission at its next meeting.

The Commission further desired that any cases of complaints in these matters (e.g. cases of complaints about architects' fees, conduct etc) may be referred to the above committee.

Item No. 45 : To receive a note regarding the Ordinance proposed by the Jawaharlal Nehru University to regulate the leave eligibility of its teachers.

The Commission accepted the Ordinances proposed by the Jawaharlal Nehru University to regulate the leave eligibility of its teachers and desired that the copy of the Ordinances may be circulated to the Central and State Universities. The attention of the Universities may be invited to the provision of study leave and sabbatical leave for teachers.

Item No. 46 : To receive a note on the proposals for the establishment of New Universities.

This was noted.

Item No. 47 : To receive the position of utilisation certificates in regard to grants paid by the Commission.

This was noted.

Item No. 48 : To consider the recommendations made in the Third Conference of the representatives of Hindi Speaking States for the production of University level books in Hindi.

The Commission desired that the reports of the review committees and the special conferences in Chemistry, Physics and Life Sciences may be made available to the Central Hindi Directorate, and the matter further discussed with the Core Committee concerned with the publication of the university level books in Hindi.

Item No. 49 : To consider the recommendations made at the meeting of the preparatory committee on organising Philosophy Seminars, held on 13th November, 1972.

The Commission accepted the recommendations made at the meeting of the preparatory committee for organising Philosophy seminars and desired that Professor Santosh Sengupta (Vilva-Bharati) and Professor T.M.P. Mahadevan (Madras University) may be added to the "Core Committee".

Item No. 50 : To consider the recommendations of the AICTE for increasing the annual maintenance grant from Rs.500/- to Rs.1000/- per student in respect of Postgraduate courses in Engineering and Technology.

The Commission desired that the present value of Rs.500/- for maintenance grant per student may continue for the remaining period of the Fourth Plan. It was further desired that the entire question of maintenance grant for engineering/technology postgraduate courses may be referred to the UGC Standing Committee on Engineering and Technology.

Item No. 51 : To consider the suggestion made by the Indian Association of Special Libraries and Information Centre, Calcutta for the creation of a chair and scholarships/fellowship in the memory of Dr.S.R.Ranganathan, National Research Professor in Library Science.

The Commission appreciated the proposal, and desired that this may be discussed with the Delhi University.

Item No. 52 : To consider the minutes of the meeting of the Standing Advisory Committee on Area Studies held on 30th August 1972.

The Commission accepted the recommendations of the Standing Advisory Committee on Area Studies and agreed that the post of the Professor of Chinese Economics, as proposed by the Delhi University, may be transferred to the Department of Chinese and Japanese Studies. The Commission also agreed to provide assistance to the University for the post of an additional lecturer and a grant of Rs.15,000/- for books and journals for Japanese Studies on the usual terms and conditions. As regards the suggestion for increasing the value of scholarships and fellowships, the Commission desired that this may be considered in relation to the general question of raising the value of scholarships and fellowships.

Item No. 53 : To consider the recommendations of the Standing Committee on part-time Education.

The Commission agreed, in principle, with the recommendations of the Standing Committee on Part-time Education regarding the setting up of a National Institute of Correspondence Courses and desired that a planning committee may be set up to formulate the project.

The Commission desired that a review of the scheme of correspondence courses may be undertaken, as recommended by the committee; and also the proposed guidelines for the introduction of correspondence courses at the post-graduate level may be further examined.

Item No. 54 : To consider further the reference from the Ministry of Education and Social Welfare with regard to the proposal of St. Bede's College, Simla for financial assistance from Government of Netherlands.

The Commission noted that the Himachal Pradesh University and Government of Himachal Pradesh had recommended the proposal of St. Bede's College, Simla, for accepting financial assistance from the Government of Netherlands for its buildings. The Commission agreed to recommend the proposal, on academic grounds, to the Government of India.

Item No. 55 : To consider a reference from the Ministry of Education & Social Welfare regarding assistance to be asked for by St. Stephen's College (Delhi University) from the Government of Netherlands for building project.

The Commission desired that the views of the Delhi University and the Government of India may be obtained in the first instance.

Item No. 56 : To consider the reference from the Ministry of Education & Social Welfare with regard to exchange of Professors, Research Scholars and Students between American University of Beirut and the Indian Universities.

The Commission desired that the views of the Jawaharlal Nehru University may be obtained in the first instance.

Item No. 57 : To consider the proposal of the Ministry of Education and Social Welfare regarding the implementation by the Commission of the scheme of National Awards of prizes to Indian Authors of original standard works at the university level in Indian languages including English.

The Commission agreed to the proposal of the Ministry as regards implementation of the scheme of National Prizes for university-level books in Indian languages and including English. The Commission noted that the Ministry of Education would place at the disposal of the University Grants Commission an annual sum of Rs. ten lakhs for award of 100 prizes of Rs. 10,000/- each, and a further sum of Rs. two lakhs per annum for meeting administrative expenditure. The Commission desired that a National Committee may be set up in consultation with the learned societies/organisations to draw up guidelines for this purpose; and to make the first awards under the scheme in 1973.

Item No. 58 : To consider a reference received from the Hindi Advisor to the Government of India in the Ministry of Home Affairs regarding financial assistance to universities for introducing a paper on the literary works in Hindi produced by writers of Non-Hindi speaking areas.

The Commission desired that the suggestion received may be referred to the Review Committee on Modern Indian Languages and Linguistics.

Item No. 59 : To consider the following proposals of the University of Delhi :

- (i) For financial assistance towards the introduction of an Advanced Diploma in Italian (Translation).
- (ii) For the introduction of the cadre of select grade daftries.
- (iii) For the shifting of the P.G.D.A.V. College (Evening Classes) to the M.B. Higher Secondary School, Mandir Marg, New Delhi.
- (iv) For converting one post of reader and one post of lecturer into that of a Professor in the Department of Political Science.

(v) For revision of pay of Professional Assistant in the university library and the creation of Selection Grade.

(i) The Commission accepted the proposal of the Delhi University for the introduction of an advanced diploma course in Italian and agreed to provide assistance for the post of a Reader for this course within the Fourth Plan allocation to the University.

(ii) It was agreed that this may be referred to the Establishment Committee.

(iii) The Commission accepted the proposal of the Delhi University for the location of the P.G.D.A.V. College (Evening Classes) at the M.B. Higher Secondary School, Mandir Marg, New Delhi, for the remaining period of the current plan, before which the position may be reviewed.

(iv) The Commission accepted the proposal of the Delhi University for converting one post of Reader and one post of Lecturer into that of a Professor in the Department of Political Science.

(v) The Commission desired that this may be referred to the Establishment Committee, and brought up before the Commission at the next meeting, if possible.

Item No. 60 : To consider the proposal of Aligarh Muslim University for temporary transfer of the service of Miss M. Sakuntala from Banaras Hindu University to Aligarh Muslim University under the exchange programme of Central Universities.

The Commission was of the view that academic exchanges under this scheme should be of distinct benefit to the departments concerned. The Commission desired that a Committee may be constituted to examine the present proposal and other similar proposals which may be received.

Item No. 61: To consider the proposal of the B.H.U. regarding the revision of scales of pay & allowances of the Directors of Institutes of Technology and Medical Sciences.

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The Commission desired that this may be referred to the Committee of Vice-Chancellors of Central Universities.

Item No. 62: To consider the following proposals of the Meerut University:

- (i) For assistance for the setting up of a University Mobile Library.
- (ii) For organising refresher courses for teachers of B.Ed. and M.Ed. classes in the colleges affiliated to the University.

.....

(i) The Commission regretted its inability to accept the proposal of the Meerut University for assistance for a Mobile library.

(ii) The Commission accepted the proposal of the Meerut University for organising one refresher course in the first instance, as recommended by the Standing Advisory Committee on Teacher Education for teachers of B.Ed. and M.Ed. Classes in the colleges affiliated to the University, subject to the usual norms and conditions.

Item No. 63: To consider the proposal of the Gujarat University for establishing a unit of continuing education under the Department of Education.

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The Commission accepted the proposal of the Gujarat University for establishing a Unit of Continuing Education in the Department of Education and agreed to provide the following assistance, on the usual conditions and sharing basis:

- (i) Seminars and workshops - Rs. 10,000/-
- (ii) Coordinator - 1 (in the Reader's scale).

Item No. 64: To consider a proposal from Bombay University for the creation of two posts of Professors in Chemical Engineering in the Department of Chemical Technology.

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The Commission desired that the Views of the All India Council for Technical Education may be obtained on the proposal of the Bombay University.

Item No.65: To consider the proposal of Sophia Girls College, Ajmer (Rajasthan University) towards the construction of N.R.S.C. under the Fourth Plan ceiling of Rs. three lakhs in relaxation of condition regarding minimum student enrolment.

.....

The Commission accepted the proposal of the Sophia Girls' College, Ajmer, for the construction of a non-Resident Students Centre, on the usual terms and conditions.

Item No.66: To consider the proposal of Diwan Bahadur Dau Kalyan Singh Arts and Commerce College, Baloda Bazar (Ravi Shankar University) for Commission's assistance towards the construction of N.R.S.C. in relaxation of conditions regarding minimum student enrolment.

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The Commission accepted the proposal of the Diwan Bahadur Dau Kalyan Singh Arts and Commerce College, Baloda Bazar, for construction of a Non-Resident Students Centre, on usual terms and conditions.

Item No.67: To consider a proposal from V.K.R. College, Budhavaram (Andhra University) for construction of N.R.S.C. with Commission's assistance beyond the ceiling of Rs. three lakhs.

.....

The Commission accepted the proposal of V.K.R. College, Budhavaram, for construction of a non-Resident Students Centre and agreed to provide a grant of Rs.35,000/- for the purpose beyond the ceiling of Rs. three lakhs.

Item No.68:- To consider the proposal of Chikkaiah Naieker College, Erode, for assistance towards the development of post-graduate studies in the Humanities and the Social Sciences.

.....

The Commission accepted the proposal of Chikkaiah Naicker College, Erode, for the development of postgraduate studies in Economics and agreed to provide a grant of Rs.50,000 for the construction of a Postgraduate Block, on the usual terms and conditions.

Item No.69: To consider the proposal of the Gujarat Vidyapeeth for organising a Summer Institute on Education for peace and nonviolence and hosting in Asian Seminar of peace researchers.

.....

The Commission desired that the Gujarat Vidyapith be advised to combine the proposed summer institute on education for peace and nonviolence with the seminar of peace researchers, and agreed to assist the Vidyapith in accordance with the usual norms and conditions.

Item No.70: To consider the venue and dates for the organisation of short Terms Courses on the use of new teaching methods and technical devices in university teaching and secondary school stage with the assistance from UNESCO.

.....

It was noted that the Unesco had since informed that its assistance for the organisation of the short-term courses may not be available at the present stage.

Item No.71: To consider the matter regarding the preparation of S & T Components of the Fifth Plan relating to Universities and its pre-requisite as required by the National Committee on Science and Technology.

.....

The Commission noted that the Department of Science and Technology had already addressed the Universities in this regard, (without reference to the University Grants Commission). The Commission desired that the question of preparation of S&T components of the Fifth Plan in relation to Universities sectors may be discussed with the task force on higher education appointed by the Planning Commission.

Item No.72:-To consider a note regarding non-receipt of completion documents from the colleges in respect of grants released for construction of shooting ranges.

p. t. o.

The Commission desired that the colleges from whom the utilization certificates and refunds were still awaited in respect of grants paid for the construction of shooting ranges be advised to submit the documents or refunds latest by 31st March 1973, failing which the Commission may adjust the grants already paid to them against the grants payable to the colleges from the Commission. A communication would be addressed to the colleges in this regard.

Item No.73: To consider the question of pricing the University Grants Commission Bulletin.

.....

The Commission agreed that the UGC Bulletin may be priced at Rupees six for four issues of the year and this may be effective from the issue appearing in January, 1973.

Item No.74: To receive a note on allocation of Foreign Exchange to Universities and Colleges for import of scientific equipment.

.....

This was noted.

Item No.75: To consider further the question of inclusion of non-teaching employees of the universities and educational institutions within the purview of industrial legislation.

.....

The Commission desired that this may be referred to the Advisory Committee of Vice-Chancellors.

Item No.76: To consider the proposal of Carmel College for Women, Nuvem Goa (Bombay University) for Commission's assistance beyond the Fourth Plan Ceiling of Rs. three lakhs towards the construction of Women's Hostel.

.....

The Commission accepted the proposal of the Carmel College for Women, Nuvem Goa, for construction of a Women's hostel and agreed to provide a grant of Rs.2,62,308/- or 75% of the actual approved cost, whichever is less, for the purpose including Rs. one lakh beyond the ceiling of Rs. three lakhs.

p. t. o.

Item No. 77: To consider the question of providing assistance for the purpose of travel etc. to candidates selected for participation in the Winter School being organised by the International Centre for theoretical Physics at Trieste.

.....

The Commission was of the view that in case of candidates selected for participation in short-term courses organised by institutions abroad and which were approved by the UGC, the Commission may meet the cost of international travel provided the inviting institution would meet the board/lodging charges and fees (if any) for the course. Such proposals when received would be placed before the Commission.

Item No. 78: To consider a proposal from Professor Rais Ahmed Head of the Department of Physics, Aligarh Muslim University for setting up a Centre for Creative Education in Sciences at Aligarh Muslim University.

.....

The Commission was of the view that, taking into account the scale of expenditure proposed, it may not be possible to consider the proposal in the present Plan period. The Commission also felt that the contracts of the proposal would need further examination.

Item No. 79: To consider the proposal of Marathwada University for the construction of a Dormitory type hostel.

.....

The Commission agreed that the Marathwada University be assisted for the construction of a dormitory type of hostel provided the university could find the funds within the Fourth Plan allocation.

Item No. 80:- To receive a note on the working of the Evening Colleges of Delhi University.

.....

This was noted.

Item No. 81: To consider the comments of the Cochin University on the report of the Visiting Committee to Cochin University to consider their Fourth Five Year Plan proposals.

.....

p. t. o.

The Commission accepted the recommendation made by the Visiting Committee regarding the development proposals of the Cochin University in the Fourth Plan period. The Commission agreed to consider the request of the University for additional Readers and Lecturers for Marine Biology and Microbiology after the University had filled the posts recommended by the Visiting Committee.

Item No.82: To receive the minutes of the second meeting of the Steering Committee on the effective utilisation and maintenance by specialised scientific equipment in universities and colleges.

.....

This was noted. The Commission desired that action taken on the recommendations made by the Committee on effective utilisation and maintenance of specialised scientific equipment in universities and colleges may be reported to the Commission from time to time.

Item No.83: To consider the request of Indian Physics Association for the purchase of Physics News for distribution to various colleges.

.....

The Commission desired that this may be referred to the N.C.S.E. which is already supporting similar journals.

Item No.84: To receive the draft of the annual Report of the U.G.C. for 1971-72.

.....

The Commission desired that the draft report for 1971-72 may be finalised in the light of the suggestions and comments of the members.

Item No.85: To consider certain establishment matters relating to the University Grants Commission.

- (i) Grants of extension in service to Shri M.K.S. Kurup, Personal Assistant.
- (ii) The request of Shri Narayan Singh, Staff Car Driver, for some suitable compensation for performing the duties of the staff car driver during the absence of leave of two other staff car drivers.
- (iii) Invitation extended to Dr. R.D. Deshpande, Joint Secretary, UGC for participation in the Symposium on Social Significance of Science & Mathematics Teaching in the Commonwealth to be held at the University of West Indies from 29th March to 2nd April, 1973.

p.t.o.

- (iv) Nomination of Dr. R.D. Deshpande, Joint Secretary, U.G.C. as a member of the Task Force of the Planning Commission for the establishment of Science Museums in the country.

.....

(i) The Commission agreed that Shri M.K.S. Kurup, Personal Assistant may be given further extension in service for a period of one year with effect from 27th March 1973(FN) to 26th March, 1974(FN), on which date he will finally retire from service.

(ii) The Commission in this connection desired that the question of relaxation of the limit on drawal of overtime allowance to one half of emoluments by such essential service-staff as staff car drivers may be examined and brought up before the Commission at the next meeting.

(iii) The Commission agreed to Dr. R.D. Deshpande accepting the invitation extended to him by "The Guinness Awards" administered by the Science Teacher for participation in the Symposium on the Social Significance of Science and Mathematics Teaching in the Commonwealth to be held at the University of West Indies (Mona Campus) Kingston from the 29th March 1973 to 2nd April, 1973 subject to the necessary clearance from the Govt. of India. The Commission further agreed that the period of absence of Dr. Deshpande on this account be treated as deputation abroad and during this period he would receive his full pay and allowances as on duty in the U.G.C.

(iv) The Commission noted that Dr. R.D. Deshpande, Joint Secretary, U.G.C. has been nominated as a member of the Task Force of the Planning Commission for the establishment of Science Museums in the country.

Item No.86: To consider the recommendations made at the second meeting of the Committee to advise the University Grants Commission on the implementation of the Summer Institute programme for 1973 held on November 25, 1972.

.....

This was noted. In this connection it was pointed out that the Standing Committee on Colleges had suggested the organisation of summer institutes in Humanities and Social Sciences. The Commission agreed that steps may be taken for the organisation of these institutes during Summer 1973, if possible.

Item No.87: To consider the preliminary report of the Visiting Committee to Colleges in Manipur State

.....

The Commission desired that the report be referred in the first instance to the State Government for comments. The Commission further desired that action be initiated on the recommendations of the Committee, wherever necessary and the matter brought up before the Commission.

Item No.88: To consider a reference from the Ministry of Education regarding the teaching of Nepali language in the Indian Universities.

.....

The Commission desired that this may be brought to the notice of the Universities.

Item No.89: To consider a reference from the Government of Jammu and Kashmir for change in the pattern of University Grants Commission assistance for approved development programmes for Universities in Jammu and Kashmir.

.....

The Commission regretted its inability to accept the proposal of the Jammu & Kashmir Government for a change in the general "pattern" of UGC assistance (requiring a matching contribution by the State Government) for development schemes supported by the Commission. It was noted that the pattern of sharing basis between the U.G.C. and State Government applied uniformly to all States.

Item No.90: To consider the proposal of St. Stephen's College (Delhi University) for accepting the tendered cost of Rs.5,19,327/- for the construction of Science Block under the scheme of transfer of Honours Courses to the colleges.

.....

The Commission noted the lowest tender of Rs.5,19,327/- for civil work accepted by the St. Stephen's College for the construction of its science block.

Item No.91: To consider a request from the Jadavpur University for contingency grant of the sum equivalent of 2909.40 Canadian dollars for the medical treatment of Professor B. Mukherjee, Dean, Faculty of Science, Jadavpur University who was 'deputed' to attend 25th International Geological Congress held in August, 1972 in Canada.

.....

The Commission was of the view that the expenditure incurred by Professor B. Mukherjee on his medical treatment while in Canada for attending the 25th International Geological Congress be reimbursed to him. The Commission further desired that the University be requested to reimburse this amount to him, for payment to the High Commission.

Item No.92: To consider the proposal of Sree Narayana College, Quilon for additional grant of Rs. one lakh beyond the ceiling of Rs. three lakhs towards extension of lecture theatres.

.....

The Commission accepted the proposal of the Sree Narayana College, Quilon for extension of lecture theatres, and agreed to provide a grant of Rs. one lakh for this purpose beyond the ceiling of Rs. three lakhs.

Item No.93: To consider further the allocation made to the B.I.T.S., Pilani for the period ending 1973-74.

.....

The Commission was of the view that the basis of assistance to the Birla Institute of Technology and Science, Pilani for the schemes accepted in the Fourth Plan may be the same as for universities providing both undergraduate and postgraduate courses.

Item No.94: To consider the question of crediting the balance of Rs.30,398.89 lying with the Commission out of the donation of £ 1,00,000 (Rs.13,31,000) to the University Grants Commission General Funds.

.....

The Commission agreed that the amount of Rs.30,398.89 lying unexpanded with the Commission out of the original donation of Rs.13,31,000/- received from the Central Provinces Manganese Ore Co. Ltd., may be credited to the general funds of the UGC.

Item No.95: To consider a scheme for linking education and productivity and introduction of work experience in colleges.

.....

The Commission agreed to the implementation of the programme of linking education with productivity, and

introduction of work-experience in colleges. The Commission desired that the proposals in this regard may be examined by an expert Committee and placed before the Commission.

Item No.96: To consider the action taken with regard to the Promotion of collaboration between India and Japan in the educational and scientific fields.

.....

This was noted.

Item No.97: To consider the proposals received from the universities for assistance for computer facilities in the universities.

.....

The Commission accepted the suggestions made by the Electronics Commission, Department of Electronics, Government of India with regard to the proposals received for development of computer facilities in the Universities. The Commission agreed that assistance for this purpose may be given to the Universities concerned outside the Fourth Plan allocation as detailed below: The question of recurring grants could be considered separately.

(1) Jodhpur University.

(a) Non-recurring :

Phase I (1972-73)	Rs. 8,48,880
Phase II (1973-74)	Rs. 4,90,412
Phase III(1973-74)	Rs. 2,14,073
Total	Rs. 15,53,365

(2) Karnatak University

Phase I	Rs. 7,15,547
Phase II	Rs. 8,72,109
Total	Rs. 15,87,656

(3) Osmania University

Phase I (1972-73)	Rs. 5,68,795
Phase II (1973-74)	Rs. 4,26,445
Phase III(1974-75)	Rs. 1,86,575
Total.	Rs. 11,81,815

(4) Kurukshetra University

For purchase of a TBC-16 Computer, the total cost would be about Rs.25 lakhs out of which the State Government has provided Rs.20 lakhs, and the balance may be provided by the University Grants Commission.

Item No.98: To receive the Project Document on the programme of Unesco Assistance for the Centres of Advanced Study in Indian Universities.

.....

This was noted.

Item No.99: To receive the recommendations of the Steering Committee appointed by the University Grants Commission to advise on the organisation of symposia/Seminars in connection with the 25th anniversary of India's Independence.

.....

This was noted. The Commission desired that the financial implications of the schemes accepted in connection with the 25th Anniversary of Indian Independence may be placed before the Commission.

Item.No.100: To consider the proposal received from the Vice-Chancellor, Mithila University, Darbhanga for financial assistance for strengthening in existing postgraduate departments and for starting new postgraduate departments .

.....

The Commission desired that this may be examined in consultation with the Government of India.

Item No.101: To consider further the proposal received from Director, Central Institute of English and Foreign Languages, Hyderabad for financial assistance towards the creation of a cell for the organisation of the University Grants Commission summer Institutes and the follow up work.

.....

The Commission accepted in principle the setting of a cell in connection with the summer institutes in English language teaching at the Central Institute of English and Foreign Languages, Hyderabad, and desired that the quantum of assistance and mode of payment be determined in consultation with the Government of India.

(R.K. Chhabra)
Secretary.

(D.S. Kothari)
Chairman.

Appendix III to the Minutes of the UGC
Meeting held on 6.12.1972 (Item No. 2)

RESOLUTION No. 157 of 24.10.1972

RE: Revised Draft Resolution.

To encourage and accelerate extensive scientific researches in India. The Board of Trustees of the Hari Om Ashram Trust Nadiad, Dist: Kaira, resolves that a sum of Rs. 4.5 lakhs (Rupees four point five lakhs) to be handed over to University Grants Commission, New Delhi to enable it to create a 'Hari Om Ashram Science Research Endowment' towards three prizes every year to the best Scientific research work produced in India by an Indian Scientist in different scientific fields.

The Board of Trustees further resolves that the terms and conditions of the Hari Om Ashram Science Research endowment shall be as under;

1. We request U.G.C. that the amount of the endowment be invested by University Grants Commission (set up by an act of Parliament) Bahadur Shah Zafar Marg, New Delhi-1. in Schedule A class Bank in maximum long term fixed deposits so as to bear the then maximum available rate of interest or the manner of investment of the endowment fund will be decided according to the provision of the Act (Section 16(2) of the Act) which is reproduced below:

16(2) All moneys belonging to the fund shall be deposited in such banks or vested in such a manner as may subject to the approval of the central Government, be decided by the Commission.

2. The annual amount derived from the interest shall be entirely utilised for giving away the following three equal awards (probably it might amount roughly to Rs.10,000/- each) to a scientist in the field.

The awards should be designated as follows:

(1) C.V. Raman Award for Experimental Research in Physical Sciences; (ii) HOMI J. Bhabha Award for research in the applied sciences; (iii) Meghnad Saha award for the Theoretical Sciences.

3. The awards will be made every year by the commission to an Indian Scientist for outstanding research work done in India on the recommendation of an expert committee to be appointed by the University Grants Commission.

4. In case in any particular year no award is made the amount of interest accord out of the donation would be credited and added to the endowment fund.

P.T.O.

5. The value of the award would be say roughly Rs.10,000/- in the first instance but in case the Commission decides to make (divide) two awards at a time in a particular year, the value will be equally divided.
6. The name of the awardees as well as annual report on the working of the endowment shall be communicated to the Hari Om Ashram, Nadiad by UGC in due course.
7. The accounts of the endowment with regard to its investment and receipt and disposal of interest accrued therefrom shall be kept distinct from the general accounts of the U.G.C.
8. The detailed rules governing the awards shall be framed by the U.G.C. and the 'Endowment' shall be administered by U.G.C.
9. In case the Ashram finds more money for the trust the University Grants Commission will suitably enhance amount of the awards as also add other research areas for suitable awards by mutual consultation and agreements.
10. The University Grants Commission will be entitled to make marginal changes in the areas/fields of sciences to suit the changing conditions in future.
11. This money will be deposited to the University Grants Commission within 30 days after the receipt of their official resolution accepting Hari Om Ashram's resolution.

.....

'CHUGH'

Confidential:

University Grants Commission

.....

Meeting:

Dated: 7th February, 1973

Item No. 2(a) To approve the action taken on certain matters.

....

1. Allocation of grants to the Awadesh Pratap Singh University for the Fourth Plan Period Publication of Research Works including Doctoral Theses.

....

During the Fourth Plan, the Commission agreed to provide grants ranging from Rs. 5,000/- to Rs. 1,00,000/- to the Universities and Institutions deemed to be Universities for the publication of Research Works including Doctoral Theses for the Fourth Plan Period ending 31st March, 1974.

A grant of Rs. 20,000/- has been allocated to the Awadesh Pratap Singh University (newly established Univ) towards the publication of Research Works including Doctoral Theses etc. of the teachers and scholars of the University and its affiliated colleges for the Fourth Plan period.

2. Allocation of grants to the Bhopal University for the Fourth Plan Period - Publication of Research Works including Doctoral Theses.

....

In the Fourth Plan, the Commission agreed to provide grants ranging from Rs. 5,000/- to Rs. 1,00,000/- to the Universities and Institutions deemed to be the Universities for the publication of research Works including Doctoral Theses for the Fourth Plan period ending 31st March, 1974.

A grant of Rs. 10,000/- has been allocated to the Bhopal University (newly established university) towards the publication of Research Works including Doctoral Theses etc. of the teachers and scholars of the University and its affiliated colleges for the Fourth Plan period.

3. Awadesh Pratap Singh University - Rewa - Grant in-aid for the purchase of Library Books and Journals for Humanities, Social Sciences and Science.

.....

In the beginning of the Fourth Plan period basic grants ranging from Rs. 75,000/- to Rs. 3 lakhs were allocated to the Universities for the purchase of books and journals. A grant of Rs. 1,50,000/- has been allocated to the A.P. Singh University, Rewa (newly established University) as a basic grant for the purchase of library books and journals for

science subjects and humanities and social sciences, subject to the condition that the same will be adjusted against the over-all Fourth Plan allocations to be made available to the University on the recommendations of the Fourth Plan Visiting Committee.

4. University of Delhi-Research Project on 'Hindi Sant-Sahitya-Kosha.'

..

The department of Hindi of the University of Delhi sent a proposal for undertaking a research project on 'Hindi -Sant-Sahitya-Kosha' which would be useful in relation to the Nirguna School of Hindi Poetry which has an important place in the History of Hindi Literature.

The proposal has been accepted at an estimated cost of Rs. 14,600/- as detailed below:-

i) T.A. for collecting material	Rs. 3,000/-
ii) Books and Periodicals	Rs. 5,000/-
iii) Office Assistant One (Rs. 150/- p.m.)	Rs. 3,600/-
iv) Stationary and Postage	Rs. 3,000/-

Total: Rs. 14,600/-

The project will be completed in two years.

.....

5. Proposal of the Gujarat Vidyapeeth to purchase Reprography and other audio-visual equipment and furniture for Library.

....

The proposal of the Gujarat Vidyapeeth, Ahmedabad for a grant of Rs. 66,667/- (being the 2/3rd of the estimated expenditure of Rs. 1,00,000/-) for the purchase of reprography and other audio-visual equipment and furniture for the Central Library has been accepted, subject to the condition that the share of the Commission viz. Rs. 66,667/- will be accommodated within the over-all IVth Plan allocations and the remaining 1/3rd of the proposed expenditure (i.e. 33,333/-) is met by the Vidyapeeth.

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6. Sri Venkateshwara University-Grant-in-aid for the purchase of books & journals for the law department.

...

The Commission at its meeting held on 2nd July, 1971 agreed to provide grants ranging from Rs. 10,000/- to Rs. 50,000/- to the Law Deptts. of the Universities for the purchase of books & journals outside the Fourth Plan allocations (Resolution No. 45). No assistance had been provided to the Sri Venkateshwara University at that time. Accordingly,

a grant of Rs.50,000/- has been allocated to the Sri Venkateswara University for the purchase of books & journals for the law department outside the Fourth Plan allocations.

....

7, Creation of a post of Reader in Ancient Indian Polity in the department of political Science under the 4th plan Development Schemes-Kashi Vidyapith.

...

In 1972 the Commission accepted the proposal of the Kashi Vidyapith for the creation of a post of Reader in Ancient Indian Polity in the department of Political Science and agreed to provide assistance for the purpose on 50:50 sharing basis upto the end of Fourth Plan period. (Resolution No.2(a)-5 dated 2nd August, 1972) later, the Kashi Vidyapith sent a proposal for the conversion of the post of Reader in Ancient Indian Polity in the department of Political Science to that of a general reader in the department of Political Science. This has been agreed to on the usual terms & conditions.

...

8. Bombay University-Creation of ^a post of Lecturer in the Deptt. of English under IV ~~Five~~ Year Plan period.

...

The deptt. of English at Bombay University was started in 1962 and has the following staff at present:-

Prof. & Head of the Deptt.	- One
Reader in English	- One
Reader in American literature.	-One

The deptt. has been conducting courses of Study leading to the M.A. degree by papers and the Ph.D. Degree. The total number of students is 63 for the M.A. Course and 7 for Ph.D. degree. In additions, 102 students are studying for the M.A. degree by papers and 6 students are registered for the Ph.D degree in the different constituent Colleges of the University. Teaching is done on Co-operative basis.

With a view to strengthening the teaching of English as a second Language, the Bombay University approached the Commission for the creation of a post of lecturer in the deptt. of English. The proposal has been accepted on condition that the expenditure on this account will be adjusted by the University within its Fourth Plan allocation and the post will be maintained by the University/ State Government after the UGC assistance ceases in 1973-74.

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9. Sanction of Special Book Grant to the Teachers Training Colleges.

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During 1969-70, grants amounting to Rs.10,000/- for a Teachers Training College conducting the B.Ed. Course & Rs.15,000/- for the College teaching B.Ed. and M.Ed. Courses were sanctioned to 211 Teacher Training Colleges, on a cent percent basis, for the purchase of books and Journals. 114 of these colleges have utilised the grants and selected accounts. It has been decided that the basic grant for books and journals on a cent percent basis (Rs.10,000/- for B.Ed. College and Rs.15,000/- for a College with B.Ed. and M. Ed. Courses.) which was approved in 1969-70 may be repeated in 1972-73 on the same basis and conditions. Accordingly this grant has been sanctioned to the Colleges which have utilised the earlier grant.

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10. To approve the action taken on certain matters. Grants to teachers training Colleges during the Fourth Plan period.

....

The Commission has approved the pattern of financial assistance for development of Teacher Education and Research during the fourth plan subject to a ceiling of Rs.2 lakhs for Colleges teaching upto B.Ed. & upto Rs.three lakhs for Colleges offering B.Ed. & M.Ed. Courses. The Commission may in exceptional cases provide an additional grant upto Rs.one lakh after such case is placed before the Commission.

The proposals of the following colleges have been accepted under the scheme.

S.No.	University	College	Item approved	Estimated Cost.	U.G.C. share	Sharing basis
1.	Calcutta	Gopal Chandra Memorial College of Education, New Barrackpore-2.	1.NRSC Building.	60,680/-	35,000/-	Maximum
			2.Books & equipment	10,000/-	7,500/-	75:25
				70,680/-	42,500/-	
2.	-do-	Gandhi Centenary B.T. College, Habra	Ext. of Library building including furniture.	1,04,000/-	69,633/-	66.2/3%
3.	Panjab	G.H.G.Khalsa College of Education, Gurusarsadhar	Const. of N.R.S.C.	62,160/-	35,000/-	
4.	-do-	D.A.V.College of Education for Women, Karnal.	1.Books & Journals	10,000/-	7,500/-	75:25
			2.Lab.Equipment.	5,000/-	3,750/-	-do-
			3.Lab. furniture.	3,000/-	2,000/-	66.2/3%
				18,000/-	13,250/-	

5.	Guru Nanak of Education, Amritsar.	Khalsa College, Chalk Boards	1,040/-	1,040/-	100%
6.	Jodhpur	Mahesh Teachers College, Jodhpur	Teachers Hostel (Three flats)	60,000/- 37,140/-	66.2/3 % (Balance under ceiling of Rs.1 lakh)
7.	Madras	Govt Training College for Women, Coimbatore	i) Women's hostel building	1,99,000/- 1,00,000/- (ceiling)	
			ii) Furniture	15,000/- 11,250/-	75:25 %
				<u>2,14,000/-</u>	<u>1,11,250/-</u>
8.	Kerala	N.S.S. Training College, Perumai Changacherry.	Science Laboratory & Lib. building including furniture Rs.17,000/- for sc. Lab.	1,34,325/- 89,550/-	66.2/3 %
9.	Gujarat	Vivekanand College of Education, Ahmedabad.	Construction of Teachers Hostel.	1,49,310/-	99,540/- -do-
10.	Poona	College of Ed. Shivaji Nagar, Nasik.	Extension of Lib. building	1,10,443/-	56,202/- 66.2/3% of 84,325/-
11.	Nagpur	Punjabhai Patel College of Education, Gondia, Maharashtra.	i) Women's Hostel (for 20 student)	82,810/-	62,107/- 75:25 %
			ii) Hostel furniture	5,000/-	3,750/- -do-
			iii) Books & Journals	15,000/-	11,250/- -do-
			iv) Library furniture	2,000/-	1,333/- -do-
			v) Psycholog- ical Equip- ment.	5,000/-	3,750/- -do-
				<u>1,09,810/-</u>	<u>82,190/-</u>
12.	Gujarat	B.D. Shah College of Education, Modasa.	i) Extension of Lab- oratory & Library.	85,438/-	56,958/- 66.2/3 %
			ii) Library furniture	6,862/-	4,574/- -do-
				<u>92,300/-</u>	<u>61,532/-</u>

13. Poona	M.G.V.(College of Education, Malegaon.	i)Chalk Boards	1,000/-	1,000/-	100%
		ii)Lab.Equipment.	20,000/-	15,000/-	75:25%
		iii)Lab.furniture.	20,000/-	13,333/-	66.2/3%
		iv)Books & Journals	30,000/-	22,500/-	75:25%
		v)Library furniture	10,000/-	6,667/-	66.2/3%
			81,000/-	58,500/-	

11. Grant to affiliated Colleges for the development of Post-Graduate Studies in the Humanities and Social Sciences.

.....

The proposals of the following colleges for the development of Post-graduate studies in the Humanities and Social Sciences have been accepted in accordance with the usual rules and conditions:-

S.No.	University	College	Item	Estim- approved cost	UGC share	Sharing basis
1.	Gujarat	Navjivan Arts & Commerce College, Dohad.	i)Books & Journals	20,000/-	15,000/-	75:25%
			ii)Furniture	5,200/-	2,600/-	50:50%
2.	Vikram	Govt.College, Rajgarh (Bilora)	i)Books & Journals.	15,000/-	11,250/-	75:25%
			ii)Furniture	5,000/-	2,500/-	50:50%
3.	Madurai	V.H.N.S.N. College, Virudhunagar.	Purchase of Books and Journals	30,000/-	22,500/-	75:25%

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12. S.N.D.T.Women's University, Bombay-Reappropriation of the grants allocated for the development of College of Education at Bombay under Teachers Training Programme.

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The University Grants Commission on the recommendations of the Committee appointed by it to examine the proposal of the S.N.D.T.Women's University, Bombay for the development of its College of Education at Bombay, accepted

the proposal of the University during 1970-71 at an estimated cost of Rs.10,02,000/-. The Commission's share being limited to Rs.6,55,000/-

The University sought the approval of the University Grants Commission for the reappropriation of funds indicated above as under:-

Purpose	Allocation approved by the Commission	Changes proposed by the University
1. Staff	Professor - 1 Reader - 1 Lecturers - 6 Technical Assistants - 3 Asstt. Librarian - 1	Professor -1 Readers -2 Lecturers -6 Technical Assistant -1 Jr. Technical Assistant -1 Assistant Librarian -1
2. Equipment and Test Material	Rs.80,000/-(NR)	Rs.65,000/-(N.R)
3. Books and Journals	Rs.50,000/-(NR)	Rs.50,000/-(NR)
4. Language Laboratory	Rs.75,000/-(NR)	Rs.1,05,000/-(NR)
5. Workshop	Rs.20,000/-(NR)	Rs. 5,000/- (NR)
6. Building	Rs.4,50,000/-(NR)	Rs.5,60,000/-(NR)
7. Furniture	Rs.45,000/- (NR)	Rs.56,000/-(NR)

The above reappropriation, suggested by the S.N.D.T.Women's University, Bombay has been accepted.

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13. Centre of Advanced Study in Physics, University of Madras-Extension of Junior Research Fellowship of Shri A.R.Srinivasan.

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On a reference from the head of the Centre of advanced Study in Physics, University of Madras, the extension of tenure of Junior Research Fellowship by six months has been agreed beyond the normal period of three years in respect of Shri A.R.Srinivasan at the Centre with effect from 6.12.1972 to enable the Scholar to complete his work for Ph.D.degree.

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14. Centre of Advanced Study in Physics, University of Madras - Extension of Junior Research Fellowship of Shri V. Parthasarthy.

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The Commission on a reference from the head of the Centre of advanced Study in Physics, University of Madras, agreed to the extension of the tenure of Junior Research Fellowship by six months beyond the normal period of three years in respect of Shri V.Parthasarthy at the Centre with effect from 21.1.1973 to enable the Scholar to complete his work for Ph.D.degree.

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15. Centre of Advanced Study in Botany, University of Madras - Organisation of the first International Symposium on 'Taxonomy of Fungi' during January, 1973.

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As reported to the Commission vide item 2(a)-6 at its meeting held on 6th October, 1971, an additional grant of Rs. 30,000/- besides Rs. 5,000/- available during 1972-73 to the Centre of Advanced Study in Botany, University of Madras under the head 'Seminars' was agreed to be provided for the organisation of International Symposium on Taxonomy of Fungi under Centre of Advanced Study in Botany.

Prof. C.V. Subramanian convener of the Symposium sent revised estimates amounting to Rs. 50,000/- to meet both accommodation charges and more especially the catering charges on account of rise in prices. The revised estimate of Rs. 50,000/- have been accepted and the University has been requested to meet the additional cost out of savings under other recurring heads of the Centre.

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16. Approval of Air Travel to candidates selected for participation in the Winter School being organised by the International Centre for Theoretical Physics at Trieste, Italy.

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The Commission at its meeting held on 6th December, 1972 (Vide item No. 77) considered the question of providing assistance for the purpose of travel etc. to candidates selected for participation in the Winter School being organised by the International Centre for Theoretical Physics at Trieste. It was resolved that in case of candidates selected for participation in short-term courses organised by institutions abroad and which were approved by University Grants Commission the Commission may meet the cost of international travel provided the inviting institution would meet the board/lodging charges and fees (if any) for the course. Such proposals when received would be placed before the Commission.

The Universities of Aligarh, Poona and Kalyani confirmed that the host institution agreed to meet the living cost in respect of Dr. M.S. Chaughtai, Dr. K. Sathianandan and Dr. P.S. Sarkar respectively. As the course was to be introduced with effect from 17th January, 1973 in Trieste, the above candidates have been allowed to proceed to Trieste (Italy) and the Air Travel by economy class direct route of their journey both ways has been approved. The expenditure in this connection would be re-imbursed to the universities concerned by the Commission.

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17. Programme of Special Assistance to the Department of Botany, University of Calcutta.

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The Commission had approved the provision of three Research Associates/Lecturers and two Senior Research Fellowships under Programme of Special

Assistance to the Department of Botany, University of Calcutta. The Head of the Department requested for conversion of the post of one Senior Research Fellowship to that of a Research Associate/Lecturer. In view of the justification given it has been agreed that a post of Senior Research Fellow may be converted to that of a Research Associate/Lecturer in the Department.

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18. University of Bombay, Centre of Advanced Study in Applied Chemistry, Department of Chemical Technology-Deputation of persons from the Chemical Industry in Bombay to work in the Centre for six-months to a year.

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The Head of the Centre of Advanced Study in Applied Chemistry, Department of Chemical Technology, University of Bombay, sent a proposal, on similar lines of the teacher fellowships available at the centre of Advanced Study in Universities, of inviting persons from the chemical industry in and around Bombay to work at the Centre for periods ranging from six-months to a year. He suggested that such a programme will help to create a close collaboration between the Industry and the Centre. The Head of the centre further informed that the persons deputed by the industry would receive their salary from their parent industry and proposed that a suitable grant may be approved by the Commission to meet the expenditure on Chemicals and other contingent items for undertaking the programme.

Keeping in view the mutual benefit to the industry as well as to the Centre under the scheme, the proposal of the Bombay University has been accepted fully for the 4th Plan period with an annual intake upto four persons from amongst the nominations made by the various industries for the purpose for the remaining two years of the Fourth Plan period for the present. A grant of Rs.2,000/- to each of these persons from the Centre's funds, to meet the expenditure on the chemicals and other contingent items during the training period, has also been approved. The continuation of this scheme beyond the 4th Plan period would be decided in the light of the working of the scheme and an expert review.

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19. Extension of the fellowships under the Integrated Research Scheme to study the Deccan Trap of Malwa Region and North of Narmada Valley.

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The Commission at its meeting held on 2nd April, 1969 (item No.13) approved to provide assistance to the universities of Saugar, Vikram, Poona, Bombay and Banaras Hindu University and also National Geophysical Research Institute, Hyderabad, under the Scheme of fellowship of Rs.500/-p.m. alongwith contingent grant of Rs.1,500/- p.m. for a period of three years in

connection with implementation of the Integrated Research Scheme to study the Deccan Trap of Malwa Region and North of Narmada Valley.

The Progress Report regarding implementation of the project was reported to the Commission at its meeting held on 5th April, 1972 (Item No.48).

On the recommendation made by Professor West, Head of the Centre of Advanced Study in Geology, Saugar University and Chief Co-ordinator of the project, the tenure of the following fellows under the scheme have been extended up to 31st March, 1973.

University	Name of the fellow	Date of appointment of the fellow
Bombay	Sh. S.J. Mahabre	28.2.1970
	" L.G. Gwalani	25.11.1970
Vikram	Sh. S. Sagar	23.10.1969
	" B.L. Narayana	23.10.1969
Banaras Hindu	Sh. S.B. Singh	28.11.1969
	" R.Y. Singh	28.11.1969

A meeting of the supervisors of the project at different universities is scheduled to be held in January, 1973 and the further working of the project will be reviewed depending upon the recommendations made at the meeting of the supervisors.

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20. College Science Improvement Programme-
Approval of grants to Colleges.

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The Commission, at its meeting held on 5th July, 1972 (Item No.52) while agreeing in principle to the participation of additional 38 colleges in College Science Improvement Programme, desired that detailed proposals from these colleges be obtained and examined in the usual manner.

Proposals from the following ten colleges, out of the above 38 colleges approved by the Commission have since been examined and ceiling grant to the extent of Rs.3,00,000/- to each has been approved for implementation of programme/activities under College Science Improvement Programme, spread over a period of three years:-

<u>College</u>	<u>University</u>
1. Maharaja's College, Vizianagram.	Andhra
2. Government College, Rajalmundry.	-do-
3. S.Nijalingappa College, Bangalore.	Bangalore
4. J.B.College, Jorhat.	Dibrugarh
5. Arya Vidyapeeth College, Gauhati.	Gauhati

- | | |
|------------------------------------------------------------|---------|
| 6. Sree Narayana College,
Quilon. | Kerala |
| 7. A.N.College, Patna | Magadh |
| 8. Nanak Ram Bhagwan Das
Science College,
Hyderabad. | Osmania |
| 9. Neki Ram Sharma Govt.,
College, Rohtak. | Panjab |
| 10. Bihar National College,
Patna. | Patna |

With the approval of grants to these ten colleges, the number of colleges so far assisted by the Commission under College Science Improvement Programme would come to 103.

21. Approval of grant to Nowrosjee Wadia College Poona for implementation of College Science Improvement Programme.

...

The Commission, at its meeting held on 2nd December, 1970 (item No. 24) agreed to provide a grant amounting to Rs. 90,000/- (Rupees Ninety thousand only) to the Nowrosjee Wadia College, Poona towards implementation of College Science Improvement Programme for a period of one year. Keeping in view the satisfactory progress of the implementation of COSIP by the college during the year 1971-72, a ceiling provision of Rs. 1,00,000/- (Rupees one lakh only) to the Nowrosjee Wadia College, Poona has been approved for the year 1972-73 as requested by the Principal of the College subject to the condition that the total assistance under the COSIP over a period of three years will not exceed Rs. 3 lakh.

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22. Acceptance of the recommendations of the Committee appointed by the Commission to recommend the proposals received from universities for the construction of Postgraduate students hostels outside the Fourth Plan allocations.

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The Commission at its meeting held on 3rd May, 1971 considered the question of providing assistance to the universities for the construction of postgraduate students hostels outside the IV-Plan allocations and agreed that assistance may be given to the universities for this purpose on usual sharing basis outside the Fourth Plan allocation and that each case be examined on merits.

2. In pursuance of the above decision of the Commission the proposals received from the universities for the construction of postgraduate hostels outside the IV-Plan allocation referred to a Committee appointed by the Commission for the purpose. The Committee met on 21st July 1971 and 18th March, 1972 and made certain recommendations. The recommendations were accepted by the Commission at its meeting held on 4th August, 1971 (Item No. 44) and 3rd May, 1972 (Item No. 13).

3. Further proposals were received from the following Universities for the construction of postgraduate hostels outside the 4th Plan allocation:-

1. Bhagalpur University
2. Osmania University
3. Gorkhpur University
4. Saurashtra University
5. Bombay University
6. Gauhati University
7. Ranchi University

Besides this some of the Universities reiterated their earlier requests for the construction of postgraduate hostels which were placed under the second priority by the Committee earlier.

The Committee again met on 11th Dec. 1972 to consider the fresh proposals received from the Universities for the construction of postgraduate hostels outside the IV-Plan allocation and also to review its earlier recommendations relating to proposals which were placed under second priority.

The extract of the recommendation of the Committee are given below:-

"The Committee reviewed its earlier recommendations relating to the proposals, which were placed under second priority at its meeting held on 18th March, 1972 with the additional facts and data brought to the notice of the Committee subsequently, and recommends the following proposals to be considered on a priority basis.

S.No.	Name of the University	No. of seats proposed		Remarks
		Men Students	Women Students	
1	2	3	4	5
1.	Gujarat	-	32	-
2.	Karnatak	-	50	-
3.	Bornampur	70	-	The University may plan for a hundred seated hotel but may undertake Const ruction presently only for 50.
4.	Lucknow	-	50	Extension to Women! hostel already sanctioned.

Item No.2. To consider fresh proposals for the construction of postgraduate hostels received from the universities.

...

S.No.	Name of the University	No. of seats proposed		Remarks
		Men Students	Women Students	
1.	Bhagalpur	100	-	-

2. Gorakhpur	-	50	While the University may plan a hundred seated hostel, construction may presently be taken up for a 50 seated one only.
3. Bombay	50	50	-
4. Ranchi	-	50	The University may plan a hundred seated hostel but presently construct a 50 seated one only.

In respect of the proposal from Osmania University the Committee noted that the details of the proposals have not yet been received.

In respect of the proposal from Saurashtra University the Committee desired that the existing approved scheme for postgraduate hostel may be utilised either at Bhavnagar or at Rajkot, as the University may decide; any additional provision at the present stage is not recommended. The Committee regretted that the Gauhati University's proposal cannot be agreed to at the present stage.

3. The Committee felt that as the fourth plan period is coming to a close, further proposals under the scheme for construction of postgraduate hostels outside the fourth plan may not be entertained further and future proposals may more appropriately be taken as a part of the 5th Plan.

The above recommendations of the Committee have been accepted.

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23. Summer Programme in operations Research to be organised at Bangalore in Summer 1973 by the Indian Institute of Management, Ahmedabad.

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The Commission agreed to provide TA/DA to teachers of universities and colleges (other than those of engineering/technical institutes/departments of management) invited to participate in the Summer Programme in operations research to be organised by the Indian Institute of Management, Ahmedabad at Bangalore in 1973 (Item 17, the U.G.C. Meeting August, 2nd 1972).

As this programme is being organised on the same lines as the Summer Institutes, it has been decided that the summer Institute rules may also be applied in the case of the teacher participants attending this programme from universities and colleges (other than those of engineering/technical Institutes/departments of management) and they have also been made eligible to out-of-pocket allowance @ Rs.2/-per day and presentation of books, teaching material @ Rs.200/- per participant.

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24. To write off the amount of Rs.20/-paid to Dr.I.M.Chilikov,Reader in Plant Breeding and Seed production, Sofia University who recently visited India under Item No.9 of Indo-Bulgarian Cultural Exchange Programme.

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Dr.I.M.Chilikov, Reader in Plant Breeding and Seed Production, Sofia University, Bulgaria, visited India from 20th September,1972 to 1st Oct.,1972 under Item No.9 of Indo-Bulgarian Cultural Exchange Programme 1971-72. On his arrival at Calcutta on 28th September, 1972 a sum of Rs.100/- towards his daily allowance @ Rs.20/-per day for the period from 29th September to 2nd October,1972 (both days inclusive),Dr.Chilikov was supposed to arrive Bombay from Calcutta on 3rd October,1972 but he left a day earlier i.e. 2nd Oct., 1972 and arrived in Bombay the same day. He also received Daily Allowance for 2nd October,1972 from the Bombay University.Since Dr.Chilikov has already left for Bulgaria, refund of pocket money allowance of Rs.20/- was not possible and it was agreed to write off the amount of Rs.20/- received in excess by Dr.Chilikov.

was paid
by Calcutta
University.

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25. To approve the uniform terms & conditions for all foreign language teachers under various Cultural Exchange Programmes.

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The Commission has been procuring the services of foreign language teachers under various cultural exchange programmes. The Government of India has decided to adopt some uniform terms and conditions for all foreign language teachers excluding those from France (for which a separate agreement has been signed). The terms & conditions are indicated below:-

<u>Item</u>	<u>Terms & Conditions</u>
Salary	The pay scales of teachers of similar rank and performing similar duties.
Accommodation	Suitable living accommodation to be provided to the teacher & family.
Expenses on internal travel on duty.	This is to be provided to the teacher.
Paid leave	Paid leave as per university/institution rules to be provided to the teacher .
Medical facility.	Free medical facilities to be provided to the teacher and his family.
Income tax exemption.	As admissible u/s 10(6)(ix) of the Income tax Act 1961.
Air Conditioner and Refrigerator	The teacher is to be provided with an air conditioner and refrigerator as part of the furniture etc.

In view of above terms and conditions, the Commission may meet the followings:-

1. Salary of the teacher
2. Paid leave according to ~~the~~ university rules.
3. The actual cost of an air conditioner & refrigerator.

The university/institution requiring the services of foreign language teachers may have to provide the following:-

1. Suitably furnished living accommodation
2. Internal travel on duty
3. Free medical facilities to the teachers & his family.
4. Payment of advance duty (if any)

The terms and conditions as adopted by the Government of India will be implemented by the Commission from the 1973-74 academic year.

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26. Construction of shooting range
Government College, Dhilwara.

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A grant amounting to Rs.2,378/- was sanctioned to Govt. College, Dhilwara (Rajasthan) for the construction of a shooting range. The College got the range constructed in 63-64 and submitted the required completion documents. The range was constructed in the campus about 20 yards away on the eastern side of the College building. The College has now reported that on eastern side of the College a Govt. Girls Higher Secondary School has been established, and further on this side a new colony is coming up. The College has stated that in view of these developments it is very dangerous to keep the range here and as such it has to be demolished and constructed elsewhere. The Collector, Dhilwara is stated to be allotting a land about one mile away from the college for the construction of long range for N.C.S. and short range too can be constructed there. The College approached the Commission to accord permission to demolish the range as the same was constructed under with Commission's assistance. Since the range has become unsuitable for the purpose for which it was constructed under the circumstances intimated by the college it has been decided to writeoff the grant of Rs.2,378/- paid to the college, The college has been informed to demolish the range and further that no grant will be paid for the construction of a new range.

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27. Acceptance of a request from the USSR Embassy in India for receiving 4 Soviet scholars to deliver a series of lectures on Lenin's contribution to mass culture as an instrument of mass education at some selected university centres in India outside the purview of the Indi-Soviet Cultural Exchange Programme 1972-73.

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The counsellor of the USSR Embassy in India approached the Commission with a proposal for the Visit

of 4 Soviet scholars the about ten days for delivering a series of lectures on Lenin's contribution to made culture an instrument of mass education. The scholars were invited earlier to attend a seminar on this subject in June, 1972 at Simla. The Soviet scholars could not participate at the seminar due to certain unavoidable circumstances.

The request of the Soviet Embassy to receive the four scholars from USSR for ten days in Jan-Feb., 1973 has been accepted and all expenses on their internal travel, board, lodging, out of pocket money allowance have been agreed to be borne by the Commission. The names of the Soviet scholars and the topics of their lectures are indicated below:

<u>Name of the Soviet Specialist</u>	<u>Topic of lecture</u>
1. Academician Asimov	Lenin on education
2. Prof. Akhramovitch	National Integration and self-determination of nations.
3. Dr. Babkina (Mrs.)	Lenin's philosophy of culture.
4. Dr. Troitskaya (Mrs.)	Mobilisation, mechanism and mass-participation for social reconstruction.

The Government of India have accorded the necessary concurrence/clearance for the above list.

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28. Implementation of the Scheme for undertaking writing of Books/Monographs by Indian Authors.

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The Commission at its meetings held on 8th Feb. 71 (Item No. 8), 6th October, 1971 (Item 2(b.6) and 2nd Feb. 1972. (Item 2(b.6) noted the Selection of Supervisors/ Authors in different subjects for writing of books/ monographs at the University Level.

The Selection Committee appointed by the University Grants Commission under the scheme for preparation of University Level Books met on 23.10.1972 to make selections of the proposals on Book Writing projects and to consider other related matters. The recommendations made by the Selection Committee at its meeting held on 23.10.1972 are appended herewith as Annexure. The Committee recommended 44 proposals for acceptance. Subsequently more proposals had been accepted in terms of the recommendations of the Committee. Thus the total number of projects selected so far during 1972-73 under the Book Writing Scheme comes to 51.

The recommendations made by the Committee have been accepted and action has been taken accordingly.

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29. Utilization of Services of Retired Teachers- Extension of Award-Professor S. Ray.

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29. Utilization of Services of Retired Teachers -
Extension of Award - Prof. S. Ray.

Assistance to a teacher under the University Grants Commission scheme of retired teachers is normally for a period of three years in the first instance which may be extended thereafter upto five years till the age of 68.

The proposal for extension in the tennure of Prof. S. Ray who has been working in the Department of Islamic Studies, Jadavpur University since 25.8.1971 beyond the present tennure i.e. 31.12.1972 was not accepted earlier as Professor Ray would have crossed the age of 68.

However, on the recommendation of the Jadavpur University the tennure of Professor Ray has now been extended till the end of present academic year i.e. upto 30.6.73, as a special case.

30. Award of Research Fellowship in Engineering and Technology - Shri R.K. Bhardwaj.

Teachers who are awarded Research Fellowships are usually permitted to draw leave salary during the tennure of fellowship, provided their total emoluments including the fellowship do not exceed the last pay drawn.

On the recommendation of the Principal, Motilal Nehru Regional College of Engineering, Allahabad, Shri R.K. Bhardwaj, Header in Mechanical Engineering has been allowed to draw the study leave salary as per College rules during the tenure of his fellowship.

31. Junior Research Fellowship in Science -
Extension of tenure of Award.

Under rules, Junior Research Fellowships are tenable for a period of three years.

On the recommendation of the Supervisors and the Institutions concerned the tenure of the following fellows has been extended by six months beyond three years to enable them to complete their research work.

S.No.	Name and Institution	Date of Joining	Tenure Expiration on	Extension of tenure granted upto
1.	Shri D.R. Yadav Allahabad Univ.	10.10.1969	9.10.72	9.4.1973
2.	Shri Anant Ram Bhandari Punjab Agriculture, University.	1.11.1969	1.11.1972	30.4.73
3.	Smt. Mira Ghosh Calcutta University	10.12.1969	9.12.1972	9.6.73

32. Junior Research Fellowship in Science and Humanities - Leave without fellowship - Kumari Veena Huilgol and Shri V.D. Thomas.

leave without fellowships for a maximum of three months may be granted to a fellow on academic ground during the tenure of award..

On the recommendation of Panaras Hindu University, leave without fellowship for a period of six months has been granted to Kumari Veena Huilgol, Junior Research Fellow in the Department of Botany, and to Shri V.D. Thomas, Junior Research Fellow in Department of English with effect from 20.9.1972 and 17.8.72 respectively, to enable them to work as temporary Lecturers at the University.

The period of leave will count towards the fellowship tenure of Kumari Huilgol and Shri Thomas.

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33. Utilisation of Services of Retired Teachers-
Additional Honorarium-Shri E.W.P. Thomas.

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A teacher under the UGC retired teachers scheme is permitted to accept additional honorarium upto Rs.4,000/-p.a. from the institution where he is placed with the approval of the Commission.

Shri E.W.P. Thomas is a teacher selected under the UGC scheme of utilisation of services of outstanding retired teachers and is placed at Jammal Mohamed College, Tiruchirapalli. The proposal of Regional College of Engineering, Tiruchirapalli for utilizing the services of Shri Thomas for teaching work at the R.E.C. also and to pay him an honorarium of Rs.4,000/- for this purpose has been accepted as the Jamal Mohamed College has no objection to this arrangement.

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34. Award of Scholarship for Honours Studies in
Arabic - Shri Mohd. Mukarram Ahmad.

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The Selection Committee for award of Scholarships for Honours and Postgraduate Studies in Arabic and Persian at its meeting held on 24th August, 1972 recommended that Shri Mohd. Mukarram Ahmad may be awarded a scholarship for his Honours Studies in Arabic if he gives up his assignment as Imam and if the Principal of Delhi College, certified that Shri Ahmad is pursuing his studies on a full time basis. On receipt of a certificate from the Principal that Shri Ahmad is pursuing his studies on a full time basis and on confirmation from Shri Ahmad that the amount which he receives as Imamat is not his salary but an honorary offering for the duties as Imam actually meant for his family consisting of 11 members, it has been decided to award the scholarship @ Rs.1,200/-p.a. to Shri Ahmed to enable him to pursue his Honours Studies in Arabic at Delhi College.

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35. Utilization of Services of Retired Teachers
-Extension of Award - DR.P.B.R. Murti.

...

Under rules governing the retired teachers scheme, assistance to teachers is limited to a period of three years in the first instance and may be

extended thereafter till the age of 68. The total period of award does not normally exceed five years.

The question of extension of the tenure of Dr.P.B.R.Murthi is being placed before the U.G.C. Committee on Retired Teachers at its meeting to be held in February,1973. Meanwhile, on the recommendation of the Vice-Chancellor Andhra University, the tenure of Dr.Murthi has been extended till the end of the present academic year i.e. upto 30.6.1973, as a special case.

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36. Raja Peary Mohan College, Uttarpara (Hooghly)
Financial assistance to teachers - the late
Dr. Asimivoti De.

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In May 1969, the University Grants Commission approved a sum of Rs.500/- for field work in connection with research work of Dr. Asimjyoti De entitled 'The Role of Spotted Dove in Agricultural Economy of West Bengal' under the scheme of financial assistance to teachers, and Rs.250/- was paid to Raja Peary Mohan College, Hooghly as first instalment of grant. The amount was paid to Dr. De by the College. Dr. De expired on 19-9-1969 before he was able to furnish any statement of accounts.

Since the College is not in a position to submit utilisation certificate for the grant which had been paid to the late Dr. De, it has been decided to write off the amount of Rs.250/-.

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37. Research Fellowships in Humanities including
Social Sciences and Sciences - Second Award
during the year 1972-73.

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With a view to encouraging advanced study and research in Humanities including Social Sciences and Science subjects, the Commission has been awarding Senior and Junior Research Fellowships of the value of Rs.500/-p.m. and Rs.300/-p.m. respectively twice a year in June and November. Sixty Senior Research Fellowships and 120 Junior Research Fellowships are available for award every year. These fellowships are distributed between humanities and Sciences on the basis of applications received from eligible candidates.

For the second award during 1972-73, 1052 candidates applied for award of Senior and Junior Research Fellowships in Humanities and Sciences, of which only 829 candidates fulfilled the conditions of eligibility laid down by the Commission for award of fellowships viz. doctorate degree or equivalent published research work for award of Senior Research Fellowships and at least one year's research experience after obtaining master's degree in Ist or IInd division for award of Junior Research Fellowships. Of the 829 candidates eligible for award of Research Fellowships 235 (65 in Humanities and Social Sciences and 170 in Sciences) were for Senior Fellowships and 594 (232 in Humanities and Social Sciences and 362 in Sciences) for Junior Research Fellowships.

The Selection Committees for considering applications for the supplementary award of Fellowships in Humanities (including Social Sciences) and Sciences met on 22nd, 23rd, 28th, 29th and 30th November 1972.

In the first selection held in June 1972, 54 Senior and 110 Junior Research Fellowships were awarded against the available total number of 60 Senior and 120 Junior Research Fellowships. Of these, 40 Senior and 92 Junior Research Fellowships were availed of by the candidates. Twenty Senior and 28 Junior Fellowships were thus available for the supplementary award. As the number of applications for Junior Research Fellowships was much larger than for Senior Fellowships, 5 Senior Research Fellowships were converted into 9 Junior Research Fellowships. The Selection Committees recommended 16 candidates - 6 in Humanities and 10 in Sciences for award of Senior Fellowships and 37 candidates - 15 in Humanities and 22 in Sciences for award of Junior Fellowships.

The recommendations of the Selection Committees were placed before the Standing Committee for Scholarships and Fellowships at its meeting held on 7th December, 1972 and were accepted by the Standing Committee. The names of the candidates recommended by the Standing Committee for award of Senior/Junior Research Fellowships in Humanities, Social Sciences and Sciences are at Annexure.

The Standing Committee reiterated its earlier recommendations that the value of UGC-Senior Research Fellowships be raised from Rs.500/- p.m. to Rs.700/- p.m. and the Junior Research Fellowships from Rs.300/- p.m. to Rs.400/- p.m. but the Chairman of the Standing Committee has suggested that the revisions may be made in the V Plan and incorporate in the budget proposals for 1974-75.

33. Senior/Junior Research Fellowships in Humanities/Science including Social Sciences - Leave without Fellowships.

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Under rules leave without Fellowship for a maximum period of three months may be granted to a fellow on academic grounds during the tenure of award on the recommendations of the Supervisor and the Institution concerned.

On the recommendations of the Supervisor/Institution concerned leave without Fellowship has been granted to the following fellows for the period mentioned against each beyond 3 months.

Name, Department and Institution	Period of Fellowship	Type of Research Fellowship	Period for which leave without fellowship sanctioned	Ground on which leave sanctioned
	From To			
1. Sh. Vijaya Krishna Deptt. of Chemistry Allahabad University	15.12.71 to 14.12.74	Junior	3 months from 20.12.72 to 19.3.73	Working as a temporary Lecturer

2.	Sh. Dinesh Singh Deptt. of Physics Banaras Hindu Univ.	11.8.72 to 10.8.75	Junior	3 months 13.12.72 to 12.3.73	working as a temporary Lecturer.
3.	Sh. C.P. Singh Deptt. of Physics Banaras Hindu Univ.	1.5.72 to 30.4.74	Senior	3 months 24.10.72 to 23.1.73	-do-
4.	Km. N. Wizarat Deptt. of Pol. Science Aligarh Muslim Univ.	9.9.70 to 8.9.73	Junior	6 months 1.2.72 to 31.7.73	
5.	Km. V.K. Sharma Deptt. of Hindi Rajasthan Univ.	29.7.70 to 28.7.73	-do-	8 months 19.8.71 to 18.4.72	
6.	Shri Z.A. Nizam Deptt. of Pol- Science, Jiwaji University	15.10.69 to 14.10.72	-do-	3 Months 20.7.71 to 11.11.71	
7.	Km. V. Jayaswal Deptt. of / Banaras Hindu Univ. / Archaeology	1.8.70 to 31.7.73	-do-	9 Months 21.7.71 to 30.4.72	
8.	Km. V. Damle Deptt. of Russian J.L. Nehru Univ.	1.1.71 to 31.12.73	-do-	One year 19.9.72 to 18.9.73	
9.	Sh. Mohan Chand Deptt. of Sanskrit Delhi University	1.4.72 to 31.3.75	-do-	6 Months 19.10.72 to 30.4.73	
10.	Shri Musafir Singh Deptt. of English Banaras Hindu Univ.	22.12.70 to 21.12.73	-do-	3 Months 5.9.72 to 4.12.72	
11.	Shri V.D. Thomas Deptt. of Sanskrit Banaras Hindu Univ.	11.12.71 to 10.12.74	-do-	6 Months 17.8.72 to 16.2.73	
12.	Shri M.N. Rai Deptt. of Hindi Banaras Hindu University,	14.12.70 to 13.12.73	-do-	3 Months 7.1.72 to 15.5.72	

39. Senior Research Fellowships in Humanities
including Social Sciences and Sciences -
Extension of Tenure Dr.S.C. Bajapai.

....

Under rules, Senior Research Fellowships are
tenable for a period of two years and may be extended
by one year in special cases.

On the recommendation of the Jawahar Lal Nehru University, the fellowship tenure of Dr.S.C.Bajpai was extended to the third year and has now been further extended by six months beyond three years on the recommendations of the Vice-Chancellor of the University, with effect from 5.12.1972 to enable Dr.Bajpai to complete his research work.

....

40. Junior Research Fellowships in Humanities including Social Sciences and Sciences-Extension of tenure-Kumari Kiran Agrawal.

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Under rules, Junior Research Fellowships are tenable for a period of three years.

On the recommendations of the Banaras Hindu University the fellowship tenure of Km.Kiran Agrawal has been extended by six months beyond three years from 15.12.1972 to enable her to complete her research work.

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41. Award of Research Fellowships in Engineering and Technology during 1972-73.

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The Selection Committee for award of Research Fellowships in Engineering and Technology at its meeting held on 17th August, 1972 recommended that fellowships may be awarded to 82 candidates subject to their obtaining 1st division in the master's degree examination. As the following 19 candidates have fulfilled this condition, research fellowships of the value of Rs.400/- p.m have been awarded to them during 1972-73. Of the remaining 63 candidates, awards have already been made to 25. Results of other candidates are awaited:-

<u>S.No. & Name</u>	<u>Subject</u>	<u>Centre</u>
1. Shri C.J.M.Reddy	Chemical Engg.	Regional Engg., College, Warangal.
2. " K.Jagadish	-do-	-do-
3. " A.K. Arora	Electrical Engg.	Roorkee Univ.
4. Smt. N.K.M.Lakshmi	Pharmacy	Andhra Univ.
5. Shri D.R.M.Rao	-do-	-do-
6. " V.S.Murthy	-do-	-do-
7. " Ajai Nigam	Chemical Engg.	H.B.T.I.Kanpur
8. " S.K.Awasthi	-do-	-do-
9. " B.R.Vishwakarma	Elect. Engineering	Banaras Hindu University
10." T.R.Murthi	Metallurgical Engineering	-do-
11." Ram Phal Ram	-do-	-do-
12." J.K.Goel	-do-	-do-
13." Naresh Chander	Elect. Engineering	Roorkee University
14." R.Khetarpal	-do-	-do-
15." K.J.Singh	-do-	-do-
16." Raj Kumar	-do-	-do-
17." Vinod Kumar	Mechanical Engineering	-do-
18." S.C.Singhal	-do-	-do-
19." C.K.Mehta	-do-	-do-

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42. Deputation abroad of Dr. R. D. Deshpande Joint Secretary, U.G.C. for attending the conference on 'Integrated Science Teaching' to be held at Maryland (USA) from 3rd April, 1973 to 13th April, 1973.

....

Dr. R. D. Deshpande, Joint Secretary, U.G.C. has been permitted by the Commission to visit Kingston (West Indies) from 29th March, 1973 to 2nd April, 1973 as on deputation abroad (vide item 85 (iii) of the minutes of the Commission meeting held on 6th December, 1972) for participating in the Symposium on the Social Significance of Science and Mathematics Teaching in the Commonwealth.

Dr. R. D. Deshpande also received an invitation from the Secretary, International Council of Scientific Unions Committee on Science Teaching, London, for attending the conference on 'Integrated Science Teaching' to be held in Maryland (USA) from 3rd to 13th April, 1973. The additional financial expenses for attending the above conference will be met by ICSU or Unesco under a contract with the ICSU.

The Chairman, U.G.C. has accordingly permitted Dr. R. D. Deshpande to attend the above conference in continuation of his participation in the Symposium at Kingston subject to the necessary clearance from the Government of India. It has been decided to treat the period of his absence on this account also as deputation abroad and during this period he would receive his full pay and allowances as on duty in the U.G.C.

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43. Note on the present position regarding the case filed by U.G.C. against the Commercial University Limited, Delhi.

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The Commission at its meeting held on the 3rd and 4th December, 1958 (Item No. 7) noted the steps taken by the U.G.C. in consultation with the Law Ministry and the Public Prosecutor to file complaint in the competent court against the Commercial University Limited, Delhi which had violated Section 23 of the U.G.C. Act.

The Commission also noted its meeting held on the 1st December, 1971 (Item No. 12) that the Additional Session Judge pronounced two judgements in April and May, 1971 convicting the three Directors of the Commercial University Limited under Section 24 of the UGC Act for contravening the provision of Section 23 of the said act and the accused had filed appeals in the High Court of Delhi against the judgements of the lower court, and authorised the Secretary, U.G.C. to sign the 'Wakalatnam' to be given to the Government Advocate for appearing in the High Court.

In January, 1972 the learned Judge of the High Court of Delhi pronounced the judgement confirming the

conviction and sentence passed by the lower court on the accused and dismissed their appeals. But on being granted a certificate by the High Court under Article 134 (1)(c) of the Constitution to file an appeal in the Supreme Court, the accused have filed appeals in the Supreme Court of India which have been registered as Criminal Appeals No.253 and 254 of 1972. In order to pursue the case in the Supreme Court of India, the U.G.C. has contacted Shri R.N.Sachthey, Additional Government Advocate, Central Agency Section, Supreme Court Building; and the two Vakalatnamas duly signed by the Secretary, U.G.C. for pursuing the cases in the Supreme Court at the appropriate stages. The Counsellor when engaged to represent these cases in the Supreme Court will be paid fees as per prescribed rates and as certified by the Central Agency Section of the Ministry of Law.

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44. Grant of higher initial salaries to the teachers against the posts approved by the Commission for the Fourth Plan Period.

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The Universities of Aligarh, Gujarat and Guru Nanak had earlier forwarded details of teachers selected by them for appointments against the different posts sanctioned for Science Departments in 4th Plan by the Commission on Higher initial salary involving more than give advance increments. In view of the qualifications, experience and emoluments already drawn by these teachers and also in view of the recommendations of the selection committees of the universities concerned the appointments of the following teachers on a higher initial start in their respective scales have been approved:

S.No.	Name of teacher designation department and university	Starting salary offered in the respective grade.	Grade
1.	Dr.Mohd.Haseeb Rizvi,Reader in Statistics, Department of Maths & Statistics,Aligarh Muslim Univ.	Rs.1250/-p.m.	700-50-1250
2.	Dr.M.M.Laloraya, Reader, Botany Department,Gujarat University.	Rs.1,000/-p.m.	700-50-1250
3.	Dr.Baldev Singh Minhas, Reader, in Chemistry, Deptt. of Chemistry Guru Nanak University.	Rs.1,000/-p.m.	700-50-1250

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45. Gujarat University Financial assistance for drilling a bore in the University Campus under Students Amenities Programme.

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In December, 1972 the Commission received a proposal from the Vice-Chancellor Gujarat University for drilling an additional bore in the University Campus to maintain the supply of water to various hostels building and the botanical garden in the University Campus at an estimated cost of Rs.1,00,000/- and sought financial assistance of Rs.50,000/- from the Commission under the students Amenities programme, the other 50% to be provided by the State Govt.

In view of the need and circumstances stated by the Vice-Chancellor the proposal of the Gujarat University for drilling a bore in the campus of the University has been accepted at 50% of the actual cost of the project or Rs.50,000/- whichever is less (provided the other 50% is met by the State Govt.) The grant would be (under 'Students Amenities Programme') and outside the IV Plan allocation of the University.

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46. Birla College of Science & Education, Calcutta
Sanction of grants to the:

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Birla College of Science and Education, Calcutta-17 (Calcutta University) was sanctioned a grant of Rs. 1,21,763/- (Commission's Share) for the purchase of Lab. Equipment and Books and Journals during Oct., 1971. A sum of Rs.35,000/- has so far been released to the College on this account.

The Calcutta University has suggested that no further grant be paid to the College as the College has failed to appoint a full time Principal and a "show cause" has been submitted to it by the University. Consequently all payments to the College have been stopped.

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47. Malda Women's College, Malda (North Bengal University) - Sanction of book grant of Rs.4,500/- for 1970-72.

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The Commission provides assistance to the extent of Rs.4,500/- to colleges with enrolment below 500 for purchase of books and journals on a cent percent basis. Accordingly The Malda Women's College was sanctioned a sum of Rs.4,500/- for 1970-72 out of which an amount of Rs.3,375/- was released to the College on 26th March, 1971. The College, However, did not receive the sanction letter and the payment of the 1st instalment was made in October, 1971. From the Utilisation Certificate submitted by the College it was observed that the expenditure incurred for the purpose was from 8.7.1970 i.e. prior to the actual date of sanction. The College intimated that the books were purchased by taking loan as their need for acquiring a minimum number of books was urgent. Moreover, this being a new College the procedure was not known to it. The expenditure incurred by the College has therefore been accepted and the balance grant of Rs.1,125/- has been paid to the College.

48. Financial Assistance was sanctioned to the Colleges listed below for their development project subject to the normal rules and within the approved financial ceiling for Rs. three lakhs per college.

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Sl. No.	Name of the College	Purpose of grant	Approved cost	UGC Share
1	2	3	4	5
1	Shri U.N. Mehta Arts & N.G. Mehta Law College, Morvi (Saurashtra Univ.)	Chalkboards	1,000	1,000
2	Anandamohan College, Calcutta (Calcutta University)	Books and Journals	8,000	6,000
3	Smt. H.C. Patel (Kandari) Arts and Commerce College, Miyagan Kargan (Gujarat University)	Chalkboards	2,500	2,500
4	Sri C.M. Patel F. Arts College and Dhaboi N. Science College, Dhaboi (Gujarat University)	Chalkboards	11,500	1,500
5	Sree Narayana College Chempazhanthi (Kerala University)	Semi Micro Analysis equipment	5,000	5,000
6	Nabadwip Vidyasagar College, Nabadwip (Calcutta University)	Laboratory equipment & Laboratory furniture	90,000	65,416
7	Sitabai Arts College, Akola (Nagpur Univ.)	Library building	4,71,410	3,00,000
8	M.G. Science Institute, Ahmedabad (Gujarat University)	Tube-well & overhead Tank	1,52,239	76,119
9	Vivekananda College of Arts, Ahmedabad (Gujarat University)	Teaching accommodation	94,168	49,266
10	Govt. College, Sopore (Kashmir University)	Library building	3,72,600	2,48,400
11	K.V. Parekh Science and M.T.K. Parekh Arts College, Mahuva (Saurashtra Univ.)	Library building	1,07,907	71,938

1	2	3	4	5
12	Raja Rammohan Roy Mahavidyalaya, Radhanagar (Burdwan Univ.)	Teachers Hos- tel for 12 teachers	2,72,173	1,81,448
13	Govt. College, Baramulla (Kashmir Univ.)	Non Resident Students Centre	90,200	35,000
14	Mar Ivanios College, Trivandrum (Kerala University)	Library furniture	27,780	18,520
15	N.S.S. College, Manjeri (Calicut University)	Library building	1,24,000	82,666
16	Velu Thampi Memorial N.S.C. College, Dhanuvachapuram (Kerala University)	1. Principal Bungalow - 2. Staff Qrs. for four teachers	35,000 0 88,000	17,500 0 44,000
17	Christ College, Irinjalakuda (Calicut University)	Library building	3,23,730	2,15,820
18	Dayanand Arts College, Latur (Marathwada Univ.)	Teaching accommodation	3,40,691	2,27,127
19	H.L. College of Commerce, Ahmedabad	Tube-Well	73,161	36,580
20	Desai C.M. Arts and Commerce College, Virangam (Gujarat University)	Teaching Accommodation	65,539	43,693
21	Govt. Arts and Commerce College, Gandhinagar. (Gujarat University)	Books	40,000	30,000
22	St. Xaviers College, Ahmedabad (Gujarat University)	Tube-well in college campus	31,192	15,596
23	P.E.S. Dr. Babasaheb Ambedkar College of Arts and Commerce, Aurangabad (Marathwada University)	Chalkboards	6,024	6,024
24	Yogada Satsanga Palpara Mahavidyalaya, Palpara (West Bengal) Calcutta University <u>Karnatak University</u>	Chalkboards	1,800	1,800
25	<u>Veerasaiva College, Bellary</u>	Construction of Lab. Building	3,00,000 (Revised approval)	1,80,000

1	2	3	4	5
	Veerasaioa College, Bellary	Construction of Lab. Bldg.	3,00,000	1,80,000
26	Karnatak Arts & Karnatak Sc. College, Dharwar	Purchase of Library furniture	1,39,360	92,906
27	Kittel College,, Dharwar	Women's Hostel and Wardens quarters	3,40,621	2,31,864
28	Vijayanagar College, Hospet	Construction of additional teaching accommodation	1,14,000	1,68,993
29	Govt. A.S.M. College of Women, Bellary	Construction of Women's Hostel and purchase of furniture	2,36,849 (Revised approval)	1,77,636
<u>Utkal University</u>				
30	N.C. College, Jaipur	Construction of staff quarter	4,26,811.50	2,13,405 -75
31.	Govt. Evening College, Puri	Construction of Teacher's Hostel	2,48,236	1,65,490
32.	Atal Behari College, Basudebpur	Construction of N.R.S.C.	40,200	35,000
33	S.C.S. College, Puri	Construction of staff quarters	3,89,116	1,94,558
34	Mahila College, Puri	Purchase of Chalk boards	7,700	7,700
<u>Bangalore University</u>				
35	Christ College, Bangalore	Construction of Cycle shed	19,171	9,586
<u>Mysore University</u>				
36	D.R.M. College, Devangere	Construction of additional teaching accommodation	3,70,826.65	1,96,090
37	Sri Venkateswara Swamy College, Bantval (S. Kanara)	Purchase of Semi Micro analysis equipment	5,000	5,000

1	2	3	4	5
33	Sri Venkateswara Swamy College, Bantval (S. Kanara)	Purchase of Books and Laboratory furniture	71,000	49,833
35	College of Fine Arts, Manasagangotri	Construction of Lecture Theatres	2,28,820	1,52,546
40	A.V.K. College for Women, Devangere	Construction of Teaching accommodation	3,70,826	2,47,218
41	Institute of Social Sciences, Roshni Nilaya, Mangalore	Purchase of chalk board	1,000 (Revised approval)	1,000
42	Sri Jagadguru Murugh-arajendra of Arts, Sc. & Commerce College, Chitradurga (Mysore)	Purchase of Laboratory equipment, furniture & Books & Journals	1,37,000	1,00,917

A. P. Singh University

43	Shaheed Kedarnath Mahavidyalaya, Rewa	Construction of N.R.S.C.	28,345	28,345
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Panjab University

44	Vaish College, Bhiwani	Construction of class rooms	1,08,496	72,330
45	D.A.V. College for Women, Karnal	Construction of cycle shed	48,747	24,373
46	Guru Nanak Khalsa College, Yamuna Nagar	Purchase of Semi Micro	6,000	5,000
47	Hindu Girls College, Jagadhri	Construction of Non-Resident Students Centre	23,124	23,124
48	Govind National College, Narangwal (Ludhiana)	Construction of Teachers Hostel	1,99,572 (Revised estimates)	1,33,048

Borhampur University

49	Science College, Hinjlicut	Construction of N.R.S.C.	50,762	35,000
50	Vikram Deb College, Jaypore	Construction of staff quarters	4,13,925	2,06,962. 50

1	2	3	4	5
<u>Indore University</u>				
51	Islamia Karimia College Indore	Construction of Library Bldg.	1,89,530	1,26,354
52	-do-	Purchase of Books	1,00,000	75,000
53	Govt. Art's & Commerce College, Indore	Construction of N.R.S.C.	92,867	70,000
54	Govt. Sanskrit Degree College, Indore	Construction of Library Bldg.	1,41,482	94,322 (Revised estimates)
55	-do-	Construction of Men's Hostel	1,27,964	63,983 (Revised estimate)
<u>Saugar University</u>				
56	Govt. Home Science College, Hoshangabad	Purchase of Chalk Board	3,480	3,480
57	-do-	Purchase of Semi Micro	5,000	5,000
58	R.D. Govt. College, Mandla	-do-	5,000	5,000
59	Govt. Degree College, Bina	-do-	5,000	5,000
<u>Vikram University</u>				
60	Govt. College, Jaora	Construction of Teacher's hostel	1,54,080	1,02,720
61	-do-	Laboratory equipment & furniture	80,000	58,333
62	Govt. College, Dhar	Construction of Teaching accommodation	88,704	59,136
63	Govt. College, Jhabua	Construction of Teacher's Hostel	3,25,200	2,16,800
<u>Rajasthan University</u>				
64	Govt. College, Sambhar Lake.	Purchase of Chalk Board	1,050	1,050
65	Govt. College, Bundi	Construction of library Building	2,38,589	1,59,059 (Revised approval)

1	2	3	4	5
66	M.S.J. College, Bharatpur	Purchase of Books	40,000	30,000
67	Bangur College, Pali	Purchase of chalk boards	1,000	1,000
68	Govt. College, Jhalawar	Laboratory equipment	16,000	12,000
69	-do-	Purchase of furniture	4,000	2,666
70	-do-	Library Books	5,000	3,750
71	M.S.J. College, Bharatpur	Construction of N.R.S.C.	1,15,600	70,000
72	Govt. College, Banswara	Library Books	5,000	3,750
<u>Penjabi University</u>				
73	Govt. Vikram College of Commerce, Patiala	Construction of Cycle shed cum scooter shed	46,200	23,100
74	Govt. College, Ropar	Construction of N.R.S.C.	59,253	59,253
75	-do-	Construction of cycle shed	33,570	16,785
<u>Ravi Shankar University</u>				
76	Mahasamund College, Mahasamund	Purchase of books & Journals	10,000	7,500
77	Diwan Bahadur Dau Kalyan Singh Arts & Commerce College, Balodabazar	Construction of N.R.S.C.	61,967	35,000
<u>Sambalpur University</u>				
78	J.L.N. College, Patnagar	Construction of Library	67,300	44,867
<u>H.P. University</u>				
79	G.G. Dutt College, Baijnath	Construction of Library Building	1,47,035	98,023
<u>Guru Nanak University</u>				
80	Doaba College, Jullundur	Purchase of Chalk board	8,480	8,480
<u>Bhopal University</u>				
81	S.S.L. Jain College, Vidishal	Construction of N.R.S.C.	94,000	70,000

49. Lucknow University - Financial assistance for the introduction of a Diploma course in Journalism.

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The University Grants Commission at its meeting held on 4th October, 1972 accepted in principle, the recommendations made by the Committee for starting a Diploma Course in Journalism at the Lucknow University.

The Committee had recommended that the University should introduce the course in journalism after it has taken steps for the establishment of a printing press and a committee of experts is constituted to advise the University regarding the syllabus for the proposed course.

On 20th October, 1972, the Vice Chancellor of the Lucknow University informed that the University had taken steps for the establishment of the press and also made temporary arrangements with a private press. The Vice Chancellor further informed that a committee of experts has been constituted to work out the details of the proposed course. Accordingly, it has been agreed to provide the following assistance to the Lucknow University for the introduction of a diploma course in journalism for the period ending 1973-74 :

<u>Recurring :</u>	<u>Estimated expenditure for the period ending 1973-74</u>
i)	
i) Reader - One	Rs. 58,000/-
Lecturers - Two	
Part-time lecturers - Two	
ii) T.A./D.A/Honorarium to visiting journalists and scholars	Rs. 10,000/-
iii) Publication of Lucknow University News.	Rs. 10,000/-
iv) Training allowances & T.A. to teachers and students :	Rs. 10,000/-
	<u>Rs. 88,000/-</u>
<u>Non-Recurring</u>	
i) Books and Journals	Rs. 10,000/-
ii) Furniture and equipment	Rs. 5,000/-
iii) Typewriters - 5	Rs. 7,500/-
iv) Duplicating Machine - 1 (Electrically operated)	Rs. 6,500/-
	<u>Rs. 29,000/-</u>
Total	
Grand Total (NR + R)	Rs. 1,17,000/-

The contribution of the U.G.C. on the usual sharing basis (viz. 50 : 50 for recurring, 2/3 : 1/3 for non-recurring and 100% for books and journals) will be limited to Rs. 66,667 and the same will be provided within

the overall IV Plan allocation of the University. The approval is subject to the condition that the posts created and the recurring expenditure under the scheme will be continued after the assistance from the Commission ceases at the end of 1973-74.

50. Andhra University -- Financial assistance for starting a course in Journalism.

The University Grants Commission at its meeting held on 4th October, 1972 accepted in principle, the proposal of the Andhra University for starting a course in Journalism and desired that the quantum of assistance that may be made available to the University for the purpose may be discussed with the University. (Resolution No. 6 dated 4th October, 1972).

Accordingly, the matter was discussed with Shri L. Bullayya, Vice Chancellor of the Andhra University on 5th December at the U.G.C. office. It was agreed on the basis of discussion that the following facilities may be provided to the Andhra University for the introduction of the Bachelor's Degree Course in Journalism for the period ending 1973-74, subject to the condition that the U.G.C. share of expenditure will be accommodated by the University within its Fourth Plan allocation and the facilities will be maintained by the University after the U.G.C. assistance ceases in 1973-74.

(A) Recurring (for the period ending 1973-74)	Total estimated exp. upto 73-74	UGC's share
	Rs.	Rs.
1. One Professor (the University may appoint a Reader if no suitable candidate is available for the post of Professor)	20,000	10,000
2. Two Lecturers	20,000	10,000
3. Two part-time Lecturers	12,000	6,000
4. T.A/DA honorarium to visiting journalists and scholars	5,000	2,500
5. Training allowance and TA to teachers and students	5,000	2,500
6. Publication of Andhra University news	<u>10,000</u> <u>72,000</u>	<u>5,000</u> <u>36,000</u>
 <u>B. Non-Recurring</u>		
1. Furniture & Equipment (including radio, tape recorder & equipment for the press)	24,000	16,000
2. Type-writers - 4	5,000	
3. Duplicating Machine (Electrically operated)	7,000	8,000
4. Books and Journals	<u>10,000</u> <u>46,000</u>	<u>10,000</u> <u>34,000</u>
Grand Total (R + NR)	<u>1,18,000</u>	<u>70,000</u>

51. Andhra University - Assistance towards the establishment of a department of Continuing/Adult Education.

The University Grants Commission at its meeting held on 4th October, 1972 considered the proposal of the Andhra University for the establishment of a department of Continuing/Adult Education and desired that an officer of the Commission may visit the University to discuss relevant details as regards the proposal for development of Continuing/Adult Education. (Resolution No. 12 dated 4th October, 1972).

The matter was discussed with Shri L. Bullayya, Vice Chancellor of the Andhra University on 5th December, 1972 at the U.G.C. office. It was agreed that the University may take up the following programmes under the scheme of Adult Education :-

- (a) Refresher courses for professionals ;
- (b) Organising short-period training classes for labour leaders, Panchayat leaders, social workers, Co-operatives etc.
- (c) Organising short-period training classes in Nutrition, child care etc. for women ;
- (d) Organising short-period training programme for workers to get skills suitable for absorption in the merging steel factory ;
- (e) Organising programmes for those who are engaged in literacy drive.

The Commission has agreed to an expenditure of Rs. 1,20,000/- (U.G.C. share Rs. 90,000/-) for the period ending 1973-74 under the scheme as detailed below :-

<u>Recurring</u>		Estimated exp. for the period ending 1973-74 Rs.	U.G.C. share Rs.
I) Director	One 0	50,000/-	37,500/-
II) Steno	One 0		
III) Remuneration to teachers	0 0		
IV) Miscellaneous	0		
<u>Non-Recurring</u>			
I) Duplicating Machine		6,000/- 0	52,500/-
II) Typewriter		2,000/- 0	
III) Office spare - 2000 sq.		60,000/- 0	
IV) Miscellaneous		2,000/- 0	
	Total	<u>1,20,000/-</u>	<u>90,000/-</u>

The Commission's share of Rs. 90,000/- is well within the ceiling of Rs. three lakhs laid down by the Commission for the scheme of Continuing/Adult Education and will be

provided to the University outside the Fourth Plan allocation. The expenditure on staff etc. will have to be met by the University/State Government after 1973-74 when the assistance of the U.G.C. ceases.

52. Chhattisgarh Mahavidyalaya, Chhattisgarh :
(Ravi Shankar University).

In view of the recommendation of the Ravi Shankar University, the proposal of the Chhattisgarh College, Chhattisgarh for converting the hobby workshop, constructed with U.G.C. assistance earlier into a Home Science laboratory has been accepted.

53. Assistance towards the establishment of
'Book Banks' in Engineering and Technological
Institutes/Departments of Universities.

The University Grants Commission at its meeting held on 6th December, 1972 (Item No. 14) considered the recommendation of the A.I.C.T.E. for paying special grants to Universities/Institutions for setting up book banks in technical institutions. The Commission desired that the U.G.C. scheme of book banks for Arts & Science colleges may be extended to Engineering and Technological institutions/departments of the universities.

Under the U.G.C. scheme of book banks in Arts and Science colleges, grants ranging from Rs. 15,000/- to Rs. 30,000/- are provided as indicated below :

<u>Enrolment</u>	<u>Allocation</u>
500-999	Rs. 15,000/-
1000-1499	Rs. 20,000/-
1500-1999	Rs. 25,000/-
2000 or above	Rs. 30,000/-

U.G.C. assistance towards the establishment of book banks in Arts and Science colleges is limited to 75%.

There are 24 university Engineering colleges/Institutions/departments receiving all development grants from the U.G.C. Enrolment at Under-graduate Post-graduate level in 16 such universities /Institutions/departments exceeds 500. 8 University Engineering colleges have their Under Graduate/Post Graduate enrolment below 500. Engineering and technology is comparatively higher than in Arts and Science subjects. It has therefore, been agreed that the allocation for the establishment of book banks in engineering and technological departments/institutions of the universities may be as under :

<u>Student Enrolment</u>	<u>Allocation</u>	<u>No. of Univs. covered</u>
1. Upto 500	Rs. 30,000/-	8
2. 501 - 1000	Rs. 40,000/-	9
3. 1001 & above	Rs. 50,000/-	7

The U.G.C. share towards the establishment of the book banks would be limited to 75% of the expenditure. The allocation of funds amounting to Rs. 7,12,500 as U.G.C. share to be paid in two equal instalments to 24 universities for establishment of book banks in Engineering and technological Institutes/departments is indicated at Annexure .

54. Development of Postgraduate studies in Science subjects in affiliated colleges during the 4th Plan period.

On the basis of the recommendations received from the universities the proposals of the following Post-graduate colleges for the development of their Post-graduate Science departments were examined and the amount of grants as indicated below against each college/department have been approved .

1. Pratap College, Amalnur (University of Poona)

Sl. No.	P.G. Deptt.	Purpose	Expenditure total	Approved UGC's share
1.	Physics	Lab. equipment	21,333	16,000
		Lib. books and Journals	12,000	9,000
			33,333	25,000
2.	Chemistry	Lab. equipment	21,333	16,000
		Lib. books & Journals	12,000	9,000
			33,333	25,000
		Grand Total	66,666	50,000

2. M.S.J. College, Bharatpur (University of Rajasthan)

Sl. No.	P.G. Deptt.	Purpose	Expenditure approved Total	UGC's share
1	Chemistry	Lab. equipment	24,000	18,000
		Lib. books and journals	9,333	7,000
			33,333	25,000

55. Acceptance of the proposal of the S.N.D.T. Women's University for the construction of building for the establishment of Women's Polytechnic at Bombay.

The University Grants Commission at its meeting held in December, 1969, approved a provision of Rs. 14,25,000/- for the construction of a building for an area of 50,900 square feet for a women's polytechnic at the S.N.D.T. Women's University, Bombay. The Commission share @ 75% was to be Rs. 10,68,000/-. The University later on sent

plans and estimates for Rs.26,25,000 for the construction of the building for an area of 49,468 square feet and requested that the Commission's share may be increased to Rs.19,68,750/-. The matter was considered by the Commission at its meeting held on 1st November, 1972 (Item No.60). The Commission desired that the matter may be referred to the A.I.C.T.B. for advice.

On the recommendation of the A.I.C.T.E., the proposal of the S.N.D.T. Women's University for the construction of a women's polytechnic at Bombay, at a total cost of Rs.26,25,000/- has been accepted. The UGC share towards the cost of construction would come to Rs.19,68,750/-.

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- (56) Proposal of St. Theresa's College for Women, Eluru, (Andhra University) for financial assistance from the Commission towards the construction of a Tube-well.

The Andhra University had forwarded with its recommendation a proposal from St. Theresa's College for Women, Eluru for financial assistance from the Commission towards construction of a tube-well, at an estimated cost of Rs.9,000/-. Since the college has already received assistance from the Commission to the tune of Rs.3,96,966/- during the current Plan Period, only a sum of Rs.3,000/- is available within the Rs.1,00,000/- sanctioned by the Commission in special cases beyond the ceiling of Rupees Three Lakhs. In view of the urgent need for a tube-well and in view of the special recommendation of the Vice-Chancellor, a sum of Rs.3,000/- as Commission's share has been sanctioned to the college towards construction of a tube-well.

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Annexure to Item No. 2(a)(28)

Minutes of the meeting of the Selection Committee
for the scheme of preparation of University Level
Books by Indian Authors.

A meeting of the Selection Committee appointed by the University Grants Commission to consider the proposals under the UGC scheme of preparation of University Level Books by Indian Authors was held in the office of the UGC on 23rd October, 1972. The following were present:-

- 1) Prof. F.C. Auluck
- 2) Prof. S.C. Dube
- 3) Prof. V.M. Dandekar
- 4) Prof. R.C. Paul
- 5) Prof. U.N. Singh
- 6) Dr. D.Shankar Narayan
- 7) Dr. G.S.Mansukhani

The Committee, prior to taking up the items included in the agenda, had a general discussion on the scheme. The Committee welcomed the revised scheme which makes it possible for a number of ways by which Indian scholars could participate in this programme. It also welcomed the present procedure of evaluation of the proposals by reference to the experts in the subjects included in the panels constituted by the U.G.C. The Committee, however, felt that since the membership of the panels may not be extensive enough to provide for expertise in all areas of the subjects concerned, it would not be desirable to restrict refereeing only to the panel members. It would be most appropriate to refer the proposals to other experts as well, so as to ensure the best possible assessment of the proposals before they are considered by the Selection Committee. Since the scheme presently provided for alternative contracts for taking up the book writing projects, the proposals should indicate the programme under which the proposal is made. It was also felt that the information made available in relation to the book proposed to be written under this scheme should be as comprehensive as possible than at present. The prospective author may, therefore, be requested henceforth to give a detailed outline of the proposed book, indicate whether it would be of use to undergraduate or postgraduate students or would be in the form of a research reference work and wherever possible also indicate by way of illustration other books of same standard and quality in use in our universities.

The Commission also suggested that it may be worthwhile to include in this scheme a new category of short term fellowships ranging from 6 months to one year so that the senior author could avail of assistance of a fellow for such short period for collection of material and not necessarily as a junior author. As regards the types of

(Contd.....)

books to be written under this scheme the possibility of including, besides textbooks, supplementary reading materials could also be considered. Such supplementary reading material is particularly of value to students in social science subjects.

The Committee endorsed the view that the original books to be written under this scheme should generally be in English language and depending upon the quality and standard, the same author or some one else could later be encouraged to bring out translations of such books in Indian languages. Proposals for writing books in Indian languages or for translation of existing books into Indian languages may not be appropriate under this scheme and should be accommodated under other schemes taken up by the Central Government and the State Governments.

As regards the Editorial Committees proposed in this scheme to be associated with each title under preparation, a view was expressed that such Editorial Committees could be constituted wherever the authors wanted. But generally, the Editorial Committees should be consulted with a view to identifying books which could be placed in outstanding category and where the Commission or some other agencies such as National Book Trust could provide subsidy for publication also in view of the value of the book to University students. In all other cases, a certification by an Editorial Committee may not be justified and the authors should be free to arrange for publication from the general publishing Houses or from the N.B.T. as the case may be.

The Committee then took up consideration of the item included in the agenda.

No.1 To receive a note on the progress of the scheme of preparation of University Level Books by Indian Authors.

The Committee noted the satisfactory progress made in the scheme of preparation of University Level Books since the scheme started functioning in 1970-71. The Committee felt that the response has been quite encouraging. The Committee, however, stressed the need to ensure high quality of books produced under this programme.

Item No.2 To consider fresh proposals received under the scheme for preparation of University Level Books by Indian Authors and evaluated with the help of experts.

The Committee considered the 227 proposals received. It was noted that nearly 160 of these proposals had been got evaluated by experts. The Committee agreed with the view taken with regard to some titles, not to refer them to evaluators, particularly since these books were proposed to be written to meet the demands of a particular University syllabus or were in the nature of examination aids, etc. In the case of books proposed to be written on agriculture, medicine and other subjects in which evaluation could not be made by reference to the members

of the panels, the Committee suggested that action may be taken to refer them to suitable experts outside the panels. In the case of some titles, it was noted that the Evaluators' comments had not been received. The Committee suggested that in the case of Professional subjects referred above and also in the case of titles where Evaluators' comments were awaited, the UGC could take a decision to accept or reject the proposals on the basis of Evaluators' comments to be received in due course.

The Committee then reviewed the proposals which had been evaluated by the experts and recommended 43 projects for acceptance and issue of necessary sanctions by the Commission. In the case of certain other titles, the Committee desired that the proposals may be got revised and re-evaluated and brought up again before the Selection Committee. The list of the titles accepted and to be revised further are given in Appendix I and Appendix II respectively.

Item No. 3 To consider certain matter relating to the implementation of the projects under the scheme for preparation of University Level Books by Indian Authors.

- 3(1) The Committee considered the specific proposals and agreed that only the proposal of Prof. B.C. Roy for writing a book in Indian Mineral Economics may be accepted. The Committee could not agree to recommend the acceptance of the other 3 proposals.
- 3(2) The Committee agreed that Prof. Amlan Dutta may be requested to take up the book writing project after the termination of his present I.C.S.S.R. fellowship by the end of 1972.
- 3(3) The Committee desired that Dr. B.J. Jhaveri may be requested to make a fresh proposal under the revised scheme.
- 3(4) The Committee recommended that Dr. S. Deb may be requested to take up the book writing project on "Industrial Books and Mineral of India" although he is over 65 years of age.
- 3(5) The Committee could not recommend acceptance of the
3(6) proposals of Dr. Shyam Prakash and Professor P.U. Paul.
- 3(7) The Committee agreed that some financial check, as suggested would be desirable to ensure continuity of work of fellows.
- 3(8) The Committee was of the view that the leave rules etc. for fellows appointed in the book writing scheme may be on the same basis as for other research fellows or as may be determined by each University.
- 3(9) The Committee noted the views expressed by Professor A.K. Das Gupta. The Committee, however, felt that it would not be necessary to approach eminent scholars to take up writing of books. It was generally felt that since the present scheme is well-publicised, it should open to teachers to come forward to take up book writing projects under the scheme.

- 3(10) The Committee was in support of the present practice of the sponsorship by organisation concerned, for writing of books and taking the responsibility for accounting of funds and completion of the projects.
- 3(11) The suggestion made earlier by the Committee to obtain a comprehensive synopsis and outline of the proposed book takes into account the views expressed by Prof. R.S. Rajagopal.
- 3(12) The Committee accepted by Evaluators' comments and not to accept the proposal of Dr. Mrs. Nagbhusanam for writing a book on "Animal Biology" under this scheme.
- Item No. 4 To consider a suggestion made by Dr. P.K. Kelkar, Director, Indian Institute of Technology, Bombay.

The Committee considered the suggestion made by Dr. Kelkar in respect of the proposal relating to Engineering & Technology. The Committee did not consider it necessary to provide a grant to the authors to take up feasibility studies of the proposed book project. The author should make available sufficient details as suggested earlier by the Committee as would help in the evaluation of the project by the Experts.

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Appendix I

List of the proposals recommended for acceptance
by the Committee at its meeting held on 23.10.1972
under the scheme for preparation of University
Level Books by Indian Authors.

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Science including Engineering & Technology

<u>Name of the writer</u>	<u>Title</u>
<u>Chemistry</u>	
1. Prof. M.N. Sastry, Department of Chemistry, Andhra University.	An Introduction to Nuclear Science.
2. Dr. H.H. Mathur, Indian Institute of Technology, Bombay.	Spectroscopy of Organic Molecules.
3. Mrs. T. Jacob, Lady Irwin College, Delhi.	Applied Chemistry for Home Science and allied Sciences
<u>Physics.</u>	
1. Shri K.J.M. Rao, National Defence Academy, Kadakvasala, Poona.	A Book on Introduction to Electronics.
2. Shri Venkateswara Rao, Prof. & Head of Department of Physics, Regional Engg. College, Warrangal. & Prof. M.V.R.K. Murty, Scientist Bhaba Atomic Research Centre, Trombay. & Dr. P.K. Mandal, Asstt. Professor, Department of Physics, Regional Engineering College, Warangal.	Applied & Modern Optics
3. Dr. R.N. Singh, Prof. of Applied Physics, Banaras Hindu University.	Electromagnetic Fields & waves.
4. Dr. E.G. Takwale, Prof. of Physics, Poona University, Poona.	Introduction to the Classical Mechanics.
5. Shri E.N. Basu, Lecturer in Mathematics, Jadavpur University.	Introduction to Astrophysics.
<u>Geo-Physics</u>	
1. Prof. P. Sundara Rama Rao, Principal, A.P. College of Science & Technology, Andhra University.	Gravity & Magnetic Methods of Prospecting.

Mathematics & Statistics

1. Dr.K.R. Shah,
Reader in Statistics,
University School of Sciences,
Gujarat University. Design & Analysis of Planned Experiments.
2. Dr.C.G. Khatri,
Professor of Statistics,
Gujarat University. Multivariate Analysis
3. Professor K.S. Amur,
Department of Mathematics,
Karnatak University. An Introduction to Modern Differential Geometry.

Botany

1. Dr.K.S. Bilgrani,
Prof. & Head of Postgraduate
Department of Botany,
Bhagalpur University. Physiology of Fungi
2. Dr.G.L. Shah,
Reader in Botany,
Sardar Patel University. Flora of Gujarat State

Zoology

1. Prof.V.C. Shah,
Head of Zoology Department,
School of Sciences,
Gujarat University. Cell Biology
2. Dr.S.C. Rastogi,
Asstt. Professor (Reader),
Department of Biological Sciences,
B.I.T.S., Pilani. Essentials of Animal Physiology
3. Dr.Kenoth Govinden Adiyodi,
Reader in Zoology,
Calicut University. Endocrinology of Arthropods
4. Dr.G. Madan Mohan Rao,
Principal & Professor of Zoology,
Sir Theagaraya College, Madras. Comparative & General Animal Physiology

Geology

1. Shri M.G. Chakrapani Naidu,
Prof. & Head of the Department of
Zoology, S.V. University College,
S.V. University, Tirupati. Engineering Geology
Geology of Dams with special
reference to India

Geography

1. Shri V. Subramaniam,
Asstt. Professor of Applied Geology,
University of Sagar, Sagar. The Land Farms of India -
A Text Book of Geomorphology

Engineering & Technology

1. Shri T. Rangaswami,
Reader in Mechanical Engineering,
Sri Venkateswara University College,
of Engineering, Tirupati. Welding Technology for
Engineering Students.
2. Dr. M. K. Achuthan,
Department of Electrical Engineering,
Indian Institute of Technology, Madras. A text-book on "Transistor
Circuits".
3. Dr. B. N. Chanda,
Prof. of Mechanical Engineering,
Jadavpur University. Fluid Mechanics for
Engineering Students
4. Dr. R. N. Mukherjee,
Prof. of Chemical Engineering,
Jadavpur University
&
Dr. A. K. Mitra Chemical Plant Design &
Project-Engineering
5. Shri P. C. Mukherjee,
Metallurgical Engineering Department,
Indian Institute of Technology,
Bombay. Theoretical Fundamentals of
Casting Technology
6. Dr. V. C. Venkatesh,
Head of Production Engineering and
Machine Tool Section Mechanical
Engineering Department, I. I. T., Madras. (i) Experimental Methods in
metal processing
(ii) Unconventional Methods of
Metal processing

(The first proposal is with joint authorship of Dr. V. C. Venkatesh and Dr. H. Chandrasekharan while the second proposal is with 6 contributing authors and the chief author being Dr. V. C. Venkatesh)

Humanities including Social Sciences

Economics & Commerce

1. Dr. A. C. Angrish,
Jodhpur University. Some Problems of Public
Finance in an under-developed
economy - a case study of
India.
2. Dr. H. K. Manmohan Singh,
Panjab University Economics of Socialism

History

1. Shri B. Ch. Chhabra,
(Co-ordinator) Comprehensive Volume on the
spread of foreign culture
in the lands and islands of
South East Asia.
2. Dr. G. S. Dikshit,
Karnatak University. History of Vijayanagar
Empire 1336-1556

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|----|---------------------------------------------------|---------------------------------------------------------------------------------|
| 3. | Prof. K.D. Bajpai,
Saugar University | The Gupta Sculpture |
| 4. | Shri S.C. Bhattacharya,
Allahabad University.. | Development of Historio-
graphy in Ancient India. |
| 5. | Shri L.K. Tripathi,
Banaras Hindu University. | Ancient Indian Architecture
(in English) |
| 6. | Shri V.S. Suri,
Panjab University | Trade and Commerce in the
17th Century |
| 7. | Dr. K.K. Pillai, Madras University | History of Pandyas |
| 8. | Dr. Satish Chandra,
Nehru University. | Social and Cultural
Conditions in Northern India
during the 18th Century. |
| 9. | Dr. K.N. Patra , Utkal University. | Orissa under the British rule |

Political Science and Public Administration

- | | | |
|----|-------------------------------------------|-----------------------------------------------------------------------------------------------|
| 1. | Shri H.G. Paranjape | Economic Administration of
India |
| 2. | Dr. S.N. Ray,
North Bengal University. | A Book on Comparative
Government (to be written
according to the evaluator
comments) |

Sociology

- | | | |
|----|-------------------------------------------|------------------------------------------------------|
| 1. | Rev. Dr. J. Murickan S.J.,
Trivandrum. | Society and the physically
handicapped |
| 2. | Dr. N.K. Singhi,
Rajasthan University. | Recent trends in Sociological
Theory (In English) |

Philosophy

- | | | |
|----|----------------------------------------------------------|-----------------------------------------------------------------|
| 1. | Dr. Ganeswar Misra and four others,
Utkal University. | Fundamental Problems of
Philosophy - An Analytical
Study. |
|----|----------------------------------------------------------|-----------------------------------------------------------------|

Education

- | | | |
|----|-----------------------------------------|------------------------------------------|
| 1. | Shri N.V. Manuel,
Kerala University. | Philosophic Foundations of
Education. |
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Appendix II

The Commission suggested that the following proposals may be revised/modified and put up again at the next meeting of the Committee for consideration:

<u>Name of the writer</u>	<u>Title</u>	<u>Remark</u>
1. Shri B.S. Khanna Panjab University	A Book on Development Administration in India	The proposal may be revised and details obtained as mentioned by the evaluator.
2. Prof. V.I. Subramaniam Kerala University	Dialect Formation of Indian Language	To be referred to experts for opinion
3. Dr. V. Sadasivan, S.N.D.T. University.	Analysis of Food and Water	To be referred to the Directress, Lady Irwin College, New Delhi.
4. Shri P.N. Pande, Bewa	Principles and Practices of Marketing in India	The proposal to be revised in the light of the evaluator's comments
5. Dr. V.K. Sukumaran Nayar Kerala University.	Indian Nationalism	Comments of evaluators to be called for
6. Dr. A. Sharma Delhi University	Recent Advances in Research Methodology in Human Growth and Development	-do-
7. Shri K.L. Joshi	Crises in Education Today.	The proposal may be reformulated in the light of the comments of the evaluator.
8. Dr. R.K. Arora Rajasthan University	Development Administration Conceptual and empirical premises	-do-
9. Prof. N.N. Pillai, Indian Institute of Mass Communication, New Delhi.	Advertising and Campaign planning	While such a book may have intrinsic value and wide use, the subject does not form a course of study at the University level. Some aspects of this subject could be of use in Management Studies. The proposal may be sent for evaluation to the Director of Advertising and Visual Publicity New Delhi or to an Institute of Management Studies.

UNIVERSITY GRANTS COMMISSION

Candidates selected for award of Senior and Junior
Research Fellowships in Humanities, Social Sciences
and Sciences during 1972-73 (Second Award)

S.No.	Name	Subject	Centre of work
<u>A. Senior Research Fellowships:</u>			
1.	Dr.(Mrs.) J.P. Banerjee	English	Poona University
2.	Dr. Ram Narain Das	Sanskrit	Sanskrit University, Varanasi.
3.	Dr. Mohd. S.H. Shamsi	Arabic	Aligarh Muslim University
4.	Dr. A.K. Chaturvedi	Hindi	Allahabad University
5.	Dr. Brij Mohan Sharma	Education	Udaipur University
6.	Dr. K.S. Saxena	History	Lucknow University
7.	Dr. Minakoten Das	Mathematics	Utkal University
8.	Dr. Y.P. Joshi	Physics	Banaras Hindu University
9.	Dr. H.C. Shama	Physics	Kurukshetra University
10.	Dr. A.T. Rao	Geology	Andhra University
11.	Dr. (Kn.) N. Zehra	Chemistry	Aligarh Muslim University
12.	Dr. (Snt.) L. Tendon	Chemistry	Rajasthan University
13.	Dr. A.N. Misra	Chemistry	B.I.T.S., Pilani
14.	Shri C.L. Voma	Botany	Lucknow University
15.	Dr. (Snt.) N.G. Dave	Botany	Gujarat University
16.	Dr. B. Prasad	Vet. Science	Haryana Agricultural University.
<u>B. JUNIOR RESEARCH FELLOWSHIPS:</u>			
1.	Dr. B.N. Sharma	Pali	Magadh University
2.	Kn. Savita Pande	Sanskrit	Allahabad University
3.	Shri Ram Priya Sharma	Hindi	Patna University
4.	Kn. Shubha Laxmi Jauhari	English	Lucknow University
5.	Kn. Farida Begum	Urdu	Aligarh Muslim University
6.	Shri Ahmad Hussain	Persian	Patna University

S.No.	Name	Subject	Centre of work
7.	Kn. Jasmine Asir	Tamil	Kerala University
8.	Kn. Gayatri Sinha	Philosophy	Jabalpur University
9.	Shri A.C. Pradhan	History	Borhampur University
10.	Kn. Midhi Srivastava	Political Science	Patna University, Patna
11.	Kn. K.V. Vani	Economics	Andhra University
12.	Kn. A.J. Zuberi	Education	Aligarh Muslim University
13.	Snt. S.L.K. Rao	Psychology	Madras University
14.	Snt. R. Zainuddin	Psychology	Aligarh Muslim University
15.	Shri B.G. Banerjee	Anthropology	Delhi University
16.	Shri A.K. Dubliskh	Physics	Meerut University
17.	Shri R.R. Rousarria	Physics	Banaras Hindu University
18.	Shri D.K. Mehrotra	Geology	Lucknow University
19.	Kn. B.D. Kulshrestha	Geography	Aligarh Muslim University
20.	Kn. Swapna Basu	Geography	Calcutta University
21.	Shri Kailash Chandra	Applied Mathematics	Meerut University
22.	Shri V.M. Bhavo	Mathematics	Karnatak University
23.	Shri R.K. Vohra	Mathematics	Lucknow University
24.	Shri Niranjan Lal	Chemistry	Aligarh Muslim University
25.	Shri Jag Mohan	Chemistry	Kurukshetra University
26.	Shri Ram Sanchi	-do-	Allahabad University
27.	Shri Jaswant Ram	-do-	Kurukshetra University
28.	Dr. Ashok Kumar	-do-	Aligarh Muslim University
29.	Shri S.K. Patnaik	Zoology	Banaras Hindu University
30.	Kn. T.S. Chandra	-do-	I.I.Sc., Bangalore
31.	Shri M.M.S. Verma	-do-	Rajasthan University
32.	Shri R.S. Ivasarala (AR Susan)	-do-	Andhra University
33.	Kn. Venu Rao	-do-	Andhra University
34.	Shri H.R. Kataria	Bontany	Haryana Agricultural University
35.	Mr. Shoola Verma	-do-	Delhi University
36.	Kn. Aparajita Fouzdar	-do-	Delhi University
37.	Shri Niranjan Singh	-do-	Utkal University.

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Annexure to Item No. 2(a) (53)

Details of grants allocated for establishment of book banks in Engineering departments/Institutions in Universities.

Sl. No.	University	Students Enrolment 1971-72			Total cost	U.G.C. Share
		U.G.	P.G.	Total		
1.	Baroda	2285	76	23610	50,000/-	37,500
2.	Jadavpur	1720	183	19030	"	"
3.	B.H.U.	1463	251	17140	"	"
4.	Roorkee	1218	470	16980	"	"
5.	Andhra	1086	375	14590	"	"
6.	B.I.T.S.	1172	1902	13620	"	"
7.	Bangalore	1151	63	12140	"	"
8.	A.M.U.	895	94	989	40,000	30,000
9.	Annamalai	911	242	935	"	"
10.	Jodhpur	836	442	879	"	"
11.	Madras	781	61	842	"	"
12.	I.I.Sc.	249	546	755	"	"
13.	Bombay	562	167	709	"	"
14.	Sambalpur	594	17	601	"	"
15.	Osmania	523	60	583	"	"
16.	Nagpur	480	36	516	"	"
17.	Sri Venkateswara	448	15	4630	30,000	22,500
18.	Calcutta	344	92	4360	"	"
19.	Patna	325	-	3250	"	"
20.	Panjab	171	21	1910	"	"
21.	I.S.M.	177	-	1770	"	"
22.	Saugar	138	29	1670	"	"
23.	Udaipur	138	-	1380	"	"
24.	Allahabad	72	23	950	"	"
Total					9.5 lakhs	7,12,500

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973.

Item No.2(b): To receive the items of information.

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- (1) Report made by Dr. M.S. Vijaya Raghava, Reader, Centre of Exploration Geophysics, Osmania University, on his visit to USSR.

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Under the Indo-Soviet Bilateral Agreement, Dr. M.S. Vijaya Raghava, Reader, Centre of Exploration Geophysics, Osmania University was deputed to USSR for advanced studies and training in science reflection and refraction methods. Dr. Vijaya Raghava stayed in USSR from March 1970 - March 1972. A report of the work done by him during his stay in USSR is attached as Annexure.

- (2) To received the Gazette of India Extra-ordinary Part II Section I pertaining to Delhi University (Amendment) Act, 1972 (48 of 1972).

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The Ministry of Education and Social Welfare have forwarded a copy of the Gazette of India Extra ordinary Part II - Section I pertaining to Delhi University (Amendment) Act, 1972. A copy of the notification is attached as Annexure.

- (3) Construction of Gandhi Bhawan - Banaras Hindu University.

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Under the scheme of establishment of Gandhi Bhawan in Universities - the Commission approved the construction of Gandhi Bhawan at a number of universities at an estimated of Rs.1,00,000/- 50% of which is to be met by the University Grants Commission and 50% by the Gandhi Samarak Midhi.

The main object of the scheme is to furnish within the University Campus a suitable place to keep Gandhian literature, to hold study classes and discussions on the life, ideals and work of Gandhiji, to arrange for lectures on the same and to encourage students to undertake such items of constructive work as can be done inside or close to the campus which will reflect the ideas and method of life indicated by Gandhiji. A Gandhi Bhawan must necessarily include a good compact library of Gandhian literature, a small and attractive auditorium and one or two room for allied uses.

The construction of Gandhi Bhawan at an estimated cost of Rs.77,700/- was approved at Banaras Hindu University and a grant of Rs.20,000/- was also released.

P T.O.

The University has now intimated that it has incurred an expenditure of Rs. 746/48 and the balance of Rs. 19,253/52 will be refunded to the Commission shortly as the construction of the Gandhi Bhavan has been deferred. The University has been requested to refund Rs. 19,253/52 lying with it and also to supply details of the expenditure of Rs. 746/48 reported as incurred. The Gandhi Samarak Mitthi has also been informed about this.

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- (4) Payment of Daily Allowance to the Non-Official Members invited to serve on Committees appointed by the University Grants Commission.

In accordance with the existing rules as framed by the Govt. of India, Ministry of Finance, which are followed by the University Grants Commission, the non-official members who are invited to attend Committees appointed by the Commission are paid D.A. at the rates as follows:-

- (i) For non-official members residing at the place where the meeting is held: Actual cost of conveyance hire, subject to a maximum of Rs.10/- per day.
- (ii) For members from outstation:- D.A. at the highest rates admissible to Government Servants of the first grade at the place where the meeting is held. Accordingly D.A. at the rate of Rs.28/- per day is admissible if the meeting is held at any other place. The existing rules further provide that in exceptional cases this rate may be increased upto a maximum of Rs.50/- per day by the Administrative Ministries concerned in cases where they are satisfied that the work on a Committee is of such continuous or responsible nature as to necessitate the non-official devoting far greater time and energy to it than he can ordinarily be expected to spare.

The Government of India, Ministry of Education and Social Welfare, Department of Education, in their Office Memorandum No. F.9/72 IF.III dated 7th July 1972 (copy enclosed annexure), have now raised the rate of allowance payable to the local members to Rs.20/- per day. As this is applicable to all autonomous bodies set up by the Ministry of Education, it has been decided to make this revised rate applicable to all local members who are invited to attend the meetings of various Committees etc set up by the University Grants Commission.

(5) Incidence of students unrest during 1968-71.

....

Shri J.P. Vinayak (A.E.O) has made a personal study on "Incidence of Student Unrest during 1968-71." A copy of the study is attached (Annexure). His main findings are as under:-

It has been observed that the largest number of cases of student indiscipline occurred during the months of March and April i.e. during examination, or immediately after summer vacations in September. This is probably due to the reason that students feel home-sick after enjoying vacations, and due to lack of proper facilities and atmosphere in University and College, they indulge in agitational activities on some pretext or the other. Such activities might release their boredom.

Almost all the states have been affected by student agitations - the most disturbed states being Bihar, Delhi, Madras, Punjab, U.P. and West Bengal. The least disturbed States were Gujarat and Haryana. The incidents of students unrest in six states viz. Bihar, Delhi Madras, Punjab, U.P. accounted for 65 per cent of the total number of cases reported during 1968-71.

The analysis indicates that student violence has increased in the campuses. Of the total 744 incidents of student unrest reported during 1968-71, more than 80 per cent were violent and only about 20 percent were peaceful - the average ratio of violent to peaceful being 4.4 : 1. The states of Andhra and Madhya Pradesh were completely violent so far as number of incidents of student unrest were concerned.

It has been observed that more than 65 per cent of the cases of student unrest were due to off-campus issues and majority of those were either politically motivated or backed by political parties. This draws us nearer to the conclusion that the political parties interfere in the varsity affairs and often exploit students for their own ends.

As regards student unrest due to other reasons, it has been seen that about 24 per cent of the total number of incidents were due to academic issues, 11 per cent due to other issues. In most of these cases it can be very safely mentioned that at least one third of student agitations were based on genuine demands and the demands were just put up for the sake of creating troubles in the campuses. The remaining student agitations which may be due to genuine causes can be tackled easily by University or college authorities. In conclusion, it may be mentioned that such analysis may not enable us to solve the problem of student unrest in Universities, but it does enlighten us about the nature of the intensity of the situation. We have been seeing daily the deteriorating situation in the Universities. Student violent activities have increased to such extremes that "barrage" and assault on the Vice-

Chancellor have become a common feature and no action is taken either by the authorities or the police. The law and order needs to be strengthened. The incidents at Jodhpur and Jadavpur are cases in point. It has become very difficult to find a clear solution to the problem.

.....

Report on the work done by Mr. M.S. Vijaya Raghava, Lecturer, Geophysics Department, Osmania University, Hyderabad, during his stay in USSR under Indo-Soviet Bilateral Agreement Programme, March 1970-March 1972.

Mr. M.S. Vijaya Raghava, Lecturer, Centre of Exploration Geophysics, Osmania University, Hyderabad, was deputed to U.S.S.R. for advanced studies and training in Seismic reflection and refraction methods under the Indo-Soviet Bilateral Agreement Programme. The period of stay was of two years to enable him to specialise in each method for a year. In view of the fact that the candidate had an earlier study of one year in Moscow during 1964-1965 under an Unesco fellowship in Seismic methods, Prof. I.I. Gurvich, the concerned Supervisor charted out a programme that also included development of the research capabilities of the candidate during these two years of study.

The programme of work carried out by the candidate is as follows:

1. Acquaintance with the developments in theory, instrumentation and interpretation techniques in Seismic Reflection methods.
2. Study of the refraction seismic method with a view to understand its modern status where the refracted - head waves are known to have a relatively lesser importance in routine refraction investigations. Study of the attenuation problem using the curved-refracted waves.
3. Acquaintance with the working of some computers. Facility to write programmes and work out solutions to some problems on the promin-2 computer. Working knowledge of Algol language and in using more versatile computer "Odra".
4. Training in the operation of Seismic station point 1-24-MOB-OB with thorough acquaintance with the design, construction and electronic circuits employed in it.
5. Courses in Statistics. The courses were drawn to mainly understand correlation techniques and calculation of statistical parameters of frequent use in modern seismic methods.
6. Study and operation of seismic reflection record processing units like LI13-2M and the summator.
7. Russian language course.

8. Research work in a field of current interest in Seismic Prospecting.

Also in this programme, an examination in Seismic Prospecting and a defence of the research work carried out, with an additional examination in Russian Language were included. In accordance with this programme of work, the following were carried out:

Details of advanced study and training:

During the first year, during March, 1970 to March, 1971, in the beginning, a thorough study of the modern status of seismic prospecting was made. Several discussions were held with Prof. I.I. Guriuch on the subject which has led to the elevation of the candidates grasp of the subject and improved his competence to teach his students back in India at the needed level.

During August - September, 1970, study of poisle station and other seismic processing units available in the seismic lab of Moscow Geological Prospecting Institute was made. Operated these units and a working knowledge of them was obtained.

Prepared for Seismic Examination and passed it during October-November, 1970. Simultaneously in this period, Russian language was studied. Also research was made on the attenuation of direct waves.

Theoretical investigations were held to develop procedure for the evaluation of seismic wave spreading factor for curved refracted waves. During this period from December, 1970 to March 1971, also worked at the Promin-2 computer. Learnt the programming collected data for some theoretical amplitude curves.

The second year of stay from April, 1971 to March, 1972 was devoted to advanced study in seismic refraction method. A number of papers were consulted to advance the understanding of the subject. During this period courses in mathematical statistics were had. In all about sixty hours of special coaching was obtained in statistical concepts and in relation to seismic prospecting. An examination in Russian language was given in May, 1971.

During July-September, 1971, main training was in operating the Poisle station. The power-requirements of the unit and procurement of records from the reproduction of magnetic tapes was carried out. Consultations and training was had with Mr. Dokach of the Laboratory. Also the training required for the students at the Osmania University with the Poisle station was discussed and later special instruction manuals for these students of were prepared.

During October-December, 1971, alongwith courses in statistics, time was spent in calculating the decrements of absorption using different waves. The date of the Seismic Department of the Institute was used. The needed curves were plotted and frequent use of the computer was made. The collected data was used in writing a paper which was published in a Russian Journal. Also a thesis was written on some problems of seismic wave attenuation in real media.

The part of the training programme gave sound basis to the candidate to initiate and carry out scientific research in seismic prospecting with which view such a training was envisaged in the programme of work.

During January-February, the time was spent in collecting the needed material for running of advanced courses in seismic methods at the Osmania University. Several discussions were held on these topics. Also the research work carried out as part of the advanced study programme, was defended.

The training period was, thus, fully utilised for developing the abilities of the candidate to teach at a current level all aspects of seismic methods to the students of geophysics at Osmania University and to train them in this field in handling the seismic instruments and to more effectively use the seismic data. Besides, the study period of two years was also utilised to develop the candidates capacity to carry out research work and to more efficiently solve problems using seismic methods.

The candidate is thankful to the Head, Centre of Exploration Geophysics, Osmania University, for deputing him for this advanced study and also to the Authorities who sponsored his studies in U.S.S.R. He is deeply indebted to his Supervisor and guide, Prof. I.I. Gurnich, who has helped him in acquiring a capacity to teach and do research in Seismic Prospecting and to the Authorities of the Moscow Geological Prospecting Institute, U.S.S.R., who provided him with all the facilities for this profitable training.

S/-
(M. S. VEJANA RAGHAVA)

'CHUGH'

The Gazette of India

EXTRAORDINARY

PART II-Section 1

PUBLISHED BY AUTHORITY

No. 54 NEW DELHI, MONDAY, SEPTEMBER 4, 1972/BHADRA 13, 1894

Separate paging is given to this part in order that it may be filed as a separate compilation.

MINISTRY OF LAW AND JUSTICE
(Legislative Department)

New Delhi, the 4th September, 1972/Bhadra 13, 1894(Saka)

The following Act of Parliament received the assent of the President on the 3rd September, 1972, and is hereby published for general information:-

THE DELHI UNIVERSITY (AMENDMENT) ACT, 1972
No. 48 of 1972

(3rd September, 1972)

An Act further to amend the Delhi University Act, 1922.

Be it enacted by Parliament in the Twenty-third Year of the Republic of India as follows:-

1. (i) This Act may be called the Delhi University (Amendment) Act, 1972.

Short title
and commence-
ment.

(ii) It shall be deemed to have come into force on the 22nd day of June, 1972.

of 1922.

2. In section 4 of the Delhi University Act, 1922 (hereinafter referred to as the principal Act), after clause (9), the following clauses shall be inserted, namely:-

.....2/-

"(9A) to declare, with the consent of the colleges concerned, in the manner specified by the Academic Council, colleges conducting courses of study in the Faculties of Medicine, Technology, Music or Fine Arts, as autonomous colleges;

Provided that the extent of the autonomy which each such college may have, and the matters in relation to which it may exercise such autonomy, shall be such as may be prescribed by the Statutes;

(9B) to set up one or more College Administrative Councils for two or more colleges with such composition, powers and functions as may be laid down in the Statutes,".

Amendment
of section
28.

3. In section 28 of the principal Act, after clause (h), the following clauses shall be inserted namely:-

"(hh) the extent of the autonomy which a college, declared as an autonomous college under clause (9A) of section 4, may have and the matters in relation to which such autonomy may be exercised;

(hhh) the composition, powers and functions of College Administrative Councils,".

Amendment
of section
29

4. In section 29 of the principal Act, for sub-sections (2), (3), (4), (5) and (6), the following sub-sections shall be substituted, namely:-

"(2) The Executive Council may, from time to time, make new or additional Statutes or may amend or repeal the Statutes:

Provided that the Executive Council shall not make, amend or repeal any Statute affective the status, powers or constitution of any authority of the University until such authority has been given an opportunity of expressing an opinion in writing on the proposed changes, and any opinion so expressed shall be considered by the Executive Council:

Provided further that except with the prior concurrence of the Academic Council, the Executive Council shall not make, amend or repeal any Statute affecting all or any of the following matters, namely:-

(i) the constitution, powers and duties of the Academic Council, and the other powers which may be conferred, and duties which may be imposed, on the Academic Council;

(ii) the authorities responsible for organising recognised teaching in connection with the University courses;

(iii) the withdrawal of Degrees, Diplomas, Certificates and other academic distinctions;

(iv) the establishment and abolition of Faculties, Departments, Halls, Colleges and Institutions;

(v) the conditions under which colleges and other Institutions may be admitted to the privileges of the University and the withdrawal of such privileges;

(vi) the institution of Fellowships, Scholarships, Studentships, Exhibitions, Medals and Prizes;

(vii) the extent of the autonomy which a College may have and the matters in relation to which such autonomy may be exercised;

(viii) the composition, powers and functions of College Administrative Councils; and

(ix) the conditions on the fulfilment of which the teachers of Colleges and Institutions may be recognised as teachers of the University.

(3) Every new Statute or addition to the Statutes or any amendment or repeal of a Statute shall require the previous approval of the Visitor who may sanction, disallow or return it to the Executive Council for further consideration."

5.(1) The Delhi University (Amendment) Ordinance, 1972, is hereby repealed.

(2) Notwithstanding such repeal, anything done or any action taken under the principal Act, as amended by the said Ordinance, shall be deemed to have been done or taken under the corresponding provisions of the principal Act as amended by this Act.

K.K. SUNDARAM,
Joint Secy. to the Govt. of India.

.....

'CHUGH'

COPY

No.F.9/72-IF.III
Government of India,
Ministry of Education & Social Welfare,
Department of Education, New Delhi.

Sub: Payment of per diem allowance - payment to non-official members invited to serve on Committee/Commissions etc. for selection of candidates for scholarships/appointments etc.

.....

In accordance with the instructions contained in the Ministry of Finance O.M. No.F.26.(E 4)/59 dated 5th September, 1960 as amended from time to time, daily allowance to non-officials is admissible at the rates as follows:

- (a) For persons from outstations: Highest rate admissible to Government Servants of the first grade at the place where the meeting is held. In exceptional cases this can be increased upto a maximum of Rs.50/- per day by the administrative ministries concerned, where they are satisfied that the work on a Committee or Commission etc. is of such continuance or of responsible nature as to necessitate the non-officials concerned devoting for greater time and energy to it than they can ordinarily be expected to spare.
- (b) For non-official members residing at the places where the meeting is held. Actual cost of conveyance hire, subject to a maximum of Rs.10/- per day.

The limit mentioned in item (b) above has been reconsidered in consultation with the Ministry of Finance and that Ministry has been pleased to approve of the grant of per diem allowance of Rs.20/- per day to local non-officials including members of the teaching staff, for attending meetings etc. either for selection of candidates for scholarships or for any other purposes.

All sections concerned in the Ministry as also all autonomous bodies set up by the Ministry of Education may kindly note the decision for necessary action. The limits prescribed above should in no case be exceeded without prior approval of the Government of India.

With regard to (a) above, it may be explained that daily allowances to non-official members from outstations should not be granted at the maximum prescribed rate of Rs.50 per day as a matter of course. It should be granted at this rate only where the requisite conditions are satisfied and prior approval of officers not below the level of JS/JEI should be obtained for granting daily allowances at the increased rate, stating grounds in support of the proposal.

Nothing contained above will apply to officials experts or otherwise and they will continue to be governed as at present by the rules applicable to them.

Sd/-
(J. Veerasinghavan)
Director (Plg.&IF).

.....

INCIDENCE OF STUDENT UNREST DURING 1968-71.

(J.P. VINAYAK)

Cases of student unrest in universities during the period 1968-71 have been analysed. The data for the purpose of analysis is based on the newspapers reports. The following dailies have been consulted:-

The Hindustan Times, the Times of India, the Tribune, the Indian Express, Patriot, National Herald, the Mother-Land the Statesman and Amrit Bazar Patrika.

Limitations : The data pertaining to student unrest is subject to a limitation. Although the dailies listed above cover all the important and major incidents of student unrest in different parts of the country yet minor incidents in far off-places in certain regions might not have been reported through them. Such incidents as might have been reported in the local newspapers of different regions in the country could not be included for the purpose of present analysis. The data, therefore, to that extent, may not be fully representative of the total picture in the country. Nevertheless, the present data do speak of the broad trends. Some of the conclusions drawn from the data are quite revealing.

Classification : The incidents relating to student unrest during the period 1968-71 have been analysed state-wise. The data have been put under two categories, viz. (1) according to nature of issues involved and (2) according to violent and peaceful.

The issues involved in student unrest have been divided into three heads namely, academic, off-campus and others. The academic issues have been further categorised into instructional and examination. All these cases pertaining to

- (i) Admission
- (ii) Representation of students on University bodies.
- (iii) Physical facilities- library/laboratory etc.
- (iv) Recognition of degrees, reorganisation of courses etc., etc.

have been put under the category of instructions whereas all such cases pertain to:

- i) Examination & Schedule
- ii) Change in the examination system
- iii) Promotion of failed students
- iv) Difficult question papers
- v) Evaluation
- vi) Exemption etc. have been put under the category of examination.

Off-campus issues include:

- i) Union elections
- ii) Public transport
- iii) Police excesses
- iv) Political issues/demonstrations
- v) Clashes between different groups of students
- vi) Anti-government
- vii) Police entry into campus
- viii) Sympathetic strikes
- ix) Demonstration against disciplines
- x) Defiance of section 144 (a) food agitation
- xi) Clashes between students and political workers.

Others include cases pertaining to-

- i) Economic factors like fee, scholarships, employment
- ii) Relationship viz. student-student, student-teacher, student-administration
- iii) Expulsion
- iv) Residential and canteen facilities like better messing arrangements, better amenities in hotels etc.

Violent incidents for the purpose of present analysis have been taken as those cases where there has been a 'Gherao' of an university or a college authority-Vice-Chancellor or the Registrar or the Principal, etc. by the students or where harm has been done to public/Private persons or property due to student trouble or when physical or mental torture has been caused to any person due to student agitations.

Stat-wise distribution of student agitations.

Incidence of student unrest according to violent and peaceful and incidence of student unrest according to issues during the period 1968-71 have been shown in annexures II & III respectively.

The total number of incidents of student unrest during the period under report was 744 as may be seen from annexure I. There was hardly any state free from student troubles during 1968-71. The statewise analysis shows that Delhi leads so far as the number of incidents of student unrest is concerned followed by U.P. and West Bengal. It may be further seen that four states, viz. Delhi, U.P., West Bengal and Punjab account for 60 per cent of the total number of incidents during the period under report. The least disturbed States during the period were Gujarat, Himachal Pradesh, Jammu and Kashmir, Haryana, Maharashtra and Rajasthan so far as number of cases of student agitations were concerned. The least number of cases were reported in the State of Haryana (6) and the maximum (128) were in Delhi. There has hardly any incident of student unrest in the State of Haryana, Gujarat in 1971. The year-wise analysis as may be seen in annexure I showed that the incidents of student unrest rose from 105 in 1968 to 126 in 1971. However, the number of incidents rose from 105 in 1968 to 286 in 1969, declined from 286 in 1969 to 226 in 1970 and further declined from 226 in 1970 to 126 in 1971. The number of cases in 1971 are less because the data is upto October 1971. The maximum number of cases occurred in 1969 was 286 and the least was 105 in 1968. This figure is only upto October, 1971.

Violent versus peaceful agitations: It has been seen that for the last few years various universities have been rocked by violence. It may be seen from annexure II that more than 80 percent of the total number of cases of student agitations during the period 1968-71 were violent and only about 20 percent were peaceful. The state-wise analysis shows that the disturbance due to student agitations in each state during the period under report were predominantly violent. The average ratio of violent to peaceful was 4.4 : 1. The ratio of violent to peaceful ranged between 2.4 : 1 in Bihar and Madras and 21.0 : 1 in Madhya Pradesh. It may be further observed from Annexure II that next to Madhya Pradesh was Andhra Pradesh having ratio of 21.0 : 1. The cause of so much violence in Andhra Pradesh is mainly due to widespread agitation in the state due to Telengana issue.

It is interesting to note that disturbances in Southern States due to student agitations during each year from 1968 to 1971

have been predominantly violent. The earlier view that South is generally peaceful may be reviewed in the light of the conclusion drawn from the present study. This fact may be further investigated as the minor incidents might not have been reported in the newspapers taken into account for the present study. The maximum number of cases of violent agitations was reported in Delhi during 1968-71 followed by U.P. and West Bengal. The number of violent incidents of student unrest in the four States, viz. Andhra Pradesh, Delhi, U.P. and West Bengal account for more than 50 per cent of the total number of violent incidents reported during the period 1968-71.

Nature of issues involved: The state-wise analysis of the cases of student unrest according to issues involved (annexure III) show that majority of the student disturbances relate to off-campus. Of the total number of cases reported during 1968-71, more than 65 percent were due to off-campus issues, about 24 per cent due to academic issues and about 11 per cent due to other (i.e. unemployment economic factors, etc.). Of the total number of incidents due to off-campus issues, four States viz. Andhra Pradesh, Delhi, U.P. and West Bengal account for more than 57 per cent of the total during 1968-71. It can be inferred from this that student agitation due to off-campus issues generally lead to violence. Of the total number of cases reported due to academic issues, States of Bihar, Delhi, U.P. and West Bengal account for 58 per cent of the total during 1968-71. According to Statewise analysis, the most important factors leading to student disturbances were adjustment in relationship, economic and off-campus issues in Andhra Pradesh, instructional and off-campus in Assam; examination and off-campus in Bihar; off-campus and economic in Gujarat; off-campus and instruction in Haryana; instruction and examination in Himachal Pradesh; off-campus and examinations in Jammu and Kashmir; off-campus, instructions and examination in Kerala; off-campus and examinations in Madhya Pradesh; off-campus, examination and economic in Madras; off-campus and examinations in Maharashtra; off-campus in Mysore; off-campus, economic and examinations in Orissa; off-campus, examination in Punjab; off-campus, instruction, examinations and economic in Rajasthan, off-campus, instructions, examinations in U.P. off-campus, instructions, examination in West Bengal.

It may also be seen from annexure III that the issues involved during student agitations during 1968-71 in each state predominantly related to off-campus. Year-wise analysis has also shown that each year during the period 1968-71, issues involved in campus unrest predominantly related to off-campus.

It has been further observed that of the off-campus issues involved in different states during 1968-71 most important factors leading to student troubles were as under:

Political (mainly Telengana issue) and police excesses in Andhra Pradesh; clashes between groups of students, political in Assam, political clash between students and political workers, police excesses in Bihar; public transport, police excesses, political in Delhi; political in Jammu and Kashmir; political, food-agitation in Kerala; police excesses and political in Madhya Pradesh; anti-Hindi and political in Madras; Political in Maharashtra; political in Orissa; Political clash between students and police in Punjab; police excesses and political in Rajasthan; political, student-political workers clash, union elections in U.P.; political police-excesses, student-police clash in West Bengal.

Some important conclusions and observations:

1. It has been observed that the largest number of cases

of student indiscipline occurred during the months of March and April i.e. during examination or immediately after summer vacations in September. This is probably due to the reason that students feel hime-sik after enjoying vacations and due to lack of proper facilities and atmosphere in university and college, they indulge in agitational activities on some pretext or the other. Such activities might release their boredom.

2. Almost all the states have been affected by student agitations - the most disturbed states being Bihar, Delhi, Madras Punjab, U.P. and West Bengal. The least disturbed States were Gujarat and Haryana. The incidents of students unrest in six States viz. Bihar, Delhi, Madras, Punjab, U.P. accounted for 65 percent of the total number of cases reported during 1968-71.

3. The analysis indicates that student violence has increased in the campuses. Of the total 744 incidents of student unrest reported during 1968-71, more than 80 per cent were violent and only about 20 per cent peaceful average ratio of violent to peaceful being 4.4 : 1. The states of Andhra & Madhya Pradesh were completely violent, so far as number of incidents of student unrest were concerned.

4. It has been observed that more than 65 percent of the cases of student unrest were due to off-campus issues and majority of those were either politically motivated or backed by political parties. This draws us nearer to the conclusion that the political parties interfere in the varsity affairs and often exploit students for their own ends.

5. As regards student unrest due to other reasons, it has been seen that about 24 per cent of the total number of incidents were due to academic issues, 11 per cent due to other issues. In most of these cases it can be very safely mentioned that at least one-third of student agitations were based on genuine demands and the demands were just put up for the sake of creating troubles in the campuses. So far as the remaining student agitations which may be due to genuine causes can be tackled easily by university or college authorities. In conclusion, it may be mentioned that such analysis may not enable us to solve the problem of student unrest in universities but it does enlighten us about the nature of intensity of the situation. We have been seeing daily the deteriorating situation in the universities. Student violent activities have increased to such extremes that 'gherao' and assault on the Vice-Chancellor have become a common feature and no action is taken either by the authorities or the police. The law and order needs to be strengthened. The incidents at Jodhpur and Jadavpur are cases in point. It has become very difficult to find a clear solution to the problem.

It is suggested that a few depth-studies may be undertaken region-wise and university-wise in order to find out the root cause of violence in each region and each university.

In this connection a few hypotheses for such studies are indicated below:

1. Student unrest declines if students are given representation on university bodies (Situation in Kerala and Bombay Universities which have allowed students on the Senate may be analysed.).

2. Proper coordination among student unions in universities lessens the violent agitations.

3. Politics and union rivalries inspired by political parties are largely responsible for student troubles on the campuses.
4. Over-crowding in universities/colleges and lack of facilities results in frustration, tension and lead to student unrest.
5. Lesser the interference in varsity affairs by the State Government, lesser the student disturbances on the campus.

....

State wise distribution of students agitations
during 1968-71

Total Number of agitations

S.No.	State	1968	1969	1970	1971	Total
1.	Andhra	6	53	2	5	66
2.	Assam	4	5	10	6	25
3.	Bihar	6	10	15	13	44
4.	Delhi	10	44	34	40	128
5.	Gujarat	5	1	1	-	7
6.	Haryana	1	4	1	-	6
7.	Himachal Pradesh	-	-	-	7	7
8.	Jammu and Kashmir	1	3	8	3	15
9.	Kerala	5	12	3	1	21
10.	Madhya Pradesh	7	11	12	1	31
11.	Madras	8	31	8	6	51
12.	Maharashtra	2	3	2	7	14
13.	Mysore	1	8	9	8	22
14.	Orissa	5	15	3	6	29
15.	Punjab	12	21	10	7	50
16.	Rajasthan	4	3	8	3	18
17.	U.P.	18	36	43	12	109
18.	West Bengal	10	27	57	7	101
Total:		105	287	226	126	744

* The figures for the year 1971 is from January to October.

....

State-wise : Incidence of Students' agitation according to violent and peaceful during 1968-71.

S.No.	State	Violent	Ratio of Violent to peaceful	Peaceful	Total
1.	Andhra	63	21 : 1	3	66
2.	Assam	18	2.6: 1	7	25
3.	Bihar	31	2.4: 1	13	44
4.	Delhi	99	3.4: 1	29	128
5.	Gujarat	6	6.0: 1	1	7
6.	Haryana	5	5.0: 1	1	6
7.	Himachal Pd.	3	0.8: 1	4	7
8.	Jammu & Kashmir	12	4.0: 1	3	15
9.	Madhya Pradesh	31	31.0: 1	-	31
10.	Kerala	18	6.0: 1	3	21
11.	Madras	36	2.4: 1	15	51
12.	Maharashtra	12	6.0: 1	2	14
13.	Mysore	18	4.5: 1	4	22
14.	Orissa	24	4.8: 1	5	29
15.	Punjab	37	2.8: 1	13	50
16.	Rajasthan	15	5.0: 1	3	18
17.	Uttar Pradesh	91	5.0: 1	18	109
18.	West Bengal	87	6.5: 1	14	101
Total:		606	4.4: 1	138	744

State-wise : Incidence of Students agitations according to issues during 1968-71

S.No.	State	Academic	Off-Campus	Others (Employment fees, residential, canteen etc.)	Total
1.	Andhra	2	59	5	66
2.	Assam	5	16	4	25
3.	Bihar	21	19	4	44
4.	Delhi	22	91	15	128
5.	Gujarat	1	3	3	7
6.	Haryana	2	4	-	6
7.	Himachal Pd.	7	-	-	7
8.	Jammu & Kashmir	6	8	1	15
9.	Kerala	6	13	2	21
10.	Madhya Pd.	9	18	4	31
11.	Madras	7	30	6	51
12.	Maharashtra	2	10	2	14
13.	Mysore	3	19	-	22
14.	Orissa	6	16	7	29
15.	Punjab	11	33	6	50
16.	Rajasthan	7	8	3	18
17.	Uttar Pd.	41	53	15	109
18.	West Bengal	18	76	7	101

Total:		176	484	84	744
		(23.6)	(65.1)	(11.3)	(100.0)

Confidential

University Grants Commission

Meeting:
Dated: 21 February, 1973

Item No. 3: To approve the statement of grants released after the last meeting of the Commission hold on 6th December, 1972.

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P L A N

S.No.	Name of the University	Purpose	Grants released
1	2	3	4
1.	Agra		
		Grants towards the salaries of staff appointed during the Fourth Plan period - Institute of Household Arts and Home Science.	19,485
		Sanction of grant under the Fourth Plan Development Scheme purchase of equipment for Statistical Laboratory for the institute of Social Sciences.	5,000
		Purchase of library books and journals (H) for Institute of Social Sciences -	10,000
		<u>Affiliated Colleges</u>	
	Radhaswami Educational Institute, Dayalbagh, Agra.	Special Grant for Books & Journals - Grants to Teacher's Training Colleges during the Fourth Plan period 1972-73.	8,000
	Ganjdundwara College Ganjdundwara.	Construction of Teachers Hostel.	10,000
	Ganjdundwara College Ganjdundwara.	Construction of library building (including furniture).	30,000
	S.R.K.(P.C) College, Firozabad.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
	D.E.T. Women's Training College, Dayalbagh, Agra.	Special Grant for Books & Journals - Grants to Teacher's Training Colleges during the Fourth Plan period - 1972-73.	12,000
	Mahatma Gandhi Memorial Degree College, Sambhal.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
	Hindu College, Moradabad.	Construction of Teaching accommodation	40,000
	M.R.B.R. College, Haldwani.	Construction of Teachers Hostel	20,000
	Bhartiya Municipal Girl's College Chandausi.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
	G.S.H.Degree College Chandpur-Sian	-do-	1,000
	Ganjdundwara College Ganjdundwara.	Purchase of Laboratory equipment.	5,000
	Vardhman College Bijnor.	Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant.	250
	Kishori Bman Girls Degree College, Mathura.	Continuation of UGC assistance under II/III Plan salary revision of affiliated colleges teachers beyond 31.3.1966.	500

Agra Contd.

Raja Balwant Singh College, Agra.	College Science Improvement Programme - Selected Colleges - Project - Grant-in-aid.	50,000
Saubhagyavati Bai Dani Mahila Mahavidyalaya, Dhanpur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Baroilly College, Baroilly.	Programme of Exchange of Visits by Younger Scientists between India and U.K. - Dr.R.K. Sharma, Lecturer in Zoology.	7,000
N.H.S.N. Dass College, Budaun.	Grants to college libraries for loan of books to students (Book Bank).	3,250
Hindu College, Moradabad.	College Science Improvement Programme - Selected Colleges Project - Grant-in-aid.	30,000
J.S.Hindu College, Amroha.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
Raja Balwant Singh College, Agra.	-do-	4,250
National Degree College Bhongaon. (Manipur)	-do-	1,000
U.P.College of Veterinary Science & Animal Husbandry, Izatnagar.	-do-	1,000
Dharma Samaj College, Aligarh.	College Science Improvement Programme - Selected Colleges Project - Grant-in-aid.	80,000
Indian Veterinary research Institute, Izatnagar.	Visit of Bulgarian Professor Dr.P.Prokopanove from Higher Medical Institute, Sofia (Bulgaria) under Indo-Bulgarian Cultural Exchange Programme.	219.36
Government Degree College, Gopeshwar.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
D.E.I.Engineering College, Dayalbagh, Agra.	-do-	750
Govt. Degree College, Gopeshwar.	Purchase of Laboratory Equipment - Release of balance grant.	5,000
D.E.I.Women's Training College, Dayalbagh, Agra.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
National Degree College Bhogaon.	Grants to colleges for Laboratory equipment for Geography.	1,250
Govt. Degree College, Gopeshwar.	Book grant to the affiliated colleges - 1969-70 Release of balance grant.	750
Saraswati Degree College, Hathras.	Purchase of Lab. equipment - Release of Balance grant.	4,000
Motiram Baburam Degree College, Haldwani	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Govt. Degree College, Kotdwara.	-do-	1,000
Daulayal Mahila Mahavidyalaya, Firozabad.	-do-	750
Kanya Mahavidyalaya Degree College, Bhoor, Barilly.	-do-	750
D.S.College, Aligarh.	Construction of Teaching accommodation and Lecture theatres.	40,000
Birla Govt. Degree College, Srinagar.	Grants to affiliated colleges - construction of Women's Hostel.	20,000
Sahu Gopinath Girls Degree College, Baroilly. (Agra.)	Purchase of books, equipment and furniture	15,000

Agra Contd.

G.B. Pant Degree College, Kachla (Agra).	Purchase of Lib. Books - release of balance grant.	1,125
S.M. College, Chandausi. (Agra).	Purchase of Laboratory equipment.	2,500
K.N.Govt. College, Gyanpur.	Development of postgraduate studies in science subjects in affiliated colleges Financial assistance by the University Grants Commission during the Fourth Plan period.	51,000
Babu Shiv Nath Agrawal College, Mathura.	Financial assistance to college for deve-	6,000
B.D.Jain Girls College Agra.	Construction of Class Rooms	25,000
B.D.Kanya Mahavidyalaya, Agra.	Construction of Teachers Hostel	50,000
M.R.B.R.Degree College Haldwani.	Construction of additional teaching accommodation.	20,000
Ewining Christian College, Allahabad.	Purchase of Laboratory equipment	5,000
Vardhaman College, Bijnor.	Students' Aid Fund in the Colleges Grant for 1972-73.	3,250
M.G.Balika Vidyalaya Degree College, Firozabad.	-do-	750
Agra College, Agra.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Science - Payment of first instalment of grant.	250
S.N. Medical College, Agra.	-do-	1,750
-do-	-do-	500
Govt. Degree College, Chanoli.	Financial assistance to teachers for research/learned work in Science and Humanities including Social Sciences - Payment of Second Instalment of grant.	250
D.B.S. College, Dehradun.	-do-	150
Government Degree College, Pithoragarh.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
S.M.College, Chandausi.	-do-	2,250
Swarni Sukhdevanand College, Munukshu Ashram Shahjahanpur.	-do-	1,000
S.N. Medical College, Agra. (UP).	-do-	1,750
D.E.I. Women's Training College, Dayalbagh.	Grants to Teachers Training College during the Fourth Plan period.	31,000
Govt. Degree College, Kothwara. (UP).	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Science - Payment of first instalment.	250
Bareilly College, Bareilly.	-do-	400
Narain College, Shikohabad.	-do-	250
K.N.Govt. College, Gyanpur, Varanasi.	-do-	500
K.N.Govt. College, Gyanpur. Varanasi.	-do-	500

Agra. Contd.

K.N.Govt. College, Gyanpur, Varanasi.	Financial assistance to teachers in the uni- versities and colleges for undertaking research or learned work in Science - Payment of first instalment of grant.	250
R.B.S.College, Agra.	-do-	400
	Total:-	<u>6,44,029.34</u>

2. Aligarh University

Development Scheme for the Fourth Plan Period - Construction of Geography Depart- ment building.	80,000
Award of Scholarships for Honours and post- graduate Studies in Arabic during 1972-73.	1,200
-do- in Persian	1,200
Recurring grant for additional staff (Semi- Professional) appointed during Fourth Plan Period in various science department.	33,000
Organisation of All India Summer Institute in Economics, Political & Social Geography during winter, 1972 - sanction of 2nd instal- ment - grant for.	10,000
Junior Research Fellowships in Science - Payment of contingency grant.	1,000
Award of Scholarships for Post-graduate Studies in Arabic during 1972-73.	450
Additional post of Accounts Officer - Release of grant.	17,000
Fourth Plan Development Schemes - the Centre of Advanced Study in History - Release of grant (Recurring) during 1972-73.	1,34,000
Award of Scholarships for Post-Graduate Studies in Arabic and Persian during 1972-73	1,800
-do-	1,200
Hospital attached to the Jawaharlal Nehru Medical College - Purchase of Equipment for the - Grant for the.	75,000
Senior Research Fellowships in Science - Payment of fellowship-honorarium and contin- gency grant.	3,645.16
Construction of Mortuary Block in the Hospital attached to the Jawaharlal Nehru Medical College.	25,000
Award of Scholarships for Honours and Post- Graduate Studies in Persian during 1972-73.	300
Construction of Building for the Jawaharlal Nehru Medical College.	35,000
Grant for holding All India Congress Radiology at the P.N. Medical College, Aligarh	3,000
Un-assigned grant 1972-73.	6,000
Construction of first floor of Zoology department - Fourth Plan development scheme.	40,000
Introduction of 'Professional Courses' in various departments during Fourth Plan period.	16,000
Recurring grant for additional staff appoint- ed during Fourth Plan period in various science departments.	4,85,000
375 Engineering Students Hostel - Purchase of living room furniture for - Payment of Grant	30,000

Aligarh Univ. Contd.

Organisation of a symposium on structural inorganic chemistry - Radiation and Nuclear Chemistry on 18-20 December, 1972.	5,000
Research Fellowships in Engg. & Technology	2,706.67
Payment of fellowship/honorarium & Contingency grant.	
-do-	3,129.03
Additional post of Lecturer for the department of Persian under IV Plan Development Schemes.	6,000
Award of Junior Research Fellowship to Mr. Jaleel Asghar under Area Studies Programme	4,546
Payment of grant.	
Award of Scholarships for honours studies in Arabic.	1,200
-do-	1,800
-do-	1,800
Senior Research Fellowships in Science -	4,250
Payment of fellowship-honorarium & Contingency grant.	
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Science - Payment of first instalment of grant.	375
<u>Affiliated College</u>	
College of Engg., Aligarh.	
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Science - Payment of first instalment of grant.	375
	10,31,226.86

Allahabad University.

Basic grant for the purchase of Books and Journals to the University Departments of Education for the development of Teacher Education and Research during the Fourth Plan Periods	10,000
Construction of Gymnasium by the College under the assistance from UGC.	15,000
Summer Institute in Social Psychology at National Level during Winter 1972 - Sanction of 2nd instalment - grant for.	5,000
Junior Research Fellowships in Science -	966.13
Payment of Contingency grant.	
Purchase of equipment for various science departments during Fourth Plan period.	60,000
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
Junior Research Fellowships in Sciences -	999.66
Payment of Contingency grant.	

Allahabad Univ. Contd.

	Utilization of Services of Retired Teachers Professor O.P. Bhatnagar.	2,166.67
	Junior Research Fellowships in Sciences - Payment of Fellowship-honorarium and contingency grant.	2,900
	Senior Research Fellowships in Sciences	4,000
	Junior Research Fellowships in Science - Extension in Fellowship tenure - Unassigned grant 1972-73.	1,712.90
	Senior Research Fellowships in Sciences - Payment of Contingency grant.	16,000
	Financial assistance to Teachers for research/learned work in Sciences and Humanities - including Social Sciences - Second Instalment.	823.21
	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
	Award of junior fellowships to the students admitted during 1972-73.	3,250
		18,900
	<u>Affiliated Colleges</u>	
Chandhari Mahadeo Prasad Degree College, Allahabad.	College Science Improvement Programme - Selected Colleges Project - Grant-in-aid.	60,000
M.Z.H.Medical College, Allahabad.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences. First instalment.	500
C.M.P.Degree College, Allahabad.	Grants to college libraries for loan of books to students - Book Bank.	5,500
		<u>2,08,768.57</u>

4. Andhra University

	Junior Research Fellowships in Science	2,950
	Payment of fellowship-honorarium and Contingency grant.	
	Summer Institute in Chemistry for college teachers held during 1-71	679.49
	Senior Research Fellowships in Science.	4,250
	Construction of 5 blocks of 40 quarters for Class IV Employees.	50,000
	Construction of High Voltage Laboratory	1,257
	Award of UGC Studentships of the value of Rs.150/- p.m. to the students admitted to the Geo-Physics course.	59,000
	Award of studentships of the value of Rs.150/- per month to the postgraduate students of Applied Geology Courses.	38,700
	Utilisation of Services of Retired Teachers - Extension of Award - Dr. P.B.R. Murti.	3,416.67
	Junior Research Fellowships in Humanities including Social Sciences - Payment of contingency grant.	1,000
	-do-	1,000
	Purchase of Books for Science department during Fourth Plan period.	60,000
	Grant-in-aid for the construction of a building for the postgraduate course in M.E.(Mechanical).	3,780

Andhra Univ. Contd.

Grant-in-aid for the construction of a building for postgraduate course in Civil Engineering, Andhra University:	1,000
Award of junior fellowship of Rs.250/- p.m. to the students admitted in M.E. & M.Toch. Courses during 1970-71.	2,145.16

Affiliated Colleges

Raja Vazireddi Venkatadri Nayudu College, Dharanikota.	Construction of Men's Hostel.	50,000
Jagarlamudi Kuppaswamy Choudary College, Guntur.4.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750
Maharajah's College, Vizianagaram.	-do-	3,750
Maharajah's College for Women, Vizianagaram (A.P.)	Purchase of Semi-micro Analysis Equipment	4,989.45
A.S.Goyt. College for Women, Kalmada.2.	Purchase of Laboratory equipment.	5,000
Vemulapalli Kodandaramaiah College, Buddhavaram.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
Govt. College for Women, Guntur.	-do-	2,750
Vemulapalli Kodandaramaiah College, Buddhavaram.	Construction of Additional Class- Rooms	1,20,000
Andhra Jatheeya Kalasala, Machilipatnam.	Grants to college libraries for loan of books to students - Book Bank.	4,452.45
Kondapalli Jethi Reddy Women's College, Gudivada.	Construction of a Women's Hostel.	70,000
Sir C.R.Reddy College, Eluru.	Construction of Laboratories	10,000
S.R.V.B.S.J. Maha Rao College, Poddapuram.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Mandasuri Tarakarama Rao College, Mandigama.	-do-	1,000
Y.A.Govt. College for Women, Chirala.	-do-	750
Raja Vasireddi Venkatadri Nayudu College, Dharanikota.	Purchase of Library Books and journals.	10,000
Dharam Apparao College, Mazvid.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
A.N.R.College, Gudivada.	Purchase of Laboratory equipment.	2,500
C.S.Devi St. Theresa's College for Women, Eluru.	Purchase of Laboratory equipment.	2,500
Alkineni Nageswara Rao College, Gudivada.	Grants to college libraries for loan of books to students - Book Bank.	2,999.15

Andhra Univ. Contd.

St. Joseph's College for Women, Waltair.	Grants to college libraries for loan of books to students - Book Bank.	3,250
C.S.Devi St. Theresa's College for Women, Eluru.2	Grants to affiliated colleges - construction of women's Hostel for 48 students.	35,000
C.S.Devi St. Theresa's College for Women, Eluru	Grants to affiliated colleges construction of women Hostel for 40 students.	15,000
Sir C. Ramalinga Reddy College, Eluru.	Grants to colleges for Laboratory equipment for 1970-72.	5,000
Vemulapalli Kodandaramaiah College, Buddhavaram.	Construction of Additional Class-Rooms	1,20,000
Andhra Jatheeya Kalasala Machilipatnam.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,250
Rajah R.S.R.K.Ranga Rao College, Hobbili.	Construction of additional teaching accommodation.	40,000
Andhra Loyola College, Vijayawada.8.	Grants to college libraries for loan of books to students (Book Bank).	3,250
K.R.R.Arts & Science College, Kodad.	Purchase of Semi-Micro Equipment.	5,000
J.M. & J.I.College for Women, Tenali.2.	Construction of Teachers' Hostel	30,000
Kakaraparti Bhavanarayana College, Kothapet. Vijayawada.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,250
Sri Yeramilli Narayanamurti College, Narsapur.	Purchase of Chalk Boards.	579.9
Sri ASM Govt. College, Palakol W.Godavari.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,250
Pedandandipadu College of Arts & Science, Pedandandipadu.	-do-	1,750
St. Joseph's College of Education for Women, Guntur.	Special Grant for Books & Journals	8,000
College of Engineering, Kakinada.	Grants to Teacher's Training Colleges during the Fourth Plan period 1972-73.	
Maharajah's College for Women, Vizianagar.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
	-do-	1,000

8,709,199.4

5. Ammanalai University.

Grant-in-aid for postgraduate courses in Engg.- Construction of building for Civil and Mechanical Engg.	40,000
Grant-in-aid for additional facilities for undergraduate and postgraduate courses in Engg. - Construction of building for Electrical Engg.	40,000
Grant-in-aid for the development of Scientific Education and Research -Payment of grant for the purchase of Scientific Equipment - Fourth Five Year Plan period.	95,000
Purchase of departmental Library Books and Journals (II).	30,000
Purchase of Library books and journals (H) sanction of grant for.	50,000

Annamalai Univ. Contd.

Grants for the support of research in universities - Fourth Plan period.	30,000
IV Plan development schemes in Humanities and Social Sciences - Salary of additional staff.	55,000
Centre of Advanced Study in Linguistics, Annamalai University - Release of recurring grants for 1972-73.	1,47,359
Grant-in-aid to the Centre of Advanced Study in Marine Biology - Annamalai University.	4,200
Award of junior fellowship in Engg./Technology	60,000
Construction of Teachers Hostel	50,000
Grant-in-aid for purchase of books & journals for Development of Engg. Education and Research.	30,000
Higher Education and Research - Development Schemes during Fourth Plan period - Improvement of Botanical Garden for the Department of Botany.	20,000
Recurring grant for staff appointed in various Science departments during Fourth Plan period.	8,000
Fourth Plan development scheme - Repair & alteration to Gas Plant - Chemistry department	5,000
Centre of Advanced Study in Linguistics, Annamalai University - Grants for the year 1972-73.	4,500
Purchase of Library Books and Journals for various Science departments - Fourth Plan development schemes.	62,000
Centre of Advanced Study in Linguistics, Grants for the year 1972-73.	1,750
Muthiah Polytechnic - Building grant.	60,000
Summer Institute in Biology for postgraduate students during 1972 - Sanction of 3rd instalment - grant for.	3,842.16
Construction of Students Home.	30,000
	8,26,651.16

Assam Agri. Univ.

Affiliated College

College of Veterinary Science, Khanapara.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	750
		750

A.P. Agri. Univ.

Affiliated Colleges

Agricultural College, Patala.	Students' Aid Fund in the Colleges grant for 1972-73.	1,750
		1,750

2. A.P.S. University

	Visiting Studentship Payment of IInd Instalment of grant for 1971-72.	2,000
	Un-assigned grant 1972-73.	25,000
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<u>Affiliated Colleges</u>		
Shaheed Kedarnath Degree College, Mauganj.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Babu Degree College, Nowgong.	-do-	750
Arts College, Silmour Distt. Rewa.	Book Grant to colleges for 1969-70	750
Govt. Science College, Rewa.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,250
Shaheed Kedarnath Degree College, Mauganj.	Purchase of Laboratory furniture.	1,200
Arts & Commerce College Beohari-Shahdol.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Shyam Shah Medical College, Rewa.	-do-	1,000
Sudarshan Mahavidyalaya, Rewa.	-do-	750
Degree College, Niwari.	-do-	750
Thakur Ranmat Singh Arts College, Rewa.	-do-	2,750
Government College, Shahdol.	Development of postgraduate studies in science subjects in affiliated colleges - Financial assistance by the University Grants Commission during the Fourth Plan period - Botany.	10,000
Government College, Sidhi.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Chhatrasal Municipal Degree College, Maharajpur.	-do-	750
Shaheed Kedar Nath Degree College, Mauganj.	Purchase of Library furniture.	2,500
Girls Arts Degree College, Chhatarpur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Nehru Degree College, Burber.	Grants to Colleges for Students Welfare Programme.	2,500
Arts College, Amarpatan	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250

57,700

3. B.H. University

Grant-in-aid for purchase of books for the development of Engg. & Technology Department of Electronics - IV Plan.	15,000
Grant-in-aid for purchase of books for the development of Engg. & Technology Department of Metallurgy - IV Plan.	10,000
Grant-in-aid for purchase of equipment for the department of Ceramics Engg. under the development scheme Engg., and Technology during the IV Plan.	80,000

Grant-in-aid for purchase of books for the development of Engg. & Technology - Deptt. of Civil Engg. - IV Plan.	10,000
Amenities for Students - Construction of two additional Warden Quarters for the new Hostel for 212 Students.	25,000
Starting of Evening Classes for B.A.	45,000
Award of Junior fellowship of the value of Rs.250/- p.m. to the students admitted in M.Sc. Mechanical Engg. - Batch 1972-73.	41,000
Assistance for setting up of Employment Information cum-Advisory Bureau in Universities.	9,375
Amenities for students - Construction of a building for students health clinic - payment of grant.	50,000
Construction of 6 Class III and 12 Class IV Staff Quarters for the S.S.Hospital attached to the Institute of Medical Sciences .	60,000
Research Scheme on "Reproduction Biology" under Dr. J.P. Thapliyal - Department of Zoology - Payment of grant for the -	17,000
Payments of non-recurring grants under the IV Plan development Scheme - Deptt. of Geology, Zoology, Equipment.	50,000
Construction of a Building for out-patient department in the S.S. Hospital attached to the Institute of Medical Sciences.	2,00,000
Writing of University Level Books/Monographs (Regarding book on "Social Sciences in Hindi" under the supervision of Dr. Sant Singh.	3,984
Purchase of Equipment for the S.S. Hospital attached to the Institute of Medical Sciences.	50,000
Purchase of Equipment for the Institute of Medical Sciences under the schemes of 'Introduction of Postgraduate Courses in the Institute of Medical Sciences and Development of the Institute during the Fourth Plan.	6,00,000
Financial assistance to Teachers for research work in Sciences and Humanities including Social Sciences - Payment of Second instalment.	250
-do-	250
Senior Research Fellowships in Sciences - Payment of contingency grant.	1,000
Junior Research Fellowships in Sciences.	2,626.67
-do- in Humanities including Social Sciences Payment of contingency grant.	518.85
Construction of Six class IV staff quarters for the Rural Health Centre of the Department of Preventive and Social Medicine of the Institute of Medical Sciences.	30,000
Grant-in-aid for purchase of books for the development of Engg. & Technology - Department of Applied Sciences - IV Plan.	20,000
IV Plan Development Schemes (H) - Purchase of equipment for Law College.	5,000
IV Plan Development Schemes (H) - Purchase of equipment for the department of English.	2,500

B.H.Univ. Contd.

Institute of Medical Sciences - Expansion of Surgical Research Laboratory - Payment of Recurring Grant for Staff and Contingencies.	75,000
Amenities for Students - Construction of a Hostel Building for 212 Students.	1,00,000
Grant-in-aid for purchase of equipment for the department of Pharmaceutics Engg. under the Development scheme Engg. & Technology during IV Plan.	20,000
Grant-in-aid for purchase of equipment for the department of Mining under the Development Scheme Engg. & Technology during the IV Plan.	1,50,000
Grant-in-aid for purchase of equipment for the department of Civil Engg. under the scheme Engg. & Technology - BHU. - during IV Plan.	50,000
Grant-in-aid for purchase of equipment for the department of Mechanical Engg. under the scheme Engg. and Technology,	50,000
Grant-in-aid for purchase of equipment for workshop under the scheme Engg. & Technology during the IV Plan.	50,000
Grant-in-aid for purchase of books for the development of Engg. & Technology - Deptt. of Mining - IV Plan.	10,000
Holding of XII All India Sociological Conference.	3,000
Financial assistance to Universities for the employment of coaches.	8,992.4
Financial assistance to Universities for the employment of trained coaches.	25,000
Junior Research Fellowships in Sciences. Payment of fellowship-honorarium and contingency grant.	3,100
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	500
Holding of 47th All India Educational Conference from 28th to 31st December, 1972.	3,000
Salary of staff and contingencies under the scheme Centre for study of State Govt. in the Political Science Department.	15,000
Senior Research Fellowships in Science - Payment of contingency grant.	999.9
Junior -do-	1,000.00
-do-	3,100
Construction of 2 Wardens quarters for 212 students hostel - Payment of grant.	20,000
Amenities for Students - Extension of Cafeteria Building.	50,000
Grant-in-aid for consolidation and Development of the Department of Silicate Technology -Purchase of Equipment - Library and furniture during IV Plan.	8,000
Introduction of Post-graduate Courses in the Institute of Medical Sciences and Development of the Institute during the Fourth Plan	25,000
Purchase of Books and Journals for the Expansion of the Library of the Institute of Medical Sciences.	
Senior Research Fellowships in Sciences.	2,626.67

B.H.Univ. Contd.

Amenities for Students - Construction of a hostel building for 100 women students	1,00,000
Payment of Grant.	
Programme of Special Assistance to Selected Departments - Department of Metallurgy,	20,000
Purchase of library books and journals (H).	14,000
Senior Research Fellowships in Science -	
Payment of fellowship-honorarium and contingency grant.	3,629.03
-do-	2,693.55
-do-	3,516.13
Grant for holding a seminar on suicides and attempted suicides in India and their prevention	4,000
Construction of hostel for 212 Men Students -	1,00,000
Payment of Grant.	
Centre of Advanced Study in Philosophy -	25,000
BHU. - Extension of the Second Floor of the Library Building.	
IV Plan Development Schemes (H) - Salary of additional staff appointed in Women's College.	17,000
Construction of Animal House for the Institute of Medical Sciences.	50,000
Award of junior fellowship of the value of Rs.250/- p.m. to the students admitted in M.Sc. Pharmaceutics - Batch 1972-73.	16,000
Senior Research Fellowships in Science -	973.18
Payment of Contingency grant.	
Extension of the Library Building of the Institute of Medical Sciences under the scheme of Introduction of Postgraduate Courses in the Institute of Medical Sciences and Development of the Institute during the Fourth Plan.	1,50,000
Research Scheme on Reproduction Biology by (Cytogenetics Section) under Dr. T.Sharma -Department of Zoology- Payment of grant for	
Centre of Advanced Study in Philosophy -	48,558
BHU. - Fourth Plan Development Schemes -	
Payment of Recurring grant for 1972-73.	
Junior Research Fellowships in Science -	999.76
Payment of contingency grant.	25,000
Preparation of Historical Grammar of Hindi Language.	
Writing of University Level Book on "Bharata Silpkatha" with the subtitle 'Story of Indian Art' by Prof. S.K. Saraswati.	3,086
Payment of recurring grant towards Staff Salaries in Faculty of Science - Fourth Plan Scheme.	28,000
Construction of the Building for the workshop of the Institute of Medical Sciences under the scheme of Introduction of Postgraduate Courses in the Institute of Medical Sciences and Development of the Institute during the Fourth Plan.	1,00,000
Construction of Nuclear Research Centre Building - Department of Physics - Fourth Plan Development Scheme.	1,00,000
Payment of recurring grant for pay of staff of Science departments - Women's College - Fourth Plan development schemes.	60,000
Golden Jubilee Grant - Construction of Hindi Bhawan.	50,000

B.H.Univ. Contd.

Consolidation and Development of the department of Silicate Technology - Recurring Grant. 2,10,000

Affiliated Colleges

Dayanand Mahavidyalaya, Varanasi.	Construction of Library building	25,000
-do-	Students Aid Fund in the Colleges - Grant for 1972-73.	2,750
Arya Mahila Degree College, Varanasi.	Construction of Teaching accommodation, Over head tank and Tube well and.	2,78,795
-do-	Grants to Affiliated Colleges for Chalkboards.	3,840

34,29,524.25

10. Bangalore Univ.

	Summer Institute in Biology for college teachers during 1972 - sanction of 3rd instalment grant for.	1,990.85
	Un-assigned grant 1972-73.	15,000
	Regional Conference on Teaching and Research in Life Sciences - 18-19 November 1972 - sanction of the grant for	2,500
	Payment of recurring grant for the 5 year integrated degree course in engineering at Visvesvaraya College of Engg., Bangalore.	28,886.62

Affiliated Colleges

Sri Jagadguru Benukacharya College of Science and Arts, Bangalore.	Construction of Gymnasium by the college under the assistance from University Grants Commission.	45,000
Sri Jagadguru Benukacharya Evening College of Commerce, Bangalore.	Construction of Cycle Shed & Library Building	10,000
College of Arts & Science, V.V.Puran, Bangalore.	Book Grant (1970-72)	1,375
Sri Jagadguru Benukacharya College of Science & Arts, Bangalore.2	Purchase of Laboratory Equipment & furniture	20,000
Sri Sathya Sai Arts and Science College, "Brindavan" Kadugodi T.O. Whitefield, Bangalore	Utilization of services of retired teachers Payment of contingency grant.	816.32
St. Joseph's College Bangalore.	Grants to college libraries for loan of books to students - Book Bank.	5,500
M.E.S.College of Arts Commerce & Science, Bangalore.3.	Students' Aid Fund in the Colleges - Grant for 1972-73.	4,250
St. Joseph's College, Bangalore	-do-	3,750

12. Bhagalpur Univ.

Grant-in-aid for the construction of post-graduate Botany and Zoology Block - Fourth Plan Period. 2,00,000

Recurring grant for various Science departments during Fourth Plan period. 2,60,000

Affiliated Colleges

D.S.College, Katihar.	Construction of Biology Block	35,000
B.N.M. College, Barhiya.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
P.B.S.College, Banka	Construction Psychology Laboratory	11,316
Ranleo Sharda Mahavidyalaya, Salmari Moghyar.	Students Welfare Programme.	2,500
	Financial Assistance to Teachers in the Universities & Colleges for undertaking research or learned work in Humanities including Social Sciences/Sciences -	250
	Payment of first instalment of grant.	15,000
P.B.S.College, Banka	Extension of Teaching accommodations.	
K.S.S. College, Lakhisarai.	Purchase of Laboratory equipment	5,000
A.P.S.M. College, Barauni.	Construction of Arts Block	50,000
Bharat Sevak Samaj College, Supaul.	Extension of Science Laboratory building	40,000
Ram Charitra Singh College, Manjhaul.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000

6,21,066

13. Bhopal Univ.

	Grant for holding the XXII Annual Conference of Indian Association of Pathologists -	3,000
	Grant for holding the Annual Conference of Indian Mathematical Society	3,000
	Holding of Symposia, Discussion Groups, Essay competitions and Exhibition etc. in connection with the 25th Anniversary of India's Independence -	4,000
	Award of Junior Research Fellowship in Science and Humanities during the year '72-73	7,500

Affiliated Colleges

Government College, Ganj Basoda.	Financial Assistance to Teachers for research work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	250
Saifia College, Bhopal	Purchase of Laboratory Equipment	5,000
Govt. College, Bareilly.	Book Grant for 1969-70.	750
Gandhi Medical College, Bhopal.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Safia College, Bhopal	Construction of additional teaching accommodation, Laboratories and purchase of Laboratory furniture.	50,000
Govt. College, Ganj-Basod.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000

Bhopal Univ. Contd.

Dr. Bahadur Shastri College, Bhopal.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
S.L.Jain College, Bhopal.	-do-	3,250
Pragya College, Bhopal.	-do-	4,250
Regional College of Education, Bhopal.	Special Grant for Books & Journals - Grants to Teacher's Training Colleges during the Fourth Plan period -1972-73.	12,000
Madhwa Azad College of Technology, Bhopal.	Research Fellowships in Engg. and Technology.	2,813.33
U.P. College of Technology, Bhopal.	Summer Institute in Chemistry for college teachers during 1972 - 2nd instalment.	3,457.85
Govt. College, Sehore.	Financial Assistance to Teachers for Research/Learned work in Science and Humanities including Social Sciences - Payment of Second Instalment of grant.	250
Govt. P.G. College, Sehore.	-do- first instalment	375
Govt. College, Raipur.	-do-	500
Govt. Hemidia Arts & Commerce College, Bhopal.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Science - Payment of first instalment of grant.	250
Madhwa Azad College of Technology, Bhopal.	Junior Research Fellowships in Science.	3,100

1,07,996.18

Bihar University

	Purchase of departmental library books and journals (Humanities).	80,000
	Un-assigned grant 1972-73.	42,000
	Purchase of Scientific equipment for various Science departments during Fourth Plan period.	64,687.70
	Purchase of Library Books and Journals for Science departments - Fourth Plan development schemes.	72,000

Affiliated Colleges

College, Madhubani.	Financial assistance to teachers in the Universities and Colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
College, Madhubani.	Students' Aid Fund in the Colleges - Grant for 1972-73.	5,000
Prakash Mahila College, Bihar.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Science College, Muzaffarpur.	Construction of Science Block.	80,000
K.Goenka College, Bihar (Bihar).	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	6,000
Ban College, Mairwa.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Ban College, Chapra.	-do-	5,000
College, Muzaffarpur	Financial Assistance to Teachers for res- earch/learned work in Science and Human- ities including Social Sciences - Payment of Second Instalment of grant.	750

Bihar Univ. Contd.

P.N. College, Parsa.	Construction of Teachers' Hostel.	20,000
Shree R.P.S.College, Jaipur.	Students' Aid Fund in the Colleges - Grant towards arrears for 1971-72.	2,250
Millat College, Loharisarai.	Construction of Men's Hostel.	50,000

4,30,937.70

15. Bombay University

Utilization Services of Retired Teachers		494.70
Dr. C.M. Nabar Contingent Grant -		
Award of senior fellowship Rs.400/- p.m. to the students of 1972-73 batch in Chemical Technology and Chemical Engg.		5,160
Centre of Advanced Study in Economics, Grants for the year 1972-73.		6,150
Award of junior fellowship @ Rs.250/- p.m. to the students of 1972-73 batch in Chemical Technology and Chemical Engg.		70,000
-do-		3,275
Award of Scholarships for postgraduate studies in Arabic.		1,800
Centre of Advanced Study in Applied Chemis- try, Deptt. of Chemical Technology - Grants for the year 1972-73.		2,400
Centre of Advanced Study in Economics, Grants for the year 1972-73.		7,000
Development Schemes during the IV Plan -		
Salary of additional staff for the Deptts. of Humanities & Social Sciences.		35,000
Purchase of equipment for various science departments for the Fourth Plan period.		5,82,595.90
UGC. (Rec. & N.R.) grant for establishment of research unit in Economics of Education Department of Economics.		4,000
Purchase of departmental library books and journals (H)		20,000
Centre of Advanced Study in Applied Chemistry, University of Bombay - for the year 1972-73		1,10,198
Unassigned grant 1972-73.		34,000
UGC. (Rec.) grant for establishment of res- earch Unit in Economics of Education Deptt. of Economics.		25,000
Grants for purchase of books - Science subject		80,000
Programme of Special Assistance to selected Departments - Deptt. of Sociology.		20,000

Affiliated Colleges

Institute of Science Bombay.	Financial Assistance to Teachers in the Univ- ersities & Colleges for undertaking research or learned work in Humanities including Social Sciences/Sciences - Payment of first instalment of grant.	250
M.M.College of Arts & N.M.Institute of Science (Bhavan's College) Indheri- Bombay.58.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750

Bombay Univ. Contd.

The Chikitsak Samaha Sir Sitaran & Lady Shantabai Patkar College of Arts & Science, Goregaon	Grants to college libraries for loan of books to students (Book Bank).	4,750
Jai Hind College and Basant Singh Instt. of Science, Bombay.20	Grants to colleges for Students Welfare Programme.	5,988
Goa Education Society's Dhorme College of Arts & Science, Panjin, Goa	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750
Hansraj Jivandas College of Education, Bombay.32	Grants to Teachers Training College during the Fourth Plan period -Special grants for equipment and audio-visual aids	5,000
Kishinchand Chellaran Law College, Bombay.	Students' Aid Fund in the College - Grant for 1972-73.	2,750
Seth L.U.Jhavveri College of Arts, and Sir M.V. College of Science Andheri. Bombay	-do-	4,250
Ruparel College, Bombay.	Development of postgraduate department of Chemistry financial assistance by UGC. - Special grant for the purchase of Semi-micro Analysis equipment.	5,000
Hansraj Jivandas College of Education, Bombay.32	Grants to Teachers Training College during the Fourth Plan period - Special grants for equipment and audio-visual aids.	5,000
Anjuman College of Commerce & Economics, Bombay.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,250
Siddharth College of Arts & Science, Fort, Bombay.I.	-do-	5,000
Ramarama Raia College, Bombay.19.	College Science Improvement Programs Selected Colleges Project - Grant-in-aid.	50,000
Bombay Teachers Training College, Colaba, Bombay	Grants to Teachers Training College during Fourth Plan period -Special grants for books and journals.	500
Mazharial Sonani College of Arts and Science, Bombay.	Organising a Seminar on "Twentieth Century Sanskrit Literature with special emphasis on Post-Independence period" from 27th to 29th December, 1972.	6,000
Maharshi Dayanand Education Society's College of Arts and Science, Bombay.	Grants to College for Laboratory equipment	15,000
B.J. Arts and Science College, Ghatkopar, Bombay.77.	Grants to Affiliated Colleges for the purchase of Laboratory Equipment.	34,000
Carmel College for Women, Mivan-Goa.	Carmel College for Women: Mavin: Goa - Construction of Additional Teaching accommodation -	55,000
Secondary Training College, Bombay.1.	Grants to Teachers Training College during the Fourth Plan period-Special grants for equipment and audio-visual aids.	5,000
Mazharial Sonani college of Arts and Science, Bombay-7.	Grants to college libraries for loan of books to students (Book Bank).	5,500

16. Burdwan University

	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	500
	Construction of Students home.	10,000
	Symposium on "Industrialisation and Urbanisation" -	7,500
	Financial assistance to teachers for research/learned work in Science - 2nd instalment	250
	Construction of Mathematics building during the Fourth Plan period.	50,000
	Construction of Zoology Block	80,000
	Purchase of Laboratory furnitures, Maps etc. during 4th Plan period for Geography department.	25,000
	Purchase of equipment for various science departments - Fourth Plan development schemes.	75,000
	Senior Research Fellowships in Science.	4,500
<u>Affiliated Colleges</u>		
Sri R.S.S.Mandir B.T. College, P.O. Anur, Hooghly.	Students' Aid Fund in the Colleges for 1972-73.	750
Bolpur College, Birbhum.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
T.D.U.College, Raniganj. Dist. Burdwan.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - first instalment of grant.	250
Vivekananda Mahavidyalaya, Burdwan.	-do-	250
Kalna College, Kalna	Construction of Laboratory Building - Assistance Towards.	25,000
Kalna College, Kalna.	Construction of a Men's Hostel for 33 Students - Assistance Towards.	10,000
Saldaha College, Bankura.	Construction of Additional Teaching Accomodation.	1,50,000
Trivenditri Bhalotia College, Raniganj.	Construction of Teachers Flats - Assistance towards.	80,000
Abhedananda Mahavidyalaya, Sainthia	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Katwa College, Katwa.	Extension of Library and Laboratory facilities.	10,000
Abhedananda Mahavidyalaya, Sainthia.	Students' Aid Fund in the Colleges Grant for 1972-73.	2,250
Vivekananda Mahavidyalaya, West Bengal.	-do-	3,250
Raghunathpur College Raghunathpur.	Book Grant to Affiliated Colleges for the year 1970-71.	1,375
Sri Ramkrishna Sarada Vidya Mahapitha, P.O. Kumarpukur (Hooghly)	Students Welfare Programme.	5,000
Vivekananda Mahavidyalaya, Burdwan.	Grants to college libraries for loan of books to students - Book Bank.	3,000
Banwarilal Bholotia College, Asansol.	Extension of Laboratory Building	15,000

Barisal Univ. Contd.

Barisal Girls College, Barisal.	Grants to Affiliated Colleges for the purchase of laboratory equipment.	4,627.25
Shri Rama Krishna Sarada Vidya Mahavidyalaya, P.O. Kamarpukur Distt. Hooghly.	Grants to Affiliated Colleges for the purchase of Laboratory Equipment.	4,000
Shri Ramakrishna Sarada Vidyanandini, P.O. Kamarpukur, Hooghly) W.Bengal.	Students' Aid Fund in the colleges - Grant for 1972-73.	2,250

5,72,252.25

7. Calcutta University

Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	500
-do-	250
Symposium on Applied Physics (Optical instruments and Techniques) - Cancellation of approval.	9,000
Holding of 33rd Indian Political Science Conference to be held during December, 1972	3,000
Centre of Advanced Study in Ancient Indian History and Culture - for the year 1972-73.	4,050
Financial Assistance to Teachers for Research/Learned work in Science and Humanities including Social Sciences - Payment of second instalment of grant.	250
Cultural Exchange Programme between India and Romania for the year 1971-73.	332.53
Senior Research Fellowships in Sciences.	3,822.58
Junior Research Fellowships in Science	1,112.90
Construction of an additional Science building	1,00,000.
Regional Conference on Training and Research in the Life Sciences to be held during December 1972 January 1973.	2,000
Utilization of services of retired teachers	2,983.87
Life Science Centre - Payment of grant for the Calcutta University.	8,000
Seminar on "Social and Political Ideas of Rammohan Ray" sanction for the	5,500
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Science - Payment of first instalment.	250
-do-	500
Centre of Advanced Study in Radiophysics and Electronics - 1972-73.	1,09,924
Senior Research Fellowships in Sciences	4,677.42
Payment of fellowship-honorarium and contingency grant.	
-do-	999.88
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	750
Junior Research Fellowships in Science - Payment of fellowship-honorarium and	2,820

Calcutta Univ. Contd.

Affiliated Colleges

Sudhيرانjan Lahiri Mahavidyalaya, Nadia.	Establishment of Text Book Libraries in Colleges.	500
Yogoda Sat Sanya Pal- para Mahavidyalaya, Palpara. (W.Bengal)	Grants to college libraries for loan of books to students (Book Bank)	12,000
Ranaghat College, Ranaghat.	Students' Aid Fund in the Colleges - Grant for 1972-73.	5,000
Vidyasagar College for Women, Calcutta.	Financial Assistance to Teachers in the Universities & Colleges for undertaking research or learned work in Humanities in- cluding Social Sciences/Sciences - Payment of first instalment of grant.	250
Midnapore College, Midnapore.	-do-	750
E.K.C. College, Calcutta.	-do-	500
E.B.C. College, Naihati. (W.Bengal)	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
Jogannaya Devi College, Calcutta.	-do-	250
Lady Barbourne College, Calcutta.	-do-	750
M.B.B. College, Agartala	-do-	250
Gurudas College, Calcutta.	-do-	1,000
E.K.C. College, Calcutta.	-do-	250
R.B. College, 24- Parganas.	-do-	250
S.A. Jaipuria College, Calcutta.	-do-	250
Sudhيرانjan Lahiri Mahavidyalaya, Majdia.	Basic Grant to Affiliated Colleges for the purchase of library books.	500
Vidyasagar College, Calcutta.6	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750
Prafulla Chandra College, Calcutta.	-do-	3,750
Kanali Raj College, Kandi.	Grants to college libraries for loan of books to students - Book Bank.	3,225.25
Belda College, Midnapore.	Construction of Lecture Theatre Under Rs.3 Lakh Development Scheme.	5,000
Rajakrishnath College of Commerce, Berhampore.	Construction of Library Building.	10,000
Vivekananda Satavar- shilki Mahavidyalaya, P.O.Manikpara. Midnapore.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Presidency College, Calcutta.	Remittance of Rs.2,599/- as travel grant to L.K. Saha of this college.	99
Sree Narain College, Cannore.7.	Financial Assistance to Teachers for res- earch/learned work in Sciences and Huma- nities including Social Sciences - Payment of Second instalment of grant.	375

Calcutta Univ. Contd.

Basirhat College, Basirhat.	Students' Aid Fund in the Colleges - Grant for 1972-73.	5,000
Mahishadal Raj College, Mahishadal.	-do-	2,250
Udaya Sagar Teachers Training College, Bidnapore.	Special Grant for Books & Journals Grants to Teachers Training College during the Fourth Plan Period - 1972-73.	8,000
Dum-Dum Hooghly College of Commerce, Calcutta.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
Chandrababu College, Howrah.	-do-	8,750
Howrah Narsingha Dutt College, Howrah.	-do-	5,000
Chandragan College, Chandragan.	-do-	2,756
Chandrabaran Mazi Desrat College, Pathankhali.	-do-	1,000
Chandragoda Satsanga Pol- lora Mahavidyalaya, Bidnapore.	-do-	2,750
Chandragang Sajanikanta Mahavidyalaya, Bidnapore.	-do-	750
Chandraghoshadal Girls' College, Mahishadal.	-do-	1,000
Chandraghosh Soporajmuli Jalan Girls' College, Calcutta.	Purchase of Equipment and furniture for geography department.	3,000
-do-	Purchase of Books & Journals -	7,000
Victoria Institution for Girls, Calcutta.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750
Udayasagar Teachers Training College, Bidnapore.	Grants to Affiliated Colleges for the Purchase of Chalkboards.	980
Chandraghoshlal Mibaran Chandraghosh College, Chandraghoshabad.	Purchase of Books and Journals.	4,500
Chandraghosh Chandra Sekhanda Centenary College, 24 Parganas.	Purchase of Library Books and journals	5,000
Chandraghosh Chandra Sekhanda Mahavidyalaya, Majdia.	Book grant to affiliated colleges for the year 1969-70.	750
Chandraghosh Chandra Sekhanda Mahavidyalaya, Tenikuk.	Construction of Women's Hostel	60,000
Chandraghosh Chandra Sekhanda Mission Mahavidyalaya, Chandraghoshbasulevpur.	Construction of Non Resident Students Centre.	15,000
Chandraghosh Chandra Sekhanda College for Women, Barisbas.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Chandraghosh Chandra Sekhanda Mahavidyalaya, Bokdrip.	-do-	1,000
Chandraghosh Chandra Sekhanda Mahavidyalaya, Dum Motihjeel	-do-	2,250
Chandraghosh Chandra Sekhanda Mahavidyalaya, Dum-Dum.		
Chandraghosh Chandra Sekhanda Hazi Des- rat College, P.O. Pathankhali.	Book Grants to Colleges: 1970-72	1,125
Chandraghosh Chandra Sekhanda Sastri College Calcutta-19.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750

Calcutta Univ. Contd.

Netaji Nagar College, Netajinagar, Calcutta.	Financial Assistance to Teachers for research learned work in Science and Humanities in- cluding Social Sciences - Payment of Second instalment of grant.	250
-do-	-do-	375
Jhargram Raj College, Midnapore.	-do-	125
Contai Prabhat Kumar College, Contai.	Book Grant to Affiliated Colleges for the year 1970-71.	1, 625
Sudharenjan Lahiri Mahavidyalaya, Nadia.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Vivekananda Centenary College, Mahaha, 24 Parganas.	Grants to college libraries for loan of books to students - Book Bank.	3,250
Asutosh College, Calcutta.	Junior Research Fellowships in Humanities including Social Sciences -	3,233
Vivekananda Centenary College, Bahor.	Students Aid Fund in the Colleges - Grant for 1972-73.	1,750
Mrinalini Datta Maha- vidyanith, Uttar Dum- Dum, Birati. Calcutta.	-do-	4,250
All Bengal Teachers Training College, Calcutta.	Special Grant for Books & Journals - Grants to Teacher's Training Colleges during the Fourth Plan period -1972-73.	8,000
Gopal Chandra Memorial College of Education, New Barredapur.	-do-	8,000
Bagan College, Howrah.	Students Welfare Programme.	3,966
Mugheria Ganga Dhar Mahavidyalaya, Mugheria.	Students Aid Fund in the Colleges - Grant for 1972-73.	1,000
Dum-Dum Sarojini Naidu College for Women, Calcutta.	-do-	3,750
Rani Dhanya Kumari College & Commerce Jiaganj, Murshidabad.	-do-	1,000
Presidency College, Calcutta.	Programme of Special Assistance to selected Departments - Centre for Economic Studies.	4,500
Bhatter College, Dantan.	Financial Assistance to Teachers for Research/ Learned work in Science and Humanities including Social Science - 2nd instalment.	250
Presidency College, Calcutta.	Programme of Special Assistance to Selected Departments.	4,500
Govt. Sanskrit College, Calcutta-12.	Travel grant for attending the VI International Congress of Linguistics at Bologna, Italy from 28th August - 3rd September, 1972.	3,256
Presidency College, Calcutta.	Travel grant to Dr. A.K. Banerjee, Prof. & Head of the Deptt. of Geology, Presidency College, Calcutta, for attending the Inter- national Geological Conference held at Mon- teral Canada, in August, 1972.	2,599
Mahadevananda Maha- vidyalaya, Monirampur.	Construction of Additional Teaching accommo- dation.	55,000
Mahadevananda Maha- vidyalaya, W.Bengal.	Grants to Affiliated Colleges for the purchase of Laboratory Equipment.	4,000

Calcutta Univ. Contd.

Vivekananda Centenary College, Rohara.	Grants to affiliated colleges for the purchase of Laboratory Equipment.	4,000
Howrah Girls College Howrah.	-do-	1,250
Raja Krishnath College of Commerce, Berhampore	Construction of Gymnasium by the college under the assistance from University Grants Commission.	10,000
Gopal Chandra Memorial College of Education, New Barrackpore.	Development of Teachers Training Programme in Teachers Training College during the Fourth Plan period.	42,500
Kailashahar Ram Krishna Mahavidyalaya, Kailashahar.	Students Aid Fund in the Colleges - Grant for 1972-73.	2,250
Brahmananda Keshab Chandra College, Calcutta.35.	-do-	3,750
Yogoda Satsanga, Palpara, Midnapore.	Students Welfare Programme.	4,000
Goonka College of Commerce and Business Administration, Calcutta.	-do-	4,000

6,47,214.13

18. Calicut University

Financial Assistance to Teachers for research/Learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	750
Construction of Class IV Staff Quarters (5 type I and 17 type J).	1,50,000
Purchase of Library books and journals (H) - department of History.	34,971
-do- department of Languages	90,000
Purchase of Library books and journals (H)	25,000
Fourth Plan Development Schemes (H) - salaries of additional staff.	30,000
Financial assistance to teachers for research/Learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant.	500
Junior Research Fellowships in Sciences - Payment of fellowship-honorarium and contingency grant.	2,960
Grant-in-aid for the purchase of equipment for Science departments - Fourth Plan scheme	1,74,094
Grant-in-aid for the salaries of the additional staff appointed in the science department during the 4th Plan period.	2,00,000
Grant-in-aid for the development of scientific education and research - Payment of grant for purchase of books and journals for science departments under Fourth Plan period.	80,000
-do-	80,000

Calicut Univ. Contd.

Sree Krishna College, Gurunagar. (Kerala)	Grants to Affiliated Colleges for the purchase of Laboratory Equipment.	5,000
Govt. Victoria College, Palghat.	Grants to Affiliated Colleges for the purchase of Laboratory Equipment.	2,500
Sir Syed College Taliparamba, Kerala	Grants to college libraries for loan of books to students (Book Bank).	3,000
Govt. College, Madapally, Badagara.	Grants to college libraries for loan of books to students (Book Bank).	2,000
Govt. Training College, Calicut.	Special Grant for Books & Journals Grants to Teacher's Training Colleges during the Fourth Plan period - 1972-73.	8,000
Farook Training College, Feroke.	Special Grant for Books & Journals- Grants to Teacher's Training Colleges during the Fourth Plan period - 1972-73.	8,000
Govt. Training College, Trichur.	-do-	8,000
St. Thomas College, Trichur.	Financial Assistance to Teachers for research/learn d work in Science and Humanities including Social Sciences - Payment of 2nd instalment.	250
N.S.S.College, Majeri.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Vinla College, Trichur,9-	College Science Improvement Programme - Selected Colleges Project-Grant-in-aid.	80,000
M.H.S. Hampad College Mornad.	Construction of a Women's Hostel -	60,000
N.S.S. Training College, (Kerala)	Special grant for Books & Journals - Grants to Teacher's Training Colleges during the Fourth Plan period - 1972-73.	8,000
Christ College, Irinjalakuda.	Students Aid Fund in the Colleges - Grant for 1972-73.	3,750
M.E.S. Mapad College Malappurem.	Grants to college libraries for loan of books to students - Book Bank.	3,250
St. Joseph's College, Irinjalakuda.	Grants to college libraries for loan of books to Students (Book Bank)	2,730.6
Government Brennan College, Tellicherry.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750
Sree Krishna College Guruvayar.	Book Grant to affiliated colleges for the year 1970-71.	1,625
Sree Kerala Verna College, Trichur.4	Book Grant to Affiliated Colleges for the Year 1970-71.	1,625
M.E.S.Marpad College, Marpad.	Construction of Library Building	30,000
Govt. College, Chittara.	Students Aid Fund in the Colleges - Grant for 1972-73.	3,250
Govt. College, Kesaragd.	-do-	2,750
Govt. College, Madappally.	-do-	3,250
St. Mary's College, Sultan's Battery, Calicut.	-do-	1,750
Govt. Sanskrit College, Pattenbi.	-do-	2,750
Medical College, Calicut.	-do-	2,750
Sree Narayana College, Cannanore.	Financial Assistance to Teachers for research learned work in Sciences and Humanities including Social Sciences - 2nd instalment.	125

Calicut Univ. Contd.

Govt. Brannan College, Tellicherry.	Purchase of Chalkboards.	1,000
Little Flower College, Guruvayur.	Construction of a Non Resident Students Centre - Assistance towards.	28,000
Providence Women's College, Calicut.	Construction of a N.R.S.C. - Assistance towards.	15,000
Providence Women's College, Calicut.	Construction of Additional lecture halls.	20,533
Vinla College, Trichur.	Construction of Additional Class-room.	10,000
Regional Engg. College, Calicut.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Nirmalagiri College, Nirmalagiri.	-do-	3,250
M.E.S.Mampad College, Mampad.	-do-	1,750
Pashassi Raja N.S.S. College, Mottanur.	Construction of a Non resident students centre.	25,000

12,25,413.65

19. Cochin University

Award of Junior Research Fellowship in Science & Humanities during the year 1972-73.	7,500
Grant-in-aid for the development of Scienti- fic Education and Research - Payment of grant for the salaries of additional staff for science departments under Fourth Plan period.	30,000

37,500

20. Delhi University

Construction of 96 Quarters for Class IV Staff on Reids Lines.	50,000
Construction of 24 Quarters of Class III Staff at Reids Lines.	1,00,000
UGC. Area Studies Development Programme Department of Sociology - Senior Research Fellowship - Shri PD Khora - 1972-73.	200
Field work in M.Sc. Course in Geology 4th Plan Development Scheme.	10,000
Junior Research Fellowships in Science.	891.51
Scheme of Visiting Studentships for 1972-73	3,800
Institution of a certificate course for women in office supervision - Payment of recurring grant.	33,000
Running of the College of Medical Science.	6,00,000
Junior Research Fellowships in Humanities including Social Sciences-- Payment of Contingency grant.	500
Cultural Exchange Programme between India and Hungary for the year 1971-73.	5,000
Miranda House - Purchase of Library books in connection with the institution of B.A. (Pass) course in Political Science w.c.f. 1970-71 - Payment of grant for.	2,000

Delhi Univ. Contd.

Un-assigned Grant 1972-73	27,000
Installation of over-head water storages tanks in the science block (first floor).	2,755.87
Award of Junior Research Fellowship to Mrs. Asha Sarna in Buddist Arts and Architecture -	2,950
Award of National Fellowships - Payment of contingency grant - Dr. T. Raychaudhuri.	3,000
Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - 2nd instalment.	500
12th All India Law Teachers Conference -	3,000
Improvement of the garden - Payment of grant for	1,850
Award of Junior Research Fellowship under Gandi Centenary Programme.	3,010.71
Extension of UGC Scholarship facilities at the Master's level in Chinese Studies under the Area Studies Programme.	1,021.94
Area Studies Programme (Pakistan) Economics and Sociology.	30,000
Seminar on English Literature	10,000
Regional Conference on Teaching & Research in the Life Sciences to be held on 28-29 Dec., 1972	2,000
Transfer of teaching of B.Sc. (Hons.) in Physics and Chemistry to colleges - Non-recurring grant for books and journals.	20,000
Introduction of Vocational Courses - Officer on Special Duty Professional Courses.	13,000
One year certificate course in Forensic Science in the Department of Anthropology.	13,500
Development Scheme during the IV Plan - Appointment of additional staff - grant for.	3,00,000
Guru Manak Quin Centenary Celebrations.	500
Grant-in-aid for the improvement of Water supply system for Zoology department - 4th Five Year Plan.	11,000
Seminar on Orthopaedic Surgery.	475
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - first instalment.	250
Construction of Press Building of Delhi University	3,81,513
For holding 7th Annual Conference of the Electron Microscope Society of India.	3,000
Programme of Exchange of Visits by Younger Scientists between India and U.K. - Dr. Umkant Sinha, Lecturer in Botany.	7,106
Construction of an extension to Arts Faculty Building.	5,00,000
Research project 'A study of Manager's behaviour under the impact of technological change in a large industrial undertaking in India.	10,000
Continuation of special cell to provide sociological studies on Hill Areas in the North Eastern Region of India - Payment of grant.	30,000
Construction of Geology Department Building - 4th Plan development scheme.	30,000
Purchase of Scientific Equipment under Fourth Plan Development scheme.	1,00,000
Creation of posts of Administrative officers in different departments (Delhi University)	30,000
Area Studies Programme -Development of Chinese Studies.	35,000

Delhi Univ. Contd.

Junior Research Fellowships in Sciences- Payment of contingency grant.	993.37
Financial Assistance to Teachers for Research Learned work in Science and Humanities inclu- ding Social Sciences - 2nd instalment.	375
-do-	375
Construction of Building for housing the University Engg. Stores.	50,000
Creation of Post of Planning Officer - Constituent Colleges - Maintenance Grant for 1972-73.	20,000 1,00,000
Institute of Post Graduate (Evening) Studies - Expenditure on Library books.	5,000
Studies in Human Cyto-genetics-Department of Anthropology - 4th Plan Development scheme	20,000
Senior Research Fellowships in Humanities including Social Sciences Research Fellowships	2,790.32

Affiliated Colleges

Hindu College, Delhi.7.	Construction of New science block for B.Sc. (Hons).	50,000
Miranda House, Delhi.7.	Students' Aid Fund in the Colleges - Grant for 1972-73.	4,250
Satyawati Co-educat- ional College, Tinarpur. Delhi.7.	Delhi Univ. constituent colleges - Mainte- nance grant for 1972-73.	2,53,400
Lady Irwin College, New Delhi.	Writing of University Level Book on "App- lied Chemistry for Home Science and Allied Sciences" under the supervision of Mrs.T. Jacob.	2,000
Gargi College, New Delhi.	Setting of additional laboratories - Purchase of equipment.	702.36
Janki Devi Mahavi- dayalaya, New Delhi	Purchase of class room furniture under Extended Colleges Scheme.	2,998
Hans Raj College, Delhi.7.	Delhi Univ. Constituent colleges - Transfer of Teaching of B.Sc.(Hons.) in Physics and Chemistry to colleges - Non-recurring grant for laboratory equipment and books and jour- nals.	30,000
Delhi College, Delhi	Delhi College (Evening Classes) Grant for furniture and fittings for the extension of library building.	8,000
Gargi College, New Delhi.	Students' Aid Fund in the Colleges - grant for 1972-73.	2,750
Dyal Singh College, New Delhi.	Delhi University Constituent Colleges - Maintenance Grant for 1972-73.	1,00,000
Rajdhani College, New Delhi.	Purchase of land for the college building	1,94,978
Lady Hardinge Medi- cal College, New Delhi.	Annual Conference of Indian Association of Preventive and Social Medicine.	3,000
Shyam Lal College (Evening Classes) Shahdara. Delhi.32.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750

Delhi University Contd.

Sri Venkateswara College, Dhaula Kuan, New Delhi.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
Hans Raj College, Delhi.7.	Construction of Gymnasium by the College under the assistance from the UGC.	20,000
Daulat Ram College, Delhi.7.	Construction of Science Block of Daulat Ram College.	23,000
Rao Tula Ram College, New Delhi.	Delhi University constituent colleges - Maintenance grant for 1972-73.	67,000
Hastinapur College, Moti Bagh, New Delhi.	Hastinapur College (Evening Classes) Purchase of Library books for Honours courses in Hindi and English.	3,889.
Shivaji College, Delhi.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - 1st instalment.	250
Delhi School of Economics, Delhi.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	400
Deshbandhu College, New Delhi.	-do-	500
Delhi College, Delhi.	-do-	500
Gargi College, New Delhi.	Purchase of Library books for B.A.(Hons.) in Sanskrit.	1,000
Maitreyi College, New Delhi.23.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
Modern College for Women, New Delhi.3.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750
Janki Devi Mahavidyalaya, New Delhi.	-do-	3,750
Shivaji College, New Delhi.15.	Financial Assistance to Teachers in the universities & Colleges for undertaking research or learned work in Humanities including Social Sciences. - first instalment of grant.	250
Daulat Ram College, Delhi.7.	Construction of Hostel Block in the college- Payment of grant for.	20,000
St. Stephen's College, Delhi.7.	Delhi Univ. constituent colleges - Maintenance grant for 1972-73 - Payment of.	47,129
Gargi College, New Delhi.	Purchase of library books in connection with the introduction of B.A.(Pass) course in Psychology w.e.f. 1972-73.	2,500
Maulana Azad Medical College, New Delhi.	Travel grant to Dr.(Mrs.) Satish Arora, Lecturer in the Deptt. of Pharmacology, Maulana Azad Medical College for attending the V International Congress of Pharmacology to be held at San-Francisco in July, 1972.	327
Daulat Ram College, Delhi.7.	Construction of Hostel Block in the college	1,00,000
Kirori Mal College, Delhi.	Maintenance grant for 1972-73.	4,03,700
Institute of Home Economics, New Delhi.	Maintenance grant for 1972-73.	1,57,500
Dyal Singh College (Day Classes), New Delhi.3.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
Mata Sundri College for Women, New Delhi.	-do-	3,250

Delhi Univ. Contd.

Gargi College, New Delhi.	Purchase of library books for English (Miscellaneous).	82.56
St. Stephen's College, Delhi.7.	Delhi University constituent colleges - Grant for hostel Mess Staff for 1972-73.	27,769
Gargi College, New Delhi.	Setting up of additional laboratories - Purchase of furniture and fittings.	690.97
Ranjes College, Delhi.7.	Construction of the building for B.Sc.(Hons) classes in Physics and Chemistry.	50,000
Modern College for Women; New Delhi.	Purchase of ceiling fans.	5,830.06
Shri Ram College of Commerce, Delhi.7	Special grant for the purchase of library furniture.	8,176.62
Indraprastha College for Women's Delhi.	Travel grant to Mrs. H.Prakash for attending the Seminar on Arbeitstagung from 16th to 17th Jan, 1972 at Bonn (W.Germany).	299.50
Ranjes College, Delhi.7.	Construction of ceiling of hostel.	15,000
Delhi College, Delhi	Award of Scholarships for postgraduate studies in Arabic. 1971-72.	1,800
Alma Ram Santan Dharma College, New Delhi.	Financial assistance to college for deve- lopment of playfields and purchase of acce- ssories for games and sports.	5,000
Shyam Lal College, Bhadrachal, Delhi.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
Delhi College of Engg. Delhi.6	-do-	2,750
Hans Raj College, Delhi.7.	Financial assistance to teachers for res- earch/learned work in Science - 2nd instalment	250
Ranjes College, Delhi	Construction of science block for B.Sc. (Hons.) in Physics & Chemistry.	50,000
Hans Raj College, Delhi.	Construction of additional 2 bath rooms and latrine in the college hostel.	3,000
Delhi College, Delhi	Delhi Univ. constituent affiliated colleges Grant for laboratory equipment.	4,988.09
-do-	Financial assistance to college for deve- lopment of playfields and purchase of accessories for games and sports.	6,000
Shri Ram College for Women, New Delhi.	-do-	6,000
Modern College for Women, New Delhi.	Delhi Univ. Constituent colleges - Main- tenance grant for 1972-73 - Payment of.	1,20,100
Radha Devi Mahavidya Salaya, New Delhi.	Students Welfare Programme.	5,000
Institute of Home Genetics, New Delhi.	Purchase of six fans - Ex-post-facto approval	1,008
Shyam Lal College Mentoring (Classes) Delhi.32.	Delhi Univ. Constituent Colleges - Main- tenance grant for 1972-73.	1,58,100
Hans Raj College, Delhi.7.	All India Seminar on Charles Dickens held on 5 and 6 February, 1971 under the auspices of Hans Raj College Delhi.	2,217.04
St. Ann and Mary College, New Delhi.21.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
St. Lawrence College, Delhi.	Delhi University Constituent colleges - Maintenance grant for 1972-73.	3,35,200
Radha Devi Salwan College, Rajender Nagar Delhi.	Grant for the purchase of library books	6,500
Alma Ram Santan Dharma College, New Delhi.	Construction of Science Block - B.Sc.(Hons.) in Physics and Chemistry.	50,000

Delhi Univ. Contd.

P.G.M.V. College (Evening Classes), New Delhi.	Delhi Univ. Constituent Colleges - Maintenance Grant for 1972-73.	1,84,200
Hastinapur College (Evening Classes), New Delhi.	-do-	1,66,000
Shyam Lal College, Shahdara, Delhi-32.	-do-	2,61,100
Vivekananda Mahila College, Delhi-31.	-do-	96,900
Lyal Singh College, New Delhi.	-do-	1,00,000
Indraprastha College for Women, Delhi-6.	-do-	4,46,900
Jesus & Mary College, Chankypuri, New Delhi.	-do-	1,01,800
Lady Irwin College, New Delhi.	-do-	3,35,200
Bharti Mahila College, Jhandewala, New Delhi.	-do-	69,700
Gandhi College, New Delhi.	-do-	3,42,400
Gyan Devi Salugh College New Delhi-69.	-do-	44,600
Hastinapur College, Noida Bagh, New Delhi.	-do-	3,64,700
Mans Raj College, Delhi-7.	-do-	6,18,600
A.R.S.S. College, Dhandu Kuan, New Delhi.	Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - 2nd instalment.	250
		<hr/> <u>76,99,742.86</u>

21 Jharkhand Univ.

	Un-assigned grant for the year 1972-73.	15,000
	Payment of recurring grant for the salary of staff sanctioned during 4th plan period for Science department.	1,01,000
	Construction of building for the department of Physics.	1,01,000
	Construction of Women's Students Hostel - Payment of Grant - Fourth Plan Scheme.	50,000
	Construction of Teachers' Hostel.	25,000
	Construction of Women's Students Hostel - Payment of grant - Fourth Plan Scheme.	50,000
	J.B. College	---
	<u>Affiliated Colleges</u>	
J.B. College, Jharkhand.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - payment of first instalment of grant.	500
Jagan Medical College Jharkhand.	-do-	500
Hirbei College, Hirbei.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Jaganmohi Barooah College, Jharkhand.	-do-	3,750

Dibrugarh Univ. Contd.

Dergaon K.D. College, Dergaon. (Assam).	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,75
Pigbai College, Digboi.	Financial assistance to college for deve- lopment of playfields and purchase of accessories for games and sports.	6,000
Heren College, Garanet. (Assam)	Financial Assistance to Teachers for res- earch work in Sciences and Humanities including Social Sciences - 2nd instalment	500
Dergaon K.D. College Dergaon, Assam.	Grants to college Librarians for loan of books to students - Book Bank.	3,250
Sibsagar Girls College, Sibsagar.	Construction of Women's Hostel.	60,000
North Bank College, Chilamari. (Assam)	Construction of Teachers Hostel (Addi- tional Four Units).	20,000
North Lakhimpur College, North Lakhim- pur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Sibsagar College, Jowsagar.	Grants to Affiliated Colleges during IV Plan - Extension of Science Laboratories Buildings.	40,000
Sibsagar Girls' degree Sibsagar.	Construction of Women's Hostel - Assistance towards.	20,000
-do-	purchase of Books & Journals - Assistance towards.	2,000
-do-	Financial assistance to college for deve- lopment of playfields and purchase of accessories for games and sports.	6,000
		<hr/>
<u>Assam University</u>		5,06,759.00

Award of Scholarships for postgraduate stu- dies in Arabic.	1,800
Construction of 120 Men Students Hostel (including Research Scholars).	50,000
Construction of Arts Block Building	1,00,000
Junior Research Fellowship in Humanities including Social Sciences.	1,722.58
purchase of Library books and journals (II).	60,000
Grant-in-aid for development of Scientific Education and research - Construction of Science Block No. V for Agricultural Botany and Zoology Department - IV Plan.	1,00,000
Construction of second block of Teachers Hostel.	65,000
Award of Scholarship for Post-graduate studies in Science and Humanities including Social Sciences to the students of Hill Areas of North East India.	1,800
-do-	1,800
-do-	2,000
-do-	2,000
-do-	2,000
-do-	2,000
-do-	2,000
Summer Institute (Refresher course) for Political Science.	11,000
Un-assigned grant.	53,678
Construction of 2 Readers' and 6 Lecturers Quarters.	10,000

Gauhati Univ. Contd.

	Development of Scientific Education and Research - Purchase of library books and journals for Science department - Fourth Plan Scheme.	15,000
	Award of Scholarship for Post-graduate studies in Science and Humanities including Social Sciences to the students of Hill Areas of North East India.	2,000
	-do-	2,000
	-do-	2,000
	-do-	2,000
	Payment of recurring grant towards salary of staff appointed in various science departments - Fourth Plan development scheme.	2,10,000
<u>Affiliated Colleges</u>		
Rabindra Sadan (Girls College) Karimganj.	Book grants to colleges 1970-71.	1,125
Nowgong College, Nowgong.	Construction of Men's Hostel -	35,000
Tihu College, Tihu.	Grants to college libraries for loan of books to students (Book Bank).	8,000
G.P. Women's College, Imphal.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
Cachar College, Silchar-1.	-do-	3,250
G.P. Women's College Imphal.	Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - 2nd instalment.	1,000
Luding College, Luding.	Students' Aid Fund in the Colleges - 1972-73.	1,750
A.D.P. College, Nowgong.	Financial Assistance to Teachers in the universities & Colleges for undertaking research or learned work in Humanities including Social Sciences/Science - first instalment.	500
St. Edmund's College Shillong.	College Science Improvement Programme -	30,000
-do-	-do-	30,000
Cotton College, Gauhati.	Award of Scholarships for honours studies in Arabic.	1,200
Bongaigaon College, Bongaigaon.	Grants to affiliated colleges for the construction of class rooms.	18,000
-do-	-do- Cycle Shed.	2,000
Barnagar College, Sorbhag.	Construction of Boys Hostel -	40,000
Jawahar Lal Nehru Collg., Boko Kenrup.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Dhans Manjuri College, Imphal.	-do-	5,000
C.C. College, Silchar.	Grants to affiliated colleges for the purchase of Laboratory equipment.	5,000
Karimganj College, Karimganj.	Construction of Library Building and purchase of furniture.	35,000
R.H. College, Howly.	Students Aid Fund in the Colleges - Grant for 1972-73.	1,750
Tozpur College, Tozpur.	Students Welfare Programme.	25,000
B.H. College, Howly	Construction of Men's Hostel -	60,000
Karimganj College, Karimganj.	Financial assistance to Teachers for research/learned work in Science and Humanities including Social Sciences. 2nd instalment.	250

Gauhati Univ. Contd.

Howgang College, Howgang.	Construction of Men's Hostel - release of grant in respect of.	60,000
Bishwanath College, Charli.	Grants to Affiliated colleges during IV Plan - Construction of Women's Hostel.	30,000
Cotton College, Gauhati.	Development of postgraduate studies in science subjects in affiliated colleges - Financial assistance by the UGC during the Fourth Plan period.	50,000
Bongaigaon College, Bongaigaon.	Construction of Non resident students centre.	25,000
Banda College, Gauhati.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
Govt. D.A. College, Imphal.	-do-	350
D.M. College, Imphal	Financial assistance to Teachers for Research Learned work in Science and Humanities including Social Sciences - 2nd instalment.	1,000
L.W.S. Law College, Imphal.	Grant-in-aid for the purchase of law books and journals - Fourth Five Year Plan.	5,000
Chaiduar College, Gohpur. (Assam)	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Science College, Bhima.	Grants to affiliated colleges during IV Plan period purchase of books.	25,000
Cotton College, Gauhati.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - 1st instalment.	500
-do-	-do-	250
		<u>12,15,725.58</u>

B.P. Univ. of
Agriculture & Tech-
nology, Pantnagar.

Junior Research Fellowships in Sciences - Payment of contingency grant.	999.85
-do-	2,262
Writing of University Level Book on "Irrigation Engineering - Practice & Design" under the supervision of Prof. H.S. Misra, Dept. of Civil Engineering.	2,000
Junior Research Fellowships in Sciences - Payment of contingency grant.	1,000
	<u>6,261.80</u>

Coimbatore Univ.

Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - first instalment.	750
-do-	250
-do-	250
-do-	750

Varanasi Univ. Contd.

	Construction of Law Faculty Building.	20,000
	Senior Research Fellowships in Sciences	901.76
	payment of contingency grant.	
	Symposium on "Multidisciplinary approach to the teaching of Zoology at the Univ. level.	7,000
	Summer Institute in Biology for school teachers held during summer 1968 - final instalment.	3,767.80
	Grant-in-aid for the purchase of law books and journals - Fourth Five Year Plan.	15,000
	Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - 2nd instalment.	250
	Senior Research Fellowships in Sciences - Payment of contingency grant.	986.63
	-do-	80
	<u>Affiliated Colleges</u>	
G.L.Binani Degree College, Mirzapore.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
M.L.K. Degree College, Lalrampur.	Grants to college libraries for loan of books to students (Book Bank).	3,000
Udai Pratap College, Varanasi.	Construction of additional teaching accommodation and reading room.	40,000
Maharani Lal Kuniwari Degree College, Lalrampur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
Triloknath Mahavidyalaya, Tanda.	-do-	1,000
S.C. College, Ballia.	Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - 2nd instalment.	250
F.S.S.College, Faizabad	-do-	300
S.C. College, Ballia	-do-	250
-do-	-do-	250
Bisen Degree College, Bahraich.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Udit Narain Degree College, Padmaua.	Grants to Colleges for Laboratory equipment.	1,300
National Degree College, Barhalganj.	Construction of Gymnasium by the University/College under the assistance from University Grants Commission.	15,000
Udai Pratap College, Varanasi.	Grants to Colleges for Laboratory equipment.	12,000
Shiva Degree College, Tehri.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Tilakdhari College, Jaijpur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	5,000
Shivapati Degree College, Shohratgarh.	-do-	1,000
Siddhanti Degree College, Mithwan.	-do-	750
Digvijai Nath Degree College, Gorakhpur.	-do-	1,750
Hindu Degree College, U.P.	-do-	1,000
S.C.College, Ballia.	Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - 2nd instalment	250

Gorakhpur Univ. Contd.

Shri Baldeo Degree College, Baraiganj.	Construction of Library Building.	25,000
Udai Pratap College, Varanasi.	Grants to Colleges for Laboratory equipment	4,000
D.C.S.K. Degree College Manmath. Bhanjan.	Grants to colleges for laboratory equipment	5,000
Penvir Pananjay Degree College, Amethi.	Construction of Non-Residents Students Centre.	10,000
Tilakdhar College, Jaunpur.	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	6,000
T.H. Degree College, Tande.	Construction of Library building.	20,000
Buddha Degree College, Kushinagar.	Students' Aid Fund in the Colleges - grant for 1972-73.	2,750
H.N. Degree College, Amethi.	-do-	1,000
Buddha Vidyapith Degree College, Nagerh.	-do-	750
Smt. Vinoba Degree College, Deoria.	Library facilities.	35,000
Shri. Gandhi Smarak Mahavidyalaya, Badrahi.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Jawaharlal Nehru Smarak Degree College, Baharajganj.	Construction of lecture theatres rooms Stair case and W.C.'s.	60,000
D.C.S.K. Degree College, Manmath Bhanjan.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
National Degree College, Baharajganj.	Construction of Teachers' Hostel (3 flats)	5,000
Tilakdhari College, Jaunpur.	Construction of Men's Hostel and purchase of furniture.	20,000
National Degree College, Baharajganj.	Expansion of Library facilities.	25,000
Sahni National College, Azamgarh.	Construction of class rooms.	12,997
Hindu Degree College, Zaranja.	Grants to Colleges for Laboratory equipment	2,500
Doyanand Degree College, Gorakhpur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
Shree Mooli Manohar Town Degree College, Ballia.	-do-	4,250
Udai Pratap College, Varanasi.	-do-	3,750
Tilakdhari College, Jaunpur.	Grants to colleges for Students' Welfare programme.	6,000
S.C. College, Ballia.	Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - 2nd instalment.	250
Mahatma Gandhi Degree College, Gorakhpur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Nation Sen Degree College, Bahari.	-do-	1,000
Jawaharlal Nehru Smarak Degree College, Baharajganj.	Construction of lecture theatres, teachers rooms, stair case and W.Cs.	50,000

Gorakhpur Univ. Contd.

	Construction of Law Faculty Building.	20,000
	Senior Research Fellowships in Sciences payment of contingency grant.	901.76
	Symposium on "Multidisciplinary approach to the teaching of Zoology at the Univ. level.	7,000
	Summer Institute in Biology for school tea- chers held during summer 1968 - final instal- ment.	3,767.80
	Grant-in-aid for the purchase of law books and journals - Fourth Five Year Plan.	15,000
	Financial Assistance to Teachers for research learned work in Sciences and Humanities including Social Sciences - 2nd instalment.	250
	Senior Research Fellowships in Sciences - Payment of contingency grant.	986.63
	-do-	80
<u>Affiliated Colleges</u>		
G.B.Binani Degree College, Mirzapore.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
M.L.K. Degree College, Balrampur.	Grants to college libraries for loan of books to students (Book Bank).	3,000
Udai Pratap College, Varanasi.	Construction of additional teaching accommo- dation and reading room.	40,000
Maharani Lal Kunwari Degree College, B. Imanpur.	Students' Aid Fund in the Colleges = Grant for 1972-73.	2,750
Triloknath Mchavidya- laya, Tende.	-do-	1,000
S.C. College, Ballia.	Financial Assistance to Teachers for res- earch/learned work in Science and Humanities including Social Sciences - 2nd instalment.	250
K.S.S.College, Faizabad	-do-	300
S.C. College, Ballia	-do-	250
-do-	-do-	250
Kisan Degree College, Bahraich.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Udit Narain Degree College, Padrauna.	Grants to Colleges for laboratory equipment.	1,300
National Degree College, Barhalgang.	Construction of Gymnasium by the University/ College under the assistance from University Grants Commission.	15,000
Udai Pratap College, Varanasi.	Grants to Colleges for Laboratory equipment.	12,000
Shiv. Degree College Tehri.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Tilakdhari College, Jaiunpur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	5,000
Shivapati Degree College, Shohratgarh.	-do-	1,000
Sekhari Degree College, Mihrawan.	-do-	750
Digvijai Nath Degree College, Gorakhpur.	-do-	1,750
Hindu Degree College, U.P.	-do-	1,000
S.C.College, Ballia.	Financial Assistance to Teachers for research/ learned work in Science and Humanities in- cluding Social Sciences - 2nd instalment	250

Government Units - Contd.

Affiliated Colleges

Municipal Arts and Commerce College, Mahsana.	Grants to college libraries for loan of books to students - Book Bank.	3,250
H.C.Bediwala Commerce College, Ahmedabad.	Grants to college libraries for loan of books to students - Book Bank.	3,250
J&J College of Science, Nadiad.	Grants to college libraries for loan of books to students - Book Bank.	3,000
Sheth K.M.School of Post-Graduate Medicine & Research, Ahmedabad.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Shree Natvarsinhji Arts & Science College, Chosta Udepur.	-do-	1,000
Shree Lunawada Arts & Science College, Lunawada.	-do-	1,750
Prakash College of Education, Ahmedabad.	Grants to Teachers Training College during the Fourth Plan period-Special grant for equipment and audio-visual aids.	5,000
Shri B.D.Shah College of Education, Madasa C.A.Arts & B.D. Commerce College, Kadi	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Vivekanand College of Education, Ahmedabad.	-do-	1,000
Vivekanand College of Education, Ahmedabad.	Development of Teachers Training Programme in Teachers Training College during the Fourth Plan period.	99,540
M.C.Bediwala Commerce College, Ahmedabad.	Students Welfare Programme.	2,500
General Science and Law College, Road No. 1, Gandhinagar, Ahmedabad.	Students Welfare Programme.	2,500
Jamas Shah College of Education, Madasa.	Grants to Teachers Training college during Fourth Plan period-Special grants for books and Journals.	8,000
Vivekanand & Co. of Education, Ahmedabad.	Special Grant for Books & Journals-Grants to Teachers Training College during the Fourth Plan period -1972-73.	8,000
Devrajend Arts College, Ahmedabad	Grants to Affiliated Colleges during IV Plan - Construction of a Women's Hostel.	70,000
Shrinati Shantaban Hospital Banchal Science College, Talas.	Grants to colleges for Students' Welfare programme.	2,500
Telmi College of Arts and Science, Minur.	Grants to Affiliated Colleges during IV Plan - Construction of Teachers' Hostel	5,000
Shri B.D.Shah & Shrinikrishna O.M.Arts College & Shri H.S. Shah College of Commerce, Madasa.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
Arts College, Samdhoda.	-do-	750
Archibhai Thakkar Arts and Science College, Kadi.	Students Welfare Programme (1969-70)	2,000
Sheth L.V.Science College, Anasa.	-do-	1,000

Shree B.P.Fraimbhatt Arts & M.M.Guru Commerce College, Unjha.	Students' Aid Fund in the College - Grant for 1972-73.	1,000
Saroo H.K.Commerce College, Ahmedabad.9	-do-	1,000
Patel J.B.Patelwala Arts College & Patel A.M. Patelwala Commerce College, Darsad.	-do-	1,000
H.L.College of Commerce Elis Bridge, Ahmedabad.6.	Grants to college libraries for loan of books to students - Book Bank.	4,750
Gujarat College of Vet- erinary Science & Animal Husbandry, Anand City Commerce College, Ahmedabad.1.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Navajarat Commerce College, Ahmedabad.13.	-do-	3,750
H.J. Medical College, Ahmedabad.16.	Development of Postgraduate studies in the Humanities and Social Sciences.	5,000
Sat. S.M.Banchal Science College, Talod J.S. College of Science Medial.	XII Annual Conference of the Indian Association for the Advancement of Medical Education	15,000
Bhevan's Arts and Science College, Datar St. Xavier's College, Ahmedabad.	Construction of library building -	60,000
Shah K.S.Arts College & V.M.Pandkh Commerce College, Kapatwanj.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - first instalment of grant.	250
Smt. M.D.Shah Arts College and Smt. V.D. Shah Commerce College, Mirkha.	-do-	250
S.C.N.P.Arts College & Babhai, Narsarpalike Science College, Babhai.	-do-	250
Harjovandas Lakshminand College and Commerce, Navrangpura-Ahmedabad.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
G.B.Patel Arts College, Medial.	Grants to affiliated colleges during IV Plan - Purchase of Library Books and Journals.	2,000
J.S. College of Science Medial.	Grants to college libraries for loan of books to students (Book Bank).	3,850
Shri C.N.Patel Forti- Kul-Wala Arts College and Babhai Narsarpalike Science College, Babhai.	Students Welfare Programme.	6,000
Shri A.P.College of Science, Khatpur.	Grants to affiliated colleges during IV Plan - Construction of Non-resident students centres.	10,000
Shri S.K.Shah & Shri- Kishna O.M.Arts College and H.S.Shah College of Commerce, Bodasa.	For Laboratory Equipment.	14,300
	-do-	8,000
	-do-	5,000
	Grants to college libraries for loan of books to students (Book Bank).	3,250

Gujarat Univ. Contd.

B.S.Arts & Shri K.S. Shah Commerce College, Loyaadbaria.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
C.S.Thagat & C.S. Sanawala Law College, Vallid.	Grant-in-aid for the purchase of books and journals for the development of teaching and research in Law Fourth Five Year Plan.	3,000
New Gujarat Law College, Ahmedabad-13.	Grant-in-aid for the purchase of books and journals for the development of teaching and research in Law- Fourth Five Year Plan.	3,000
Sir L.L. Shah Law College, Ahmedabad.	Grant-in-aid for the purchase of books and journals for the development of teaching and research in Law - Fourth Five Year Plan	10,000
College of Education, Tabbli.	Grants to Teachers Training College during the Fourth Plan period - Special grants for books and journals.	5,000
Sri S.K. Shah & Shri Krishna O.H. Arts College, and Shri H.S. Shih College of Commerce, Madasa.	Construction of Principal's Quarter.	10,000
St. Xavier's College, Ahmedabad-9.	College Science Improvement Programme- S Lecter Colleges Project Grant-in-aid.	60,000
Sri. D.G.J. Science College, Gambia.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Convent's Arts & Science College, Tekampur. (H.Gujarat)	Grants to affiliated colleges for Clerk Boards.	1,000
G.V. Arts & Commerce College, Gandhinagar.	Students' Aid Fund in the College - Grant for 1972-73.	1,000
Govt. Science College, Gandhinagar.	Book grant to affiliated colleges for the Year 1970-71.	1,125
H.S. Shrivastava C.S. Sanawala Law College, Vallid.		1,125
Sir P.P. Science College, Madasa.	Grants to college libraries for loan of books to students (Book Bank).	3,250
Govt. Science College, Gandhinagar.	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	6,000
South Vid. Arts & Talod Schoolri Mandali Commerce College, Talod.	Grants to college libraries for loan of books to students (Book Bank).	8,000
Gujarat College, Ahmedabad.		12,000
St. Xavier's College, Gandhinagar-9.	Financial Assistance to Teachers for research/Examed work in Science and Humanities including Social Sciences - Payment of Second instalment of grant.	125
Sir I.L. Science College, Madasa.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Prakash College of Education, Ahmedabad-7.		750
Sir L.L. Shah Law College, Ahmedabad.		2,250
ISI College of Science, Madasa.	Grants to affiliated colleges during IV Plan - Construction of Women's Hostel.	50,000
Vivekanand College of Arts, Ahmedabad.		60,000

Gujarat Univ. Contd.

Shri S.N.Shah & Shrikrishna O.M.Arts College and Shri H.S. Shah College of Commerce, Vadasa. (Gujarat)	Grants to Affiliated Colleges during IV Plan - Construction of a Non-Resident Students Centre.	10,000
Secondary Teachers Training College, Ahmedabad.	Grants to Teachers Training College during the Fourth Plan period-Special grants for equipment and audio visual aids.	3,000
College of Education, Kundra, Kutch.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
M.C.Mehta College of Commerce, Ahmedabad.	-do-	3,750
Shri T.S.J.College of Education, Cambay.(Gujarat)	Special Grant for Books & Journals- Grants to Teacher's Training Colleges during the Fourth Plan period -1972-73.	12,000
Navjivan Arts and Commerce College, Bhar. (Gujarat)	Grants to affiliated colleges during IV Plan - Construction of Additional accommodation.	10,000
Navjivan Arts and Commerce College, Bhar.	-do- Construction of Cycle Shed.	7,000
Prabhudas Thakkar College of Arts and Science, Palodi.	Purchase of Semi Micro Analysis equipment.	5,000
Kalol Municipal Arts and Science College, Kalol.	-do-	5,000
Shri T.V.Patel College of Commerce, Haliad.	Construction of Additional Teaching accommodation.	10,000
Shri T.V.Patel College of Commerce, Haliad.	Construction of Cycle Shed.	5,000
Dharkash College of Education, Ahmedabad.	Special Grant for Books & Journals & Grants to Teacher's Training Colleges during the Fourth Plan period -1972-73.	8,000
A.C.Teachers College, Ahmedabad.	-do-	8,000
Sebamati Arts & Commerce College, Sebamati.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Kalol Municipal Arts & Science College, Kalol.	-do-	1,750
Saraspur Arts & Commerce College, Ahmedabad.	-do-	2,250
Secondary Teachers' Training College, Kaira.	Special Grant for Books & Journals - Grant to Teacher's Training Colleges during the Fourth Plan period 1972-73.	12,000
Shah C.K.Municipal Commerce College, Kalol.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
M.J. College, Ahmedabad.	Financial Assistance to Teachers for research/Learned work in Science and Humanities including Social Sciences - Payments of Second instalment of grant.	500

10,48,804

36. Guru Nanak University

Junior Research Fellowship in Science and Humanities - Allocation of funds during 1972-73.	7,500
Construction of Guest House	90,000
Assistant for setting up of Employment Information cum-Advisory Bureau in Universities.	13,950

Guru Nanak Univ. Contd.

Fourth Plan Development Schemes - Purchase of Equipment for Humanities and Social Sciences departments.	25,000
Grant-in-aid for the construction of Biology Block - 4th Five Year Plan.	1,00,000
Appointment of additional staff in Science department 4th Plan development schemes.	1,50,000
Purchase of Library Books - 4th Plan development schemes.	2,40,000
Grant-in-aid for the construction of Physics department building 4th Plan development scheme	1,00,000
Grant-in-aid for the development of Scientific Education and Research - Purchase of Equipment for Science departments - 4th Plan period.	4,00,000

Affiliated Colleges

Baring Union Christian College, Batala.	Construction of Physics Laboratories and Mathematics lecture rooms - under the IVth Plan ceiling of Rs.5 lakhs.	1,00,000
D.A.V. College for Women, Amritsar.	Grants to colleges for loan of books to students (Book Bank).	3,000
D.A.V. College, Jullundur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	5,000
Khalsa College of Education, Amritsar	Grants to Teachers Training college during Fourth Plan period - Special grants for books and journals.	5,000
Montgomery J.N. College of Education Jullundur.	Special Grant for Books & Journals - Grants to Teachers Training Colleges during the Fourth Plan Period - 1972-73.	8,000
D.A.V. College of Education for Women Amritsar.	-do-	8,000
Guru Nanak College of Education for Women, Kapurthala.	-do-	8,000
Rangarhia College of Education Phagwara.	-do-	8,000
Dayanand Anar Nath College of Education, Jullundur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Khalsa College, Amritsar.	Development of Post-graduate Studies in the Humanities and Social Sciences.	5,000
D.A.V. College, Amritsar.	Grants to college libraries for loan of books to students - Book Bank.	5,500
D.K. Arya College, Nawanshahr.	Purchase of Semi-Micro analysis equipment.	4,989.57
Khalsa College of Education, Amritsar.	Financial Assistance to Teachers for research work in Humanities including Social Sciences Second instalment.	250
Punjab University Evening College, Jullundur.	Grants to college libraries for loan of books to students - Book Bank.	8,000
Khalsa College, Amritsar.	-do-	17,000
Govt. Training College, Jullundur.	Special Grant for Books & Journals - Grants to Teacher's Training Colleges during the Fourth Plan period 1972-73.	12,000
Guru Nanak Prent Karansar College, Nadala.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000

Guru Nanak Univ. Contd.

Govt. College for Women,, Amritsar.	Students' Aid Fund in the Colleges - Grants for 1972-73.	3,250
Guru Nanak College of Education for Women, Kapurthala.	-do-	750
Khalsa College of Education, Amritsar.	-do-	750
Guru Teg Bahadur College, Sathiala.	-do-	1,000
Doaba College, Jullundur.	Construction of Tube Well & Water Tank.	3,000
		<hr/> 13,33,780 <hr/>

27. Haryana Agricultural
University.

Financial assistance to teachers in the universities and colleges for under- taking research or learned work in Sciences - Payment of 1st instalment.	500
-do-	250
-do-	500

Affiliated Colleges

College of Veterinary Medicine, Hissar.	Grants to colleges for Students Welfare Programme.	2,472
-do-	Junior Research Fellowships in Science Payment of contingency grant.	565
College of Basic Science & Humanities, Hissar.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	500
College of Veterinary Medicine, Hissar.	-do-	250
-do-	-do-	250
		<hr/> 5,288 <hr/>

28. Himachal Pradesh Univ.

Higher Education & Research Development Schemes for the 4th Plan period - for purchase of Books and Journals.	1,00,000
-do-	2,25,000
Construction of 40 staff quarters for teachers.	50,000
Purchase of departmental library books and journals (H).	80,000

Affiliated Colleges

Govt. College, Dharamsala, Kangra.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750
R.P.C.S.D. Dhargava College, Simla.	Construction of Library Building.	6,666
Government College, Kulu. (HP).	Book Grants to Colleges 1970-72 release of Balance grant.	1,125
Govt. College, Bahan.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750

29. Indore University

Scheme of Visiting Studentships for 1972-73	3,000
Appointment of Deans of Students Welfare.	1,000
Payment of recurring grant for part-time postgraduate Diploma Course in Business Management.	22,500
Construction of Library Building -	1,50,000
Construction of Science Block - Payment of grant for the IV Plan Scheme.	80,000
Extension of Science block - Building for the Department of Life Sciences.	80,000
Grants to Edu. Department of the University during the Fourth Plan period-Special grants for books and journals.	5,000
Summer Institute in Physics for college teachers during 1972 - 2nd and final instalment	15,560.22
Setting up of Development Panels - Creation of Post of the Development Officer.	7,000
Three year part-time postgraduate diploma course in business management - Recurring grant of the construction of building.	40,000

Affiliated Colleges

P.M.B.Gujarati Arts Commerce & Law College, Sanyogitaganj, Indore.	Students' Aid Fund in the Colleges - Grant for 1972-73.	5,000
-do-	-do-	2,750
Holkar Science College Indore.	Financial Assistance to Teachers for Research/Learned work in Science and Humanities including Social Science - 2nd instalment.	500
Govt. College, Mhow.	Travel Grant to Dr. D.S.-Joshi for participating in International Symposium on Thermal Expansion held at Corning, New York on 27th October to 29th Oct., 1971.	5,359
Kasturbagram Rural Institute, Kasturbagram.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
College of Barsing, Indore.	Students Welfare Programme.	2,000
Shri G.S.Institute of Technology & Science, Indore.	Financial Assistance to Teachers for research learned work in Sciences and Humanities including Social Sciences 2nd instalment.	750
Holkar Science College, Indore.	-do-	375
Govt. Arts & Commerce College, Indore.	Junior Research Fellowships in Sciences Payment of fellowship-honorarium and contingency grant.	3,100
Govt. New Girls Degree College, Indore.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Govt. New Girls Degree College, Indore.	Purchase of Equipment, Books & furniture for Psychology & Home Science department.	25,000
Government College, Mhow.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - first instalment of grant.	250

4,52,144.22

30. Jabalpur University

	Financial assistance to teachers in the universities and colleges for undertaking research/learned work in Sciences - 1st instalment	375
	Grant-in-aid for the payment of Salaries of staff for Central Workshop during IV Plan.	14,000
	Assistance for the purchase of Water Cooler	3,994
<u>Affiliated Colleges</u>		
College of Educational Psychology and guidance, Jabalpur.	Special Grant for Books & Journals - Grants to Teachers Training Colleges during the Fourth Plan period 1972-73.	12,000
Navyug Arts & Commerce College, Jabalpur.	Grants to college libraries for loan of books to students (Book Bank)	3,250
Govt. Science College, Jabalpur.	Financial Assistance to Teachers for Research Learned work in Science and Humanities including Social Sciences - 2nd instalment.	250
Hitkarini Mahavidyalaya, Jabalpur.	Students Welfare Programme.	4,000
-do-	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,250
Govt. College of Education, Jabalpur.	Utilization of services of retired teachers payment of fellowship/honorarium & contingency grant.	3,360
St. Aloysius's College, Jabalpur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
New Education Society Law College, Jabalpur.	Grant-in-aid for the purchase of books and Journals for the development of teaching and research in law - Fourth Five Year plan.	5,000
		51,234

31. Jadavpur University

	Senior Research Fellowships in Humanities including Social Sciences - Payment of fellowship and contingency grant.	3,934
	'on account' grant of Rs. 3950/- towards the salaries of Mr. Grigorescu, Romanian Scholar	3,950
	Proposed Construction of Girls Students Hostel Fourth Plan Scheme - Payment of grant.	50,000
	Utilization of Services of Retired Teachers -	1,500
	Grant-in-aid for Extension to High Tension Laboratory for Electrical Engg. Deptt. Fourth Five Year Plan.	50,000
	Annual Conference of Association of Mathematics Teachers of India.	3,000
	Writing of University Level Book on "Industrial Minerals and Rocks of India" under the supervision of Dr. S. Deb.	4,000
	Grant-in-aid for the extension of food technology department - 4th Five Year Plan.	30,000
	Books - Area Studies Pakistan-4th Plan.	3,500
	Writing of University Level Book on "On Understanding the Contemporary Student in West Bengal" by Shri Tapan Chatterjee.	4,000
		1,53,884

32. Jammu University

Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - first instalment.	500
-do-	250
Purchase of scientific equipment - Payment of grant within the overall 4th Plan period ending 1973-74.	80,000
Payment of Recurring grant for the teachers of various Science departments - 4th Plan Schemes.	50,000
Summer Institute in Chemistry for college teachers during 1972 - final instalment.	367.22

Affiliated Colleges

Govt. Degree College Students Welfare Programme. Kathua.	3,000
Govt. Degree College Grants to college libraries for loan of books to students - Book Bank. Poonch.	8,000
Govt. College for Women, Gandhinagar. Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Govt. Degree College, Udhampur. Financial assistance to teachers in the Universities and colleges for undertaking research or learned work in Sciences - 1st instalment.	500
	<hr/>
	<u>1,43,617.22</u>

33. Jawaharlal Nehru University. New Delhi.

Central Universities - Maintenance Grant for 1972-73 -	10,00,000
-do- for the School of International Studies of the Jawaharlal Nehru Univ. - Payment of.	2,76,450
-do- for the Centre of Russian Studies of the Jawaharlal Nehru Univ. - Payment of.	,10,050
Purchase of equipment etc. required for the setting up of the School of Social Sciences and Foreign Languages.	70,000
-do-	21,080
Additions and alterations to the buildings in the Campus of the National Academy of Administration Complex.	50,000
Senior Research Fellowships in Sciences.	4,903.23
	<hr/>
	<u>14,22,433.23</u>

34. Jawaharlal Nehru Krishi Vishwavidyalaya.

Affiliated Colleges

College of Veterinary Science & Animal Husbandry, Jabalpur.	Expenditure incurred on the State Visit of Prof. A.C. Prokopov of Bulgaria under Indo-Bulgarian Cultural Exchange Programme '71-73.	254.85
College of Agriculture, Gwalior.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
		<hr/>
		<u>1,004.85</u>

35. Jiwaji Univ.

Affiliated Colleges

Ambah Post-graduate College, Morena.	Grants to college libraries for loan of books to students (Book Bank).	3,250
Ambah Post-Graduate College, Ambah.	Book Grant 1970-72.	1,375
-do-	Purchase of Laboratory Equipment & furniture	2,262
-do-	Purchase of Laboratory Equipment.	4,000
Ambah P.G. College Ambah.	Students Welfare Programme.	4,000
P.C. College, Ambah.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - first instalment.	250
Govt. Science College, Gwalior.	-do-	250
Govt. College of Education, Birlanagar Gwalior.	Special Grant for Books & Journals--Grants to Teacher's Training Colleges during the Fourth Plan period 1972-73.	12,000
Govt. College, Shivpuri.	Students' Aid Fund in the Colleges Grant for 1972-73.	2,750
P.G.Vigyan Mahavidyalaya, Lashkar.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
Govt. Degree College Morar.	-do-	1,000
Kamla Raja Girls College, Gwalior.	Financial Assistance to Teachers for Research/	250
-do-	Purchase of Library Books.	20,000
		<hr/> 54,11

36. Jodhpur University

Writing of University Level Books/Monographs	2,821
Grants for the support of research in universities - Fourth Plan period.	25,000
Junior Research Fellowship - Release of grant for the year 1971-72.	2,981
Unassigned grant 1972-73	15,000
Payment of second instalment of grant under junior Research Fellowship scheme during 1972-73.	37,500
Setting up of Developments Panels - Creation of post of the Development Officer.	13,000
IV Plan Development Schemes(H) - Salary of Staff appointed in Central Library.	20,000
IV Plan Development Schemes in Humanities and Social Sciences - Salary of additional Staff.	1,30,000
Grant-in-aid for the development of Scientific Education and Research - Payment of salaries to 4th Plan additional staff.	5,000
Cultural Exchange Programme between India and Czechoslovakia for the year 1970-72.	51
Award of Scholarships for postgraduate studies in Sanskrit.	1,81
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - 1st instalment.	31
-do-	21
-do-	21

37. Kalyani University

Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - 1st instalment.	250
Junior Research Fellowships in Sciences - payment of fellowship - honorarium and contingency grant.	2,810
	3,060

38. Kanpur University

Writing of University Level Books/Monographs "Retinal Detachment & Its Modern treatment" and "Visual Field" under the supervision of Dr. J.M. Pghwa.	4,233
All India Post-graduate course in Surgery at the 32nd Annual Conference of Association of Surgeons of India to be held on 27th to 30th December, 1972.	3,000

Affiliated Colleges

Durga Narain Degree College, Fatehgarh.	Grants to colleges for Laboratory equipment	1,300
A.N.D. Mahapalika Mahila Mahavidyalaya, Harsh Nagar, Kanpur.	Development of Post-graduate Studies in the Humanities and Social Sciences.	15,000
Dayanand College of Law, Kanpur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,250
Capri Degree College, Hardoi.	Construction of Class rooms.	25,000
Christ Church College Kanpur.	Development of Post-graduate Studies in the Humanities and Social Sciences.	5,000
V.S.M.College of Science, Bharwari.	Financial Assistance to Teachers for Research/ Learned work in Science and Humanities including Social Sciences - Second instalment.	250
D.N.Degree College, Fatehgarh.	Grants to college libraries for loan of books to students (Book Bank).	8,000
Kulbhakar Ashran Degree College, Allahabad.	Extension of Laboratories and Lecture theatres	50,000
Pandit Jawaharlal Nehru College, Bonda	Expansion of Science Education.	34,827
Hindu Kanya Mahavidyalaya, Sitapur.	Construction of Library building including furniture.	40,000
P.P.N. College, Kanpur.	Development of postgraduate studies in science subjects in affiliated colleges - Financial assistance by the University Grants Commission during the Fourth Plan period.	43,000
D.M.Degree College, Fatehgarh.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
Atarra Degree College, Atarra.	Grants to colleges for laboratory equipment.	5,000
Halin Muslim Degree College, Kanpur.	Construction of Class rooms.	20,000
D.A.V.College, Kanpur.	Travel grant to Dr. Raj Kumar Nigan, Deptt. of Geography, D.A.V.College, Kanpur for attending International Geographical congress.	2,500
V.S.S.D.College, Kanpur.	Financial assistance to Teachers for research/ learned work in Sciences - 2nd instalment.	350

Kanpur Univ. Contd.

Janta Colloge, Bakewar. (Etawah)	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
P.P.H. Colloge, Kanpur.	Extension of Laboratory Building and purchase of Laboratory equipment.	47,000
Christ Church Colloge, Kanpur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750
Bundel Khand Colloge Jhansi.	Construction of Residential Flats for Teachers	25,000
Bundel Khand Colloge Jhansi.	Construction of Additional Class-rooms.	25,000
Mahila Mahavidyalaya Kidwai Nagar, Kanpur.	Grants to affiliated colleges for chalk boards	1,000
R.P.Degree Colloge Kamalganj.	-do-	700
Christ Church Colloge, Kanpur.	Development of Post-graduate Studies in the Humanities and Social Sciences.	30,000
Mahila Mahavidyalaya, Kanpur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Jawaharlal Nehru Memorial Degree Colloge, Barabanki.	-do-	1,000
B.N.V.Degree Colloge Rath.	Book grant to affiliated Govt. Colleges for the year 1970-72.	3,375
Y.D.Colloge, Lakhimpur Khari.	Construction of Class rooms.	10,000
D.A.V.Colloge, Kanpur	Junior Research Fellowships in Sciences.	2,870
Yuvraj Datta P.G. Colloge, Lakhimpur.	Financial assistance to teachers in the universities and colleges for undertaking res- earch or learned work in Sciences - first instalment.	250
Harcourt Butler Tech- nological Institute Kanpur-2.	Organisation of the Conference entitled "All India Conference in System Engg."	5,000
Tilak Degree Colloge, Auraiya.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
-do-	Construction of Library Building-purchase of books and library furniture.	60,000
Dayanand Women's Training Colloge, Kanpur.	Special Grant for Books & Journals - Grants to Teacher's Training Colleges during the Fourth Plan period 1972-73.	12,000
Gandhi Mahavidyalaya, Orai.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
Pt. Jawaharlal Nehru Degree Colloge, Banda	Students' Aid Fund in the Colleges.	3,250
Christ Church Colloge Kanpur.	Grants to affiliated colleges for Chalkboards	1,000

n.t.o.

Kanpur Univ. Contd.

Acharya Narendra Deva Mahapalika Mahila Mahavidyalaya, Harshnagar, Kanpur. P.P.N. College, Kanpur.	College Science Improvement Programme - Selected Colleges- Project-grant-in-aid.	30,000
	Development of Post-graduate Studies in the Humanities and Social Sciences.	10,000
H.B.T. Institute, Kanpur.	Financial assistance to teachers and colleges for undertaking research or learned work in Chemical Engineering - Payment of first instalment.	250
V.S.S.D. College, Kanpur.	Senior Research Fellowships in Sciences - Payment of fellowship honorary and contingency grant.	5,154
		<hr/>
		5,45,059.97

9. Kashmir University.

	Gulmarg Research Observatory - Payment of Recurring Grant.	1,00,000
	Scheme of Visiting Studentships for 1972-73.	5,000
	Construction of Library Building - sanction of grant for.	3,00,000
	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
	<u>Affiliated Colleges</u>	
Government College, Baramulla.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
S.P.College, Srinagar.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - first instalment.	250
Sri Pratap College, Srinagar.	Construction of Chemistry Laboratory Building.	50,000

4,55,750

40. KARNATAK UNIVERSITY

Postgraduate Centre at Gulbarga - Allocation of grant for purchase of Library Books and Journals for the period ending 1973-74.

Senior/Junior Research Fellowships in Science/Humanities including Social Sciences/Research Fellowships in Engineering and Technology/Utilization of services of retired teachers-payment of contingency grant.

Utilization of services of retired teachers-payment of contingency grant.

Studentship for applied Geology course for their examination period

Conference of Librarians under the jurisdiction of Karnatak University.

Seminar on employment potential for educated youngmen in the Vijayanagar Steel Project at Torangal.

Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Humanities including Social Sciences/Science - Payment of first instalment of grant.

-do-

-do-

AFFILIATED COLLEGES

S.S. Society's Shivaji College of Arts, Basel, Karwar (N.K)	Students Aid Fund in the Colleges - Grant for 1972-73
B.L.D.E. Association New Arts College, Sujapur (Mysore State)	-do-
Govindram Seksaria Science College, Belgaum (Mysore State)	-do-
V.M.S.R. Vastrad Arts & Science College, Hungund (Mysore State)	-do-
University College of Law, Dharwar-1 (Mysore State)	-do-
Kotturawam College of Education, Bellary (S.K)	Special grant for Books & Journals - Grant to Teachers Training Colleges during the Fourth Plan period - 1972-73
B.R.B. College of Commerce, Baichur	Basic grant to colleges for the purchase of Library Books
Bankatlal Rajaram Bood College of Commerce, Raichur	Grants to colleges librarians for loan of books to students (Book Bank)
B.R.B. College of Commerce, Bood, Baichur (Mysore)	Grants to affiliated/Govt. colleges for the Year 1970-72.

Karnatak University Contd.

Vijayanagar College, Hospet.	Purchase of Books & Journals, Laboratory equipment and furniture.	41,667
Raja Lakhamagouda Science Institute, Belgaum,	College Science Improvement Programme - Selected Colleges Project - Grant-in-aid.	50,000
-do-	-do-	50,000
Shri Anandianeshwar College	Grants to colleges for Laboratory Equipment	5,000
S.B.College of Science, Gulbarga (Mysore State)	College Science Improvement Programme - Selected Colleges Project Grant-in-aid.	60,000
Basaveshwar Engineering College, Bagalkot (Mysore State)	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
S.S.Khuba's Basaveshwar College of Arts & Science, Basavakalyam (Dist,Bidar).	-do-	1,000
Smt.V.G. College of Art's & Science for Women, Gulbarga-2.	Construction of Women's Hostel	50,000
Lingaraj College, Belgaum (Mysore)	Construction of Men's Hostel	5,783
J.S.S. Banashankari Art's College, Dharwar	Book Grant to Colleges 1970-71	1,375
J.T. College, Gadag (Mysore)	Construction of Library and Laboratory building;	25,000
B.V.B. College, Bidar(Mysore State)	Students' Aid Fund in the Colleges - Grant for 1972-73	2,750
Municipal Arts College, Nargund - Dt.Dharwar.	-do-	750
Gokhale Centenary College, Ankola	-do-	2,250
S.B. Arts College, Bijapur.	-do-	3,750
K.L. Society's Gogte College of Commerce, Belgaum.	Construction of Library Building - under the scheme of Rs. 3 lakhs during IVth Plan period.	50,000
Dr.A.V. Balign College of Arts & Science, Ramata: N. Kanra (Mysore).	Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant	500
K.L. Society's Gogte College of Commerce, Belgaum (Mysore State)	Grants to college libraries for loan of books to students - Book Bank.	3,000
B.L.D.E. Association Arts & Science College, Jamkhandi - Dt.Bijapur (Mysore State)	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
S.D.V.S. Sangh's S.S. Arts College and T.P. Science Institute, Sankeshwar, Dist. Belgaum.	Grants to college libraries for loan of books to students - Book Bank.	8,000
Veerasaiva College, Bellary.	-do-	3,000
M.S.I. Institute of Science, Gulbarga (Mysore)	Grants to colleges for laboratory equipment.	4,000

Karnatak University Contd.

J.C. College of Commerce, Hubli (Mysore)	Release of balance equipment grant.	1,020
B.V.B. College of Art's & Sciences, Bidar (Mysore).	Grants to colleges for laboratory equipment.	5,000
R.T.E.S's Arts & Science College, Ranebennur (Mysore State).	Students' Aid Fund in the colleges - Grant for 1972-73.	1,750
S.B. College of Science, Gulbarga (Mysore State)	College Science Improvement Programme - Selected College Project Grant-in-aid.	60,000
Rani Parvati Devi College, Belgaum (Mysore State)	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Christ Church College, Kannur.	College Science Improvement Programme - Selected Colleges Project - Grant-in-aid.	60,000
Vijayanagar College, Hospet (Dt. Bellary)	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,250
K.W.T.'s Rivekar College of Commerce, Karwar (N. Kanara) Mysore.	Book Grant 1970-72.	1,125
Veerasaiva College, Bellary (Mysore).	Construction of Laboratory Building	40,000
		6,09,750

141. KANNIYA UNIVERSITY

Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	37
Summer Institute in Biology for college teachers during 1972 - Sanction of 2nd instalment - grant for.	8,42
Junior Research Fellowships in Humanities including Social Sciences/ payment of fellowship and contingency grant.	2,27
Setting up of Development Panels - Creation of Post of the Development Officer.	8.00
Grant-in-aid for the development of Scientific Education and Research - Payment of grant for purchase of books and journals for Science departments under the Fourth Plan Development schemes.	20,00
Nair Dialect Survey Project under the Department of Linguistics - IV Five Year Plan period.	4,80
Un-assigned grant 1971-72.	21,2

AFFILIATED COLLEGES

St. Thomas Training College, Palai (Kerala).	Special Grant for Books & Journals - Grants to Teacher's Training Colleges during the Fourth Plan period - 1972-73.	8.0
St. Joseph's Training College, Harnanam (Kerala).	-do-	8.0

Kerala University contd.

Sree Narayana College, Trivandrum, (Kerala)	Special Grant for Books & Journals -- Grants to Teachers Training Colleges during the Fourth Plan period - 1972-73.	8,000
Shree Naryana Mangalam Training College, Moothakunnam (Kerala).	-do-	8,000
Peet Memorial Training College, Mavelikara (Kerala)	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Mount Carmel Training College, Kottayam (Kerala).	Special grant for Books & Journals - Grants to Teachers Training Colleges during the Fourth Plan period - 1972-73.	8,000
Assumption College, Changanacherry (Kerala), Newman College, Thodupusha East (Kerala)	Purchase of Library Books Equipment and Laboratory Furniture - Assistance Towards. Construction of Library Building - Assistance towards.	20,000 1,00,000
Catholicate College, Pathanamthitta, Kerala State.	Grants to college libraries for loan of books to students (Book Bank)	50,000
Union Christian College, Alway.	College Science Improvement Programme - Selected Colleges Project - Grant-in-aid.	80,000
Mount Carmel Training College, Kottayam, Kerala.	Grants to teachers training college during Fourth Plan period - Special grants for books and journals.	20,000
Assumption College, Changanacherry (Kerala)	Students' Aid Fund in the Colleges - Grant for 1972-73.	4,250
St. Teresa's College, Ernakulam (Kerala).	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	6,000
S.N. College, Quilon-1.	Financial Assistance to Teachers for Research/Learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant.	500
F. Mata National College, Quilon.	-do-	750
Mar Thoma College, Tiruvalla-3 (Kerala)	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750
Deva Matha College, Kuravilangad (Kerala)	-do-	3,750
Vimala College, Trichur-9.	Establishment of Health Centre.	10,000
St. Berchmen's College, Changanacherry (Kerala).	Construction of Library Building - Assistance towards.	60,000
St. Berchmen's College, Changanacherry (Kerala).	Construction of Residential Flats for Teachers.	1,10,000
Mar Thoma College, Tiruvalla-3. (Kerala)	Construction of Laboratory Building - Assistance towards.	30,000
Milad-e-Sherief Memo- rial College, Kayankulam (Kerala)	Students's Aid Fund in the Colleges - Grant for 1972-73.	3,750
Union Christian College, Alway-2 (Kerala).	-do-	3,250
Mar Savanious College, Trivandrum.	Development of Post-graduate studies in the Humanities and Social Sciences.	301.5
Mar Ivanious College, Trivandrum (Kerala)	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	6,000

Kerala University Contd.

N.S.S. College, Nilamel, Kettarakara, (Kerala)	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
College for Women, Trivandrum (Kerala).	-do-	4,250
Catholicate College, Fathanamthitta (Kerala, State).	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	6,000
All Saints' College, Trivandrum - Kerala State.	Grants to college libraries for loan of off books to students - Book Bank.	4,750
University College for Women, Trivandrum - Kerala.	-do-	5,500
Regional College of Education, Bhubaneshwar.	Basic grant for the purchase of equipment and Audio Visual Aids to the Teachers Training Colleges during the Fourth Plan period.	10,000
Bishop Moore College, Mavelikara (Kerala).	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750
M.S.S. College, Pandalam (Kerala).	-do-	3,000
St. Thomas Training College, Palai (Kerala).	-do-	750
Sree Narayana Training College, Nedunganda (Kerala).	-do-	750
St. Xavier's College for Women, Always-1 (Kerala).	Construction of a Women's Hostel.	50,000
St. Alberts College, Ernakulam, Cochin-18.	Book grant to affiliated colleges for the year 1970-71.	3,100
Govt. Sanskrit College, Tripunithurs, Kerala.	-do-	1,100
Govt. Training College, Trivandrum (Kerala)	Grant to Teachers Training College during the Fourth Plan period - Special grants for equipment and audio visual aids.	10,000
Govt. Arts College, Trivandrum,	Grants to college libraries for loan of books to students (Book Bank).	14,000
Bishop Chulaparambill Memorial College, Kottayam,	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,000
St. Xavier's College for Women, Always-1 (Kerala).	-do-	3,000
Home Science College, Assemaly, Kerala.	Assistance towards purchase of laboratory equipment.	1,000
Catholicate College, Fathanamthitta, Kerala.	Grants to colleges for Laboratory Equipment.	12,000
St. Joseph's College for Women, Allepsy, (Kerala).	Construction of Additional Laboratories and Class-Rooms - assistance towards,	60,000
Sree Narayana College, Quilon (Kerala State).	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	

Konkan Krishi
Vidyapith, Dapoli,
Ratnagiri.

Affiliate College.

College of Agril.

Student's Aid Fund in the Colleges

KURUKSHETRA UNIVERSITY

Construction of Library Building - sanction of grant for,	40,000
Construction of Girl's Hostel (IV Unit).	50,000
-do-	50,000
Construction of Gas Plant - 4th Plan development scheme,	54,659
Un-assigned grant 1972-73,	15,000
Grant-in-aid for holding a seminar on "The late Harappen and other chalcolithic Culture of India : A Study in inter-relationship." sanction of the,	8,000
Grant to Universities for Development of Teacher Education and Research during 4th Plan period,	50,000
Higher Education and Research - Development schemes for the IV Plan period - Approved allocation of grant,	10,000
Financial assistance to Universities for the employment of trained coaches for the years 1971-72 and 1972-73,	10,008.41
Grant to Universities for Development of Teacher Education and Research during 4th Plan period - Construction of building for Education Department,	1,50,000
Construction of instructional wing for the departments of Botany, Zoology and Geography - Fourth Plan development schemes,	8,526
Construction of Women Students Hostel - Payment of Grant/Completion Cost - Regarding,	10,000
Senior/Junior Research Fellowships in Sciences Humanities including Social Sciences/ Research Fellowships in Engineering & Technology/Utilization of Services of Retired Teachers - Payment of fellowship-honorarium and contingency grant,	2,538.71
Junior Research Fellowships in Sciences - Payment of Fellowship-honorarium and contingency grant,	2,509.68
-do-	3,119.35
-do-	3,293.55

AFFILIATED COLLEGES

Government College of Education, Kurukshetra (Haryana),
Regional Engineering College, Kurukshetra.

Students' Aid Fund in the Colleges - Grant for 1972-73,	750
Financial assistance to college for development of Playfields and purchase of accessories for games and sports.	6,000

43. LUCKNOW UNIVERSITY

Construction of Geology department Building - Fourth Plan development scheme,	25,000
-do-	25,000
-do-	25,000

4,82,404.70

Lucknow University Contd.

Utilization of services of retired teachers - payment of contingency grant.	130
Senior Research Fellowships in Humanities including social sciences - payment of contingency grant.	1,000
Award of Scholarships for postgraduate studies in Sankrit to the - during 1972-73.	1,800
Construction of Women's Students Hostel - Fourth Plan Scheme - Payment of Grant.	20,000
Financial assistance to teachers in the Universities and colleges for undertaking research or learned work in Sciences - payment of first instalment of grant.	250
Organisation of the 2 nd conference of the Neurological Society of India.	3,00
Junior Research Fellowships in Humanities including Social Sciences/ payment of fellowships and contingency grant.	8,13
Construction of 84 Men Students Hostel - Fourth Plan Scheme - Payment of Grant.	25,00
Cultural Exchange Programme between India & USSR for the year 1972-74.	1,00
Organisation of the Annual Session of the Indian Academy of Applied Psychology.	3,00
Senior/Junior Research Fellowships in Sciences/Humanities including Social Sciences.	1,00
Senior/Junior Research Fellowships in Sciences/Humanities including Social Sciences/Research Fellowships in Engineering and Technology/	9
Utilization of Services of retired teachers - payment of contingency grant.	
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	2
-do-	
Financial Assistance to Teachers for Research/Learned work in Science and Humanities including Social Science - payment of second instalment of grant.	
Construction of Science Laboratories.	30,4
Travel grant to Dr.M.K. Goel, Head of the Department of Orthopaedi Surgery, K.G. Medical College, Lucknow, for attending the 18th Congress of the International College of Surgeon held in Home from May 28th to 31st, 1972.	
Student Welfare programme.	2
Purchase of Lab. Equipment, Library Books and Laboratory furniture.	19
Grants to college libraries for loan of books to students - Book Bank.	3

1,90,4

14. MADRAS UNIVERSITY

Basic grant for the purchase of library books and journals for the development of Engineering and Technological Education IV Five Year Plan.	10,000
Organisation of the annual conference of the Indian Association of Teacher Education from 25-28 October, 1972 - grant for.	3,000
Madras University-IV Annual Conference of the Society of Nuclear Medicine at Madras.	3,000
Financial Assistance to teachers for Research/Learned work in Science and Humanities including Social Science - Payment of Second instalment of grant.	350
Centre of Advanced Study in Botany - University of Madras - Release of grant for international Symposium on the Taxonomy of Fungi - January 1973.	30,000
Payment of recurring grant for postgraduate Institute of Basic Medical Sciences.	40,000
Construction of Animal House for Botany department - University of Madras	10,150
Writing of University Level Books/ Monographs.	540
Development of Higher Education and Research - Payment of Equipment grant for Science departments -IV Plan Scheme.	20,000
University of Madras - All India Indo-British Institute in Biology for school teachers held during summer - 1968 - Regarding.	4,031,47
Starting of Master of Business Administration - Release of grant towards construction of building.	25,000
Preparation of Topographical List of Inscriptions.	9,996,34
Higher Education and Research Development scheme for the 4th Plan period ending 1973-74 - Approval and allocation of grants - Establishment of Vivekananda Chair.	2,095
Centre of Advanced Study in Philosophy - Release of Grants for the National Scholarships awarded during 1972-73.	3,490
Centre of Advance Study in Botany; University of Madras - Construction of Dormitory - Cum-Guest House at Maduravoyal Field Laboratory.	25,000
Centre of Advanced Study in Botany; University of Madras, Release of grants for 1972-73.	2,99,559
Payment of recurring grant for the postgraduate course in Chemical Engineering & Textile Technology.	60,000
Grant-in-aid for the award of Junior fellowships to the postgraduate courses in Engg. & Technology during 72-73 Madras University.	36,000
Refresher Course - Track & Field	3,379,81

Madras University Comtd.

Senior Research Fellowships in Sciences - 4,250
 Payment of fellowship-honorarium and
 contingency.

AFFILIATED COLLEGES

Sharamapuram Gnanam- bikai Govt. Arts College for Women, Mayuram, (Tanjore Distt.,) Tamilnadu.	Grants to affiliated colleges - Book grant for 1970-72.	1,125
Govt. Arts College, Madras-2.	Grants to college libraries for loan of books to students (Book Bank)	17,000
Govt. Arts College, Karur, Trichy District.	Grants to college libraries for loan of books to student (Book Bank)	3,250
Stella Marts College, Madras-6.	Development of Postgraduate Studies in the Humanities and Social Sciences.	10,000
Madras Christian College, Tambaram, Madras-59.	Award of Scholarship for Post-Graduate Studies in Science and Humanities including Social Sciences to the students of Hill Areas of North East India.	2,000
P.S.G. Arts College, Coimbatore-14.	Students' Aid Fund in the Colleges - Grant for 1972-73.	4,250
Jamai Mohamad College, Tiruchirapalli-20 (Tamilnadu)	-do-	5,000
Poompuhar Paravai Kalloori, Melayur, Sirkali Taluk (Thanjavur)	-do-	2,250
Muthurangam Government Arts College, Vellore-2 (Madras State).	-do-	2,250
A.V.O. College, Mayuram (Madras State).	-do-	3,750
E.K. Government Arts College for Women, pudukkattai (Tiruchirapalli Distt.)	-do-	750
Government Arts College for Men, Mannargudi (Thanjavur Distt.)	-do-	1,000
Nirmala College for Women, Coimbatore-18.	-do-	2,750
Boston Training College, Madras.	Senior/Junior Research Fellowships in Sciences/Humanities including Social Sciences/Research Fellowships in Engineering and Technology/Utilization of services of retired teachers- payment of contingency grant.	1,000
Nirmala College for Women, Coimbatore, Tamil Nadu.	Grants to affiliated colleges - construction of Laboratory Building for Potany.	6,000
Sri G.V.G. Visakkshmi College, Vadnalpet, Coimbatore Distt., Tamil Nadu.	Grants to colleges for laboratory equipment	5,000
P.S.G. Arts College, Civil Aerodrome, P.O. Coimbatore 14.	National Service Scheme - Implemmentation of in universities - requested.	8,000
Islamiah College, Vaniyambadi, New Town, (Tamil Nadu).	Grants to affiliated colleges - Purchase of Semi-Micro Analysis equipment.	5,000

Madras University Contd.

P.S.G. Arts College, Coimbatore (Tamil Nadu)-	Development of postgraduate studies in science subjects in affiliated colleges - Financial assistance by the University Grants Commission during the Fourth Plan period.	10,000
Nallamuthu Gounder Mahalingam College, Pollachi (Tamil Nadu)	Grants to affiliated colleges - construction of additional Teaching accommodation.	35,000
Pachaiyappa's College, Madras, Tamil Nadu.	Grants to affiliated colleges for Chalkboards.	8,284
Chikkaiyah Naicker College, Erode (Tamil Nadu).	Construction of Gymnasium by the University/College under the assistance from University Grants Commission.	30,000
Sr. Ramakrishna Mission vidyalaya Training College, Coimbatore (Madras).	Special grant for Books & Journals-Grants to Teacher's Training Colleges during the Fourth Plan period - 1972-73.	12,000
H.K. Thirumela Chettiar National Training College for Women, Madras-5.	-do-	12,000
St. Christopher's Training College, Madras-7.	-do-	12,000
Regional Engineering College, Tiruchirapalli- 15 (T.N.)	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
Sacred Heart College, Tirupattur (N.A. Dist.)	Grant to college libraries for loan of books to students - Book Bank.	3,250
H.H. The Rajah's College, Pudukkottai-1. (Trichy District).	-do-	14,000
Muthurangam Govt. Arts College, Vellore-2.	-do-	8,000
Government Training College for Women, Coimbatore.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Sri Sarada Training College, Alaganuram, Salom-4 (Tamilnadu).	-do-	750
K.K. Government Arts College, Tiruvannamalai (Madras State).	-do-	2,250
Government Thirumagal Mills' College, Gudiyattam (N.A.Dt.) Madras State.	-do-	2,250
Sri Sarada Training College for Women, Salem (Tamilnadu).	Special Grant for Books & Journals - Grants to Teachers Training Colleges during the Fourth Plan Period - 1972-73.	8,000
C.K. Naidu College for Women, Cuddalore (Tamil Nadu).	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Seetha Lakshmi Ramaswami College, Tiruchirapalli-2.	Grants to affiliated colleges - Extension of Hostel Building.	1,00,000
.rignar Anna Govt. Arts College for Men, Namakkal, Salem Dt.	Grants to college libraries for loan of books to students - Book Bank.	12,000
Govt. Arts College (Women), Thanjavur.	-do-	3,250
Sri Vinashlingam Teachers College for Women, Coimbatore (Tamilnadu).	Special Grant for Books & Journals - Grants to Teachers Training Colleges during the Fourth Plan Period - 1972-73.	8,000

Madras University Contd.

Vivekananda College, Madras-4.	Students' Aid Fund in the Colleges - Grant for 1972-73.	4,250
Smt. D.N. Bhatt Vaishnav College for Women, Madras-44.	-do-	2,250
Periyar E.V.R. Government Arts College, Tiruchirapa- lli-20.	-do-	4,250
Vivekanand College, Mylapore, Madras (Tamil Nadu).	Grants to affiliated colleges - construction of Laboratory building.	75,000
Jamal Mohammed College, Tiruchirapalli-20 (Tamil Nadu).	-do-	5,000
Madras Christian College, Tambaram, Madras-59.	College Science Improvement Programme - Selected Colleges Project - Grant-in-aid.	40,000
New College, Madras,	Award of Scholarships for postgraduate studies in Arabic belonging to the hill areas of -.	1,800
Jamal Mohammad College, Khaja Nagar, Tiruchirapalli.	Grants to affiliated colleges - Construction of Laboratory building.	25,000
P.S.G. Arts College, Coimbatore-14 (Tamil Nadu)	Grants to affiliated colleges - Coimbatore of Library Building,	50,000
Teachers' College Saidapet, Madras-15.	Grants to Teachers Training College during the Fourth Plan period - Special grants for Equipment and additional aid.	
Madras Christian College, Tambaram, Madras-59.	Assistance towards construction of Residential Flats for Teachers.	50,000
Madras Christian College, Tambaram, Madras.	Development of postgraduate studies in science subjects in affiliated colleges - Financial assistance by the University Grants Commission during the Fourth Plan Period.	30,000
P.S.G. Arts College, Coimbatore-14 (Tamil Nadu)	Grants to colleges for Laboratory equipment.	1,300
St. Joseph's College, Tiruchirapalli.	College Science Improvement Programme - Selected Colleges Project - Grant-in-aid.	60,000
Government Arts College, Villupuram (Madras State)	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
Thiruvalluvar Government Arts College, Rasipuram (Salem Distt.)	-do-	2,250
Chikkaiah Naicker College, Erode (Tamil Nadu).	Grants to affiliated colleges - construction of Laboratory building for Zoology and Botany - Eastern wing.	25,000
The M.D.T. Hindu College, Petai, Tirunelveli-4, (Tamil Nadu).	Grants to affiliated colleges - construction of additional class rooms and Lecturers Theatre.	25,000
P.S.C.R. Krishnammal College for Women, Coimbatore-4 (Tamil Nadu).	Grants to affiliated colleges - construction of library and laboratory building.	10,000
Agurchand Manmull Jain College, Madras-4.	Grants to affiliated colleges during IV Plan period for development schemes- construction of Library building at A.M. Jain College, Madras.	40,000
Providence College for Women, Coonoor-4 (Madras State).	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Government Training College, Komarpalayam (Tamil Nadu).	-do-	7

Madras University contd.

Holy Cross College, Tiruchirapalli.	Grants to affiliated colleges -	50,000
Arignar Anna Govt. Arts College (Men), Namakkal (Salem) Madras State.	Construction of Class rooms.	
Chikkenna Government Arts College, Tiruppur-3 (Madras State).	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
Arignar Anna Govt. Arts College (Women), Walajapet (N.A. Distt) Madras State.	-do-	2,750
Seethalakshmi Ramaswami College, Tiruchirapalli-2 (S. India).	-do-	1,750
P.S.G. Arts College, Coimbatore.	College Science Improvement Programme - Selected Colleges Project Grant-in-aid.	80,000
A.A. Govt. Arts College, Namakkal (Madras).	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	375
	-do-	500
		15,48,242.63

5. MADURAI UNIVERSITY

Payment of salaries to 4th Plan additional staff for Science departments.	2,10,000
Scheme of Visiting Studentships for 1972-73.	5,000
College Science Improvement Programme - Publication of News Letter.	10,000
Indo-USSR Cultural Exchange Programme - Reimbursement of salary of Mrs. M.A. Poliakova - Russian Language Teacher assigned to the University.	1,050
Organisation of Special Summer Science Institute in New Technique in Bio- Research for college teachers during summer 1972 - sanction of an 'on account' advance grant - regarding (4th instalment).	20,000
University Leadership Project in Biological Sciences - COSIP - Madurai University - Grant-in-aid for introducing a Diploma Course in Biological Chemistry.	30,000
College Science Improvement Programme - University Leadership Project in Mathematics - Grant-in-aid.	50,000
IV Plan development Schemes - Appointment of additional staff in Humanities and Social Science Departments.	1,25,000
Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	250

Madurai University Contd.

AFFILIATED COLLEGES

St. Ignatius Training College for Women, Palayamkottai (Tamilnadu).	Special Grant for Books & Journals-Grants to Teachers Training Colleges during the Fourth Plan period - 1970-73.	12,000
The S.V.R.D.S. Teachers College, Attor (Martandam) (Tamil Nadu)	-do-	8,000
Annamal Training College, Taticorin-2 (Tamil Nadu).	-do-	12,000
V.C. Chidambaram Training College, Tuticorin (Tamil Nadu).	-do-	12,000
G. Venkataswamy Naidu College, Dist. Tirunelveli, Kovilpatti (Tamil Nadu).	Grant to affiliated colleges for Laboratory equipment.	3,750
M.M.S. Vellaichamy Nadar College, Nagamalai, Madurai-19.	Grants to affiliated colleges - construction additional class rooms.	40,000
Saraswathi Narayanan College, Madurai-12.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
Pioneer Kumarswamy College, Nagercoil (Tamil Nadu).	-do-	2,250
Lakshmiपुरam College of Arts & Sciences, Neyyoor (Kanyakumari Dist.)	-do-	2,250
A.C. College of Engg. & Technology, Karaikudi-4 (Madras State).	-do-	1,750
St. Mary's College, Tuticorin (Madras State).	-do-	2,750
The Standard Fireworks Rajaratnam College for Women, Sivakasi (Ramanathapuram) Madras.	-do-	1,000
Virudhunagar Hindu Nadars' College, virudhunagar-2 (Tamil Nadu)	Development of Post-graduate studies in the Humanities and Social Sciences during the Fourth Plan period.	30,000
G.T.N. Arts College, Dindigul (Madurai).	Construction of Gymnasium by the University/College under the assistance from University Grants Commission.	25,000
G.T.N. Arts College, Dindigul (Madras State).	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
St. Ignatius Training College, Palayamkottai (Tamil Nadu).	Grants to Teachers Training College during the Fourth Plan period - Special grants for equipment and audio-visual aids.	5,000
Holy Cross College, Nagercoil-2.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,200
Sri K.G.C. Arts College, Arulandinager, Srivai-kuntam (Tirunelveli Dt.)	-do-	1,000
Kumaraj College, Tuticorin (Tamil Nadu).	Grants to affiliated colleges - construction of laboratory building and purchase of furniture & equipment.	1,00,000
Vivekanand College, Agastuewarum, Kanyakumari, Tamil Nadu.	Book Grants to affiliated colleges for 1970-72.	1,00,000
Sri Parasakthi College, Tirunelveli (Madras).	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	1,00,000

Madurai University Contd.

Americal College, Madurai-2.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750
St. Xavier's College, Palayamkottai, (Tirunelveli-2) Madurai.	Grants to college libraries for loan of books to students (Book Bank).	4,750
Arigner Anna College, Arambely, K.K. Dist. (Tamil Nadu).	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Aditaner College of Arts & Science, Tiruchendur (Tirunelveli).	-do-	1,750
Vivekananda College, Agasteeswaram (Kanyakumari).	-do-	2,250
V.V.V. College for Women, Virudhunagar (Madras State).	-do-	2,250
Seethalakshmi Achi College for Women, Pallattur, Ramanathapuram Distt. (Tamil Nadu).	Book Grant to affiliated colleges for 1970-72.	1,375
Scott Christian College Nagercoil (Tamil Nadu).	Grants to affiliated colleges - construc- tion of Laboratory building.	30,000
Thiagarajar College, Madurai-9.	Students aid Fund in the Colleges - Grant for 1972-73.	3,750
V.O.C. College, Tuticorin-3 (Tamil Nadu).	Construction of Gymnasium by the College under the assistance from University Grants Commission.	15,500
Thiagarajar College, Post Box No.107, Madurai-9.	Development of post-graduate studies in Science subjects in affiliated colleges Financial assistance by the University Grants Commission during IV Plan period.	1,000
Seethalakshmi Achi College for Women, Pallattur (Ramanad), Tamilnadu.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
R.D. Memorial College, Sivaganga (Madras State).	-do-	3,250
Sri Parasakthi College for Women, Courtallam (Tirunelveli Dt.)	-do-	1,750
Sri Parma Kalyani Kalyani College, Tirunelveli Dist.	Grants for Laboratory equipment of affiliated colleges.	4,000
Seetha Lakshmi Achi College for Women, Pal attur (Tamil Nadu).	Grants to affiliated colleges - Construction of Library Building,	50,000
Government Arts College, Melur (Madurai Dt.)	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Thingarjar College of Preceptors, Madurai (Tamil Nadu).	Special Grant for Books & Journals - Grants to Teacher's Training Colleges during the Fourth Plan period - 1972-73.	8,000
Kamaraj College, Tuticorin-3, Madurai	Grants to colleges libraries for loan of books to students (Book Bank).	8,000
Sree Devi Kumari Women's College, Kurhithurai (Tamil Nadu).	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
R.D.M. College, Sivaganga (Tamil Nadu).	Grants to affiliated colleges - Construction of additional class rooms - Lecture Theatre,	30,000
Sri Parmakalyani College, Alwarkurichi (Tirunelveli Dt.)	Grants to college libraries for loan of books to students - Book Bank,	3,249.88

Madurai University Contd.

A.F.S. Ammal College, Tirupnattur (Tammad) Tamil Nadu.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
M.D.T. Hindu College, Petai (Tirunelveli-4).	-do-	3,750
C. Venkateswamy Naidu College, Koviloatti (Tirunelveli Dt.) Tamil Nadu.	-do-	1,750
Sri Palaniandaver College for Indian Culture, Palni (Madurai District).	-do-	750
		8,39,599.88

46. MAGADH UNIVERSITY

Financial assistance to teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	250
Construction of Science Block during Fourth Plan period.	10,000
Utilization of Services of Retired Teachers - Appointment of Shri Paras Nath Tiwari to assist Dr.K.K. Dutta.	1,819.3
Assistance for the purchase of Water Cooler.	2,000

AFFILIATED COLLEGES

H.D. Jain College, Arrah.	Financial Assistance to Teachers for Research/Learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant.	500
Jawahar Lal Nehru College, Dehri-on-Sone (Shahabad).	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	7,210
S.S. College, Jahanabad (Gaya).	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
B.S. College, Dinapore (Bihar).	Laboratory equipment.	5,000
H.D. Jain College, Arrah (Bihar).	Grant for Laboratory Equipment.	4,996.7
M.B.R.R.V.P. Singh College, Arrah (Bihar State).	Students' Aid Fund in the College, Grant for 1972-73.	5,000
A.N.S. College, Barh (Patna).	Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Science - Payment of Second instalment of grant.	375 375
S.S. College, Johanabad (Bihar).	Grants for Laboratory Equipment.	1,300
Jagjiwan College, Arrah (Bihar State).	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Sardar Vallabhbhai Patel College, Bhabua (Shahabad).	Grants to colleges for Students' Welfare Programme.	4,000
Sardar Vallabhbhai Patel College, Bhabua (Shahbad) Bihar State).	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750

47. M. S. UNIVERSITY OF BARODA

Scheme of Visiting Studentships for 1972-73.	3,000
Programme of Special Assistance to Selected Departments - Department of Biochemistry.	65,000
Centre of Advanced Study in Education M.S. University of Baroda - Grants for the year 1972-73.	5,000
-do-	16,100
Cultural Exchange Programme between India and USSR for the year 1971-72.	549,20
Grant-in-aid for part-time courses for State Diplomas in Engineering.	1,653
Centre of Advanced Study in Education M.S. University of Baroda - Grants for the year 1972-73.	4,300
-do-	5,600
Award of Junior Fellowships of Rs. 250/- p.m. to postgraduate students of Engineering and Technology admitted during the session 1968-69.	2,507
The purchase of equipment and furniture for nine postgraduate courses in Civil Engineering - Equipment.	80,000
Financial assistance to universities for development of play fields and purchase of accessories for games and sports.	10,000
Development of the five year degree course in Chemical Engineering - Equipment.	15,000
Introduction of postgraduate Course for Mechanical Engineering - Equipment grant.	20,000
Introduction of postgraduate courses in Electrical Engineering - Purchase of Equipment.	60,000
Centre of Advanced Study in Education, M.S. University of Baroda - Grants for the year 1972-73.	5,110
Grant in aid for the Introduction of a degree course in Metallurgical Engineering.	65,000
Award of Scholarships for honours/postgraduate studies in Persian students to Areas during 1972-73.	1,800
Development Schemes during IV Plan - Appointment of addition staff - Professor of Co-operation - grant for.	10,000
Grants to Education Department of the University Fourth Plan period - Special grants for equipment and audio-visual aids.	10,000
Establishment of a department of Continuing/Adult Education sanction of grant for.	25,000

4,05,619.20

48. MARTHAWADA UNIVERSITY

Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant	250
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Marthawada University Contd.

Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	50
Construction of 50 Class IV Quarters.	25,000
Construction of Professors, Readers & Lecturer Quarters.	70,000
Higher Education and Research - Development Schemes for the 4th Plan period ending 1973-74 - Approval and Allocation of grant - Expansion to the Department of Zoology.	25,000
Establishment of Students Rooms in Universities.	5,000
A Gandhi Centenary Programme.	6,760
Establishment of Students' Aid Fund in Universities during 1972-73.	15,000
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	25

AFFILIATED COLLEGES

Government College of Education, Latur (Dist. Osmanabad).	Students' Aid Fund in the Colleges - Grant for 1972-73.	75
Govt. College of Education, Ambajogai (Maharashtra).	Special Grant for Books & Journals	12,00
Maulana Azad Education Society's, Marathwada College of Education, Aurangabad.	Grants to Teacher's Training Colleges - during the Fourth Plan period - 1972-73.	
Shri Shivaji College, Kandhar (Dist. Nanded).	Grants to Teachers Training College during the Fourth Plan period -	30,00
Adarsha Education Society's Arts, Commerce & Science College, Hinguli, Distt. Parbhani (Maharashtra).	Special grants for books and journals.	
Mahatma Gandhi Mahavidyalaya, Ahmedpur, Distt. Osmanabad.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,00
Dayanand Arts College, Latur (Maharashtra).	Grants to college libraries for loan of books to students (Book Bank).	3,25
Shri Saraswati Bhawan Education Society's College of Science, Aurangabad (Maharashtra).	Grants to college libraries for loan of books to students (Book Bank).	0,00
M.S.P. Mandal's Vinayakree Pati Mahavidyalaya, Vaijapur (Dist. Aurangabad).	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,75
M.E.S. Maharashtra Udayagiri Mahavidyalaya, (Udgir) (Dist. Osmanabad) (M.S.)	-do-	2,25
Yogeswari Mahavidyalaya, Ambajogai, (Dist. Bhir) (Maharashtra).	-do-	2,75
-do-	-do-	4,25
	Grants to affiliated colleges - construction of Laboratories and Class Rooms.	50,00
	Grants to affiliated colleges - construction of library building.	2,75

Marthawada University Contd.

Yogeshwari Mahavidyalaya, Ambajogai (Maharashtra State).	Students Welfare Programme.	6,000
Government College of Education, Parbhani (M.S.).	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Nanded Education Society's Science College, Nanded, (Maharashtra).	Construction of Additional Class Rooms - Release of Grant in respect of,	40,000
Yeshwant Mahavidyalaya, Nanded (Maharashtra).	Development of postgraduate studies in Science subjects in affiliated colleges - Financial assistance by the University Grants Commission during the Fourth Plan period.	20,000
Adat Vayapari Education Society's Digloor College, Digloor, Dist. Nadiad.	Grants to college libraries for loan of books to students - Book Bank.	3,171.27
A.V. Education Society's Digloor College, Digloor, Distt. Nanded. (Maharashtra).	Grants to affiliated colleges - purchase of library books and journals.	10,000
Shri Saraswati Bhawan Education Society's Arts and Commerce College, Aurangabad. (Maharashtra).	Construction of Women's Hostel.	75,000
P.E. Society's Dr. Ambedkar College of Law, Aurangabad.	Students' Aid Fund in the Colleges - Grants for 1972-73.	1,000
Maulana Azad College of Arts, Science and Commerce, Aurangabad. (Maharashtra).	Grants to affiliated colleges for the purchase of laboratory equipment.	5,000
Ramakrishna Paramhansa Mahavidyalaya, Osmanabad (Maharashtra).	Grants to affiliated colleges (Marathwada University) for Laboratory Equpt.	5,000
Yogeshwari College, Ambajogai (Maharashtra).	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	500
M.P. Law College, Aurangabad.	Financial Assistance to Teachers for Research/Learned work in Science and Humanities including Social Sciences - Payment of Second Instalment of grant.	375
Shri Saraswati Bhawan Education Society's Arts & Commerce College, Aurangabad (Maharashtra).	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750
Nanded Education Society's people's College, Nanded (Maharashtra).	-do-	3,750
Shri Chhatrapati Shivaji College, Omerga, Distt. Osmanabad. (Maharashtra).	Grants to affiliated colleges (Marthwada University) for Laboratory Equipment.	5,000
A.E.S. Arts, Commerce and Science College, Hingoli, Distt. Parbhani (Maharashtra).	-do-	5,000
S.B.E.S. College of Arts & Commerce, Aurangabad, (Maharashtra).	Students Welfare Programme.	5,000
Shri Mahatma Dasweshwar Mahavidyalaya, Latur (Maharashtra).	Extention of Science Laboratories.	80,000
Government College of Education, Nanded (Maharashtra).	Special Grant for Books & Journals - Grants to Teacher's Training Colleges during the Fourth Plan period - 1972- 1972.	12,000

49. MEERUT UNIVERSITY

Organisation of 14th conference of the Indian Society of Labour Economics.	3,000
Utilization of services of retired teachers - payment of contingency grant.	1,000
Fourth Plan Development Schemes - Construction of an 'Animal House for the department of Psychology.	20,000
Grants for the support of research in universities - Fourth Plan period.	20,000
Utilization of Services of Retired Teachers - Payment of honorarium and contingency grant.	3,967.74

AFFILIATED COLLEGES

Meerut College, Meerut (U.P.).	Development of Post-graduate studies in the Humanities and Social Sciences.	5,000
D.A.V. College, Muzaffarnagar (Meerut) U.P.	Construction of Non-Resident Student Centre - Cycledshed,	30,000
Vidyavati Mukandlal Girls Degree College, Ghaziabad.	Book Grants to the colleges - 1970-72.	1,375
Raghunath Girls (P.G.) College, Meerut, U.P.	Purchase of Laboratory equipment.	4,474.25
Jain Girls Degree College, Muzaffarnagar, U.P.	Purchase of Library books and furniture.	5,083
Raghunath Girls (Post-graduate) College, Meerut.	Construction of Library building.	35,000
D.N. Degree College, Culaothi. Dist. Balaneshwar U.P.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Dayanand Women's Training College, Dehradun (U.P.)	Special Grant for Books & Journals - Grants to Teacher's Training Colleges during the Fourth Plan period - 1972-73.	8,000
S.S.V. College, Hapur, U.P.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,250
K.L.M. Mahavidyalaya Meerut (U.P.)	Construction of Library Block.	10,000
K.L.D.A.V. College, Roorkee (U.P.).	Students Welfare Programme.	2,500
M.B. Degree College, Dadri, U.P.	Construction of Library building.	70,800
M.B. Degree College, Dadri, U.P.	Grants to affiliated colleges for Chalkboards.	2,300
Ismail National College for Women, Meerut (U.P.).	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
Lajpat Rai College, Sahibabad (Ghaziabad) U.P.	-do-	2,250
K.L.M. Mahavidyalaya, Meerut, U.P.	Construction of Library block.	15,000
B.S.M. Degree College, Roorkee (U.P.)	Grants to affiliated colleges - Purchase of Chalk boards.	1,786
Vidyavati Mukand Lal (P.G.) College for Women, Ghaziabad (Meerut).	Purchase of Laboratory equipment.	10,000
I.D.P.D. Degree College, Balanishahar (Meerut).	Book grant to the colleges 1970-72 release of the balance grant.	1,125
Coachar Mahavidyalaya, Ramour Maniharan (Saharanpur Dist.) U.P.	Assistance for purchase of Semi-Micro Analysis equipment for the Chemistry Department.	5,000
M.L. & J.N. Khanka College, Saharanpur (U.P.).	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750

MEERUT UNIVERSITY CONTD.

S.D. College, Muzaffarnagar, U.P.	Construction of Non-Resident Student Centre.	15,000
M.M.H. College, Ghaziabad.	Financial Assistance to Teachers for Research/Learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant.	250
M.M.H. College, Ghaziabad.	-do-	250
Mahadevi Kenya Pathshala College, Dehra-Dun, U.P.	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	17,000
Janta Vedic College, Baraut (Meerut) U.P.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,250
M.M.H. College, Khekra (Meerut) U.P.	Purchase of Laboratory equipment - Release of balance grant.	4,000
D.A.V. College, Muzaffarnagar.	Grants to college libraries for loan books to students (Book Bank).	4,750
D.B.S. College, Dehradun.	Construction of Teachers Flats.	1,00,000
D.B.S. College, Dehradun.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	400
D.A.V. College, Muzaffarnagar. (U.P.)	-do-	400
D.B.S. College, Dehradun (U.P.).	-do-	400
D.A.V. College, Muzaffarnagar.	-do-	375
D.P. Degree College, Anupshahr (Bulandshahr) U.P.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
M.M.H. College, Ghaziabad (U.P.).	-do-	5,000
R.N.P.P. Vidyalyaya College, Gurukul-Narsan (Sharanpur) U.P.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
J.V. Jain College, Sharanpur, U.P.	Construction of Teaching accommodation,	25,000
S.S.V. College, Hapur, U.P.	Construction of Teachers Hostel,	40,000
D.A.V. College, Muzaffarnagar, U.P.	Construction of Cycle Shed and Class rooms & N.R.S.C.	40,000
Multani Mal Hodi College, Modinagar (U.P.).	Students Welfare Programme.	5,000
Sri Kund Kuri Jain Degree College, Khatauli (Muzaffarnagar).	Construction of Teachers Hostel and Principal's Residence.	3,391
Digambar Jain College, Barout (Meerut).	Construction of Residential flats to teachers.	30,000
Ishwar Dayal Parchandi Devi Degree College, Bulandshahr, U.P.	Students Welfare Programme.	2,500
Nanak Chand Anglo-Sanskrit College, Meerut - U.P.	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	5,499
Multanimal Modi College, Modinagar (U.P.)	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,250
Cochar Mahavidyalaya, Rampur Mahhyaran, Sharanpur (U.P.)	-do-	750

Meerut University (Contd.)

Ishawar Dayal Pasandi Devi Degree College, Bulandshahr.	Students' Aid Fund in the Colleges - Grant for 1972-73	1,000
Mihir Bhoj Degree College, Dadri (Buland- shahr) UP	-do-	750
Meerut College, Meerut.	Purchase of Laboratory equipment.	18,000
M.K.P. College, Dehra Dun	-do-	4,716.14
J.V. Jain College, Sharanpur	-do-	5,000
D.A.V. College, Muzaffarnagar.	Grants to Colleges for Laboratory Equipment.	5,000
Shanbhu Dayal College, Ghaziabad.	Financial assistance to teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second Instalment of grant.	250
Ishawar Dayal Parsandi Devi Degree College, Bulandshahr (UP)	Construction of Non-resident's Students' Centre.	10,000
Dayanand Brijendra Swarup College, Dehradun	Students' Aid Fund in the Colleges - Grant for 1972-73	3,750
Jain Girls' Degree College, Muzaffarnagar.	-do-	1,750
Meerut College, Meerut.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences- Payment of first instalment of grant.	250
-do-	-do-	250
-do-	-do-	250
Raghunath Girls College, Meerut.	-do-	250
		<hr/> <u>6,04,373.54</u>

50. Mysore University

Purchase of furniture for the Geology Department - IV Plan Scheme.	6,000
Salary of Staff relating to Humanities and Social Science Departments approved under the IV Plan Development Schemes.	25,000
Purchase of furniture and fittings for the new Arts Block Building - sanction of grant for.	6,750.
Construction of Laboratory building for postgraduate Home Science depart- ment - IV Plan scheme.	40,000
Purchase of Scientific equipment during IV Plan.	25,000
College Science Improvement Programme- University Leadership Project in Physics - Grant-in-aid.	80,000
Purchase of books and journals for the development of department of Teacher Education during IV Plan period.	20,000
Increase in in-take to the Postgraduate courses in Science subjects during IV	35,000

Mysore University (Contd.)

Increase in in-take to the Postgraduate courses in Science subjects during IV Plan period - University of Mysore.	35,000
Starting of Postgraduate department in Home Science - Payment of recurring grant for the Cultural Exchange Programme between India and USSR for the year 1971-72.	38,000
-do-	1,338.79
-do-	442
Asian Conference on "Regional Planning and National Development."	3,000
Salary of Dean of students Welfare and Documentation officer appointed under IV plan development schemes.	20,000
Establishment of University Centre for post-graduate studies at Mangalore - Grant-in-aid for the construction of Physics and Mathematics and Bio-science blocks.	50,000
Writing of University Level Books/Monographs on "The concept the scope of Puri in Sanskrit Literature" under the supervision of Shri Gurupada K. Hegde.	2,000
Utilisation of Services of Retired Teachers - Payment of contingency grant.	1,625.90
Development of Scientific education and research	15,000
Payment of grant towards the purchase of Equipment for Postgraduate department of Home Science - Fourth Plan Development Scheme.	
Construction of Gymnasium by the University under the assistance from University Grants Commission.	35,000
Salary of Staff relating to Humanities and Social Science Departments approved under the IV Plan Development Schemes.	2,00,000
Establishment of postgraduate studies centre at Mangalore - Construction of Student's hostel.	5,000
-do-	15,000

Affiliated Colleges

National College of Commerce, Srimoga.	Students' Aid Fund in the Colleges-Grant for 1972-73.	1,750
St. Ann's Training College, Mangalore.	Grants to Teachers Training College during Fourth Plan period-Special grants for books and journals.	2,000
-do-	College Science Improvement Programme - Selected Colleges Project - Grant-in-aid.	80,000
The Institute of Education, Nayarbad.	Special Grant for Books & Journals - Grants to Teacher's Training Colleges during the Fourth Plan period - 1972-73.	8,000
Govt. College of Education, Mangalore.	-do-	8,000
National College of Education, Shimoga.	-do-	8,000
Saradavilas Teachers' College, Mysore.	-do-	8,000
Manipal College of Education Udipi.	-do-	8,000

Mysore University (Contd.)

Vivekananda College of Art's, Science and Commerce, Nehrunagar, Padnoor Post.	Purchase of Semi-Micro analysis Equipment.	5,000
Aswathiah Esthuri Sanjeevarma National College, Gauribidanur, Kalpatharu College, Tiptur.	Grants to college libraries for loan of books to students (Book Bank).	8,000
Shri J.C.B.M. College, Sringeri (Mysore) Govt. College, Hassan.	Students' Aid Fund in the Colleges- Grant for 1972-73.	3,250
L.V.K. College for Women, Hassan.	Book Grant to affiliated/Govt. colleges for the year 1970-72.	3,375
Sarda Vilas Teacher's College, Mysore-4.	Students' Aid Fund in the Colleges - Grant for 1972-73.	4,250
Vidyodaya Law College, Tumkur	-do-	1,750
Sri Jaya Ghamarajendra College of Engineering, Mysore.	-do-	750
Sarda Vilas Law College, Mysore.	-do-	750
S.S.J.V.P. College, Harihar.	Grant-in-aid for the purchase of books and journals for the development of teaching and research in Law - Fourth Five Year Plan.	1,000
P.J.N. Memorial Art's Commerce College, Birur.	Purchase of Library Books.	3,000
Mahatma Gandhi Memorial College, Udipi-2.	Book Grant for 1970-71.	1,125
Government College, Mercari.	Grants to colleges for Laboratory Equipment.	5,000
St. Ann's College of Education, Mangalore.	Grants to affiliated colleges for Laboratory equipment.	5,000
L.V.K. College for Women, Davangere-2.	Students' Aid Fund in the colleges- Grant for 1972-73.	750
Mahatma Gandhi Memorial College, Udipi.	-do-	1,750
S.S. College of Arts' Science and Commerce, Tumkur.	Construction of Teacher's Hostel.	60,000
J.S.S. College of Arts & Science, Chamarajanagar.	Purchase of Simi-Micro Equipment.	5,000
National College of Education, Sriranga.	Students' Aid Fund in the Colleges- Grant for 1972-73.	1,000
D.V.S. Evening College, Sriranga.	-do-	750
B.D.T. College of Engineering, Davangere.	-do-	1,000
Mahatma Gandhi Memorial College, Udipi.	Grants to college libraries for loan of books to students - Book Bank.	1,000
Manipal College of Education, Udipi.	Students' Aid Fund in the Colleges- Grant for 1972-73.	3,000
St. Philomena's College, Mysore-7.	Financial Assistance to college for development of playgrounds and purchase of accessories for games and sports.	750
University Evening College, Mysore.	Grants to college libraries for loan of books to students - Book Bank.	6,000
		4,750

Mysore University (Contd.)

Vujaya College, Mulki (S.K.)	Construction of Library building & purchase of Library Furniture.	40,000
J.S.S. College of Art's & Science, Chamarajanagar.	Purchase of Library Books, Laboratory Equipment and furniture - under the scheme of Rs.3 lakhs during the IVth Plan period.	50,000
H.P.P.C. Municipal College, Challakere, Dt. Chitradurga.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
S.J.V.P. Panditaradhya College, Harihar.	-do-	750
Postgraduate Centre, Mangalore.	Financial assistance to teachers in the universities and colleges for undertaking research of learned work in Sciences - Pay- ment of first instalment of grant.	250

9,99,781-98

51. Nagpur University

Grant-in-aid in respect of junior fellowships of the value of Rs.250/-p.m. to the students admitted during the year 7.1.72 in postgraduate courses in Chemical Engineering and Chemical Technology.	13,000
Grant-in-aid for the purchase of books and journals for the development of teaching and research in Law - Fourth Five Year Plan.	15,000
Senior/Junior Research Fellowships in Sciences/Humanities including Social Sciences/Research Fellowships in Engineering/ Technology/Utilization of services of retired teachers/payment of fellowship/honorarium and contingency grant.	3,673.33
Grant-in-aid in respect of junior fellow- ships of the value of Rs.250/-p.m. to the students admitted to the postgraduate courses in Chemical Engineering & Chemical Technology.	26,250
Research Fellowships in Engineering & Technology - Payment of fellowship/ honorarium and contingency grant.	318
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
-do-	250
-do-	500
-do-	500
-do-	500
-do-	500
-do-	375
Grant-in-aid for award of junior fellow- ships at the rate of Rs.250/-p.m. each to the students admitted to the post- graduate courses in Food Technology at the Laxminarain Institute of Technology.	7,000

Nagpur University (Contd.)

	Construction of Central Workshop building during Fourth Plan period.	50,00
	Fourth Plan Development Schemes(H) Construction of Arts Block Building - Sanction of grant for the.	10,00
	Senior/Junior Research Fellowships in Sciences/Humanities including Social Sciences/Research Fellowships in Engineering & Technology/Utilization of Services of Retired Teachers - Payment of fellowship-honorarium and contingency grant.	3,00
	-do-	3,00

Affiliated Colleges

Panjabhai Patel College of Education, Gondia.	Special Grant for Books & Journals Grants to Teacher's Training Colleges during the Fourth Plan period - 1972-73.	8,00
Seth Narsingdas Mor College of Arts & Commerce, Tumsar.	Grants to college libraries for loan of books to students (Book Bank).	3,00
Shri Shivaji Education Society's Science College, Congress Nagar, Nagpur.	Students' Aid Fund in the Colleges Grant for 1972-73.	1,70
G.S. College of Commerce, Wardha.	-do-	3,70
Shri Shivaji College, Akot.	-do-	2,20
Mahila Mahavidyalaya, Amravati.	-do-	1,00
Janta College of Education, Chandrapur.	Special Grant for Books & Journals Grants to Teachers' Training Colleges during the Fourth Plan period - 1972-73.	8,00
Dhanwate National College, Nagpur.	Students' Aid Fund in the Colleges Grant for 1972-73.	3,70
C.J. Patel Arts & Commerce College, Tipora, Distt. Bhandara.	-do-	1,00
Shri Shivaji College of Arts, Commerce, Science, Akola.	-do-	3,70
Shri Shivaji College of Education, Amravati.	Grants to Teachers Training College during the Fourth Plan period - Special grants for books and journals.	8,00
Bharatiya Mahavidyalaya, Amravati.	Students' Aid Fund in the colleges Grant for 1972-73.	2,70
Shri Shivaji College of Education, Amravati.	-do-	1,00
S.B. City College, Nagpur-9.	-do-	2,00

Nagpur University (Contd.)

Jankidevi Bajaj College of Science, Wardha.	Students Aid Fund in the Colleges Grant for 1972-73..	2,250
Nabira Mahavidyalaya, Katol.	-do-	2,250
Seth Kesharimal Porwal College, Kamptee.	-do-	1,750
Raj Mahavidyalaya, Amravati.	-do-	2,250
G.S.College of Commerce, Wardha.	-do-	3,750
R.S.Bidkar Arts & Commerce College, Hinganghat.	Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences-Payment of Second instalment of grant.	250
V.R.Regional College of Engineering, Nagpur.	-do-	750
G.S.College of Commerce & Economics, Amravati Road, Nagpur.	Students' Aid Fund in the Colleges Grant for 1972-73..	4,250
Shri K.E.College of Science, Nagpur.	Financial Assistance to Teachers for Research/Learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant.	500
V.R.College of Engineering, Nagpur.	-do-	500
Samrath Mahavidyalaya, Lakhami.	Construction of Additional Class-rooms.	7,096
Seth Narsinghdao Mor College of Arts & Commerce, Tumsar.	Book grant to affiliated colleges for the year 1970-71.	1,125
Natwarlal Haniklal Dalal College of Arts & Commerce, Condia.	Construction of a Library Build- ing - Release of grant.	35,000
Arts & Commerce College, Daryapur.	Construction of Women's Hostel	20,000
Seth Narsinghdas Mor College of Arts and Commerce, Kunsar.	Grant for purchase of laboratory equipment - release of grant.	10,000
Dr. Ambadkar College, Deeksha Bhoomi, Nagpur.	Grants to college libraries for loan of books to students (Book Bank).	14,000
Jashbahi Fuljibhai Patel College of Arts & Commerce, Bhandara.	Grants of affiliated colleges during IV Plan - Expansion of library facilities.	35,000
C.P. & Borar Educa- tion Society's College, Tuleibag, Nagpur-2.	Construction of library build- ing - Balance of grant.	20,000
Nevjabai Hitkarini College, Brahmapuri, Distt. Chanda.	Grants to affiliated colleges during IVth Plan - Expansion of library facilities.	40,000
Laxmibai Radhakishan Tosniwal College of Commerce, Akola.	Construction of additional class-rooms.	18,000

Nagpur University (Contd.)

Nabira Mahavidyalaya,, Katol, Distt. Nagpur..	Financial Assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences-Pay- ment of first instalment of grant.	250
Dr. Ambodkar College,, Nagpur.	-do-	250
Institute of Science,, Nagpur.	-do-	500
Brijlal Biyani Science College, Amravati.	-do-	750
Ambodkar College, Nagpur.	-do-	250
Laxminarayana Institute of Technology, Nagpur.	-do-	500
Jankidevi Bajaj College of Science, Wardha.	Grants to college libraries for loan of books to students (Book Bank)	8,000
Shri Shivaji College of Arts, Commerce & Science, Akola.	Extension of laboratory facilities (Construction of laboratory building and purchase of labora- tory equipment and books.)	40,000
Rajasthan Aryan Arts and M.K.Commerce Mahavidyalaya, Washim.	Extension of library building during IV Plan.	20,000
K.L.T.College of Commerce, Akola.	Construction of additional class-rooms.	18,000
Shri Dayanesh Maha- vidyalaya, Nawargoan Distt. Chandrapur.	Students' Aid Fund in the colleges-Grant for 1972-73.	1,000
Dharampeth Arts, Commerce & M.P.Deo Memorial Science Mahavidyalaya, Nagpur.	-do-	2,750
M.Mohota College of Science, Umrer Road, Nagpur.	-do-	2,250
Shri M.Mohota College of Science, Umrer Road, Nagpur.	Grants to college libraries for loan books to students (Book Bank)	3,250
Suwalal Patani Arts & Commerce College, Pulgaon, Dist. Wardha.	Students Welfare Programme.	2,500
Netwarlal Maniklal Dalal College of Arts and Commerce, Condia.	Construction of a teachers hostel.	2,400
G.S.College of Commerce, Wardha.	Extension of library building during IV Plan-Release of final instalment.	14,666
Swavalambi College of Education, Wardha.	Special Grant for Books & Jour- nals-Grants to Teachers Train- ing Colleges during the Fourth Plan Period - 1972-73.	8,000
Shri Shivaji College, Amravati.	Grants to affiliated colleges during IV Plan-Construction of library building.	50,000
Shripad Krishna Kolhatkar Mahavidyalaya, Jalgaon.	Students' Aid Fund in the colleges-Grant for 1972-73.	1,000
Phulsing Nasik Maha- vidyalaya, Pusad.	-do-	2,250
Govt. College of	-do-	750

Nagpur University (Contd.)

Smt. Radhadevi Goenka College for Women, Akola.	Construction of Teachers' Hostel (8 Flats).	45,000
Natwarlal Maniklal Dalal Mahavidyalaya, of Arts and Commerce, Gondia.	Construction of Gymnasium by the college under the assistance from University Grants Commission.	20,000
Smt. Radhadevi Goenka College for Women, Akola.	Students' Aid Fund in the Colleges-Grant for 1972-73.	1,000
Bhartiya Mahavidyalaya, Amravati.	Construction of library building during IV Plan.	35,000
St. Francis De Sales College, Nagpur.	Construction of Non-Resident students centre building-Release of final instalment in respect of-	5,000
Visvesvarya Regional College of Engineering, Nagpur.	Students' Aid Fund in the Colleges-Grant for 1972-73.	2,750
Shri Shivaji College, Akot. Distt. Akola.	Grants to college libraries for loan of books to students-Book Back.	3,250
Seth Kesarimal Porwal College, Kamotee.	Construction of library and lecture halls-Release of grants.	40,000
C.P.Bearar Education Society's College, Nagpur.	Grants to affiliated colleges for the purchase of laboratory equipment.	2,500

7,34,061.56

52. North Bengal University

Junior Research Fellowships in Sciences-Payment of fellowship-honorarium and contingency grant.	2,780.65
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Affiliated Colleges.

Salesian College, Sonada (WB)	Book grant to affiliated colleges for the year 1970-71.	1,125
Raiganj College, Raiganj.	Extension of Women's Hostel-Assistance towards.	20,000
Dinbata College, Dinbata, Distt..	Grants to affiliated colleges for the purchase of laboratory equipment.	4,000
Siliguri College, Siliguri(Darjeeling)	Financial assistance to teachers learned work in sciences and Humanities including Social Sciences-Payment of Second instalment of grant.	500
Raiganj College, Raiganj, West. Dinajpur.	Purchase of books & journals - Assistance towards.	15,000
Ananda Chandra College of Commerce, Jalpai- guri (W.B.)	Students Aid Fund in the Colleges-Grant for 1972-73.	2,750
Chanchal College, Chanchal.	-do-	1,000
Methabhanga College, Methabhanga.	-do-	1,000
Alipurduar College, Alipurduar, Distt. Jalpaiguri.	-do-	4,250

North Bengal University (Contd.)

Shree Ramakrishna B.T. College, Darjeeling.	Special Grant for Books and Journals-Grants to Teachers Training College during the Fourth Plan period - 1972-73.	8,000
Alipurduar College, Alipurduar, Distt. Jalapaiguri.	Grants to affiliated colleges for the purchase of chalkboards.	780

61,185.6

53. Orissa University of Agricultural

Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences-Payment of first instalment of grant.	250
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250

54. Osmania University

Organisation of All India summer institute in Economics during Winter, 1972 -sanction of 2nd instalment - grant for.	15,000
Centre of Advanced Study in Astronomy, Osmania University - Grants for the year 1972-73.	5,000
Grants-in-aid for development of Higher Scientific Education and Research during the Fourth Five Year Plan period - Purchase of Xerox and Phtostat machines for use of all University Colleges/ Departments - reg.	25,000
Writing of University Level Books/ Monographs.	5,855
Purchase of departmental library books and journals (H) - sanction of grant for.	15,000
Development Schemes during the IV Plan Period - Purchase of equipment for the Humanities Departments - grant for.	40,000
Holding a 45th Session of the All India Philosophical Congress.	3,000
Organisation of a National Convention of the Indian Psychological Association for a period of 3 days in the 2nd and 3rd week of November, 1972.	3,000
Purchase of departmental library books and journals (H) - sanction of grant for.	10,000
Seminar on English Literature.	10,000

Osmania University (Contd.)

Grant-in-aid for the award of Junior fellowship in Engineering & Technology to Shri G.Ram Mohan Sai admitted during 1971-72.	4,733.33
Writing of University Level book on "Theory of Local Self Government" under the supervision of Prof. M.A. Muttalib.	4,000
Grant-in-aid for the award of junior fellowship to Shri K. Mallesham admitted in the Postgraduate course during 1970-71 in Engineering and Technology.	3,387.93
For holding the 3rd All India Conference of Linguists to be held on 29th and 30th December, 1972 at the University.	3,000
For holding XVIII Annual Conference of the Association of Physiologists and Pharmacologists of India at Hyderabad.	3,000
Senior Research Fellowships in Sciences Utilization of services of retired teachers/payment of fellowship grant.	1,000
Utilization of services of retired teachers payment of contingency grant.	999.91
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	750
-do-	250
Centre of Advanced Study in Astronomy, Osmania University - Grants for the year 1972-73.	1,006.80
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	500

Affiliated Colleges.

Nagajunasagar Students' Aid Fund in the Colleges - Engineering Grant for 1972-73.	1,750
College, Gunfoundry, Hyderabad.	
Government College of Education, Warrangal.	-do- 1,000
St. Francis College for Women, Secundarabad.	-do- 1,750
Govt. College, Siddipot.	-do- 3,750
Sarojini Naidu Construction of additional teaching Vanita Mahavi-accommodation and laboratory building. Jayalaya, Hyderabad.	1,50,000

Osmania University (Condit.)

Guriraj Govt. Arts College, Nizamabad.	Grants to colleges for laboratory equipment.	5,000
St. Francis' College for Women, Secunderbad-25.	Book Grant to affiliated colleges during 1970-1972.	1,125
Sardar Patel College, Secunderabad.	Grants to college libraries for loan of books to students (Book Bank).	3,000
Amarat Kapadia Navjivan Women's College, Ramkoti.	Grants to affiliated colleges - construction of laboratory building	40,000
Sardar Patel College, 14, Padma Rao Nagar, Secunderabad.	Book Grant to colleges for 1970-72.	1,125
Nehru Memorial Arts & Science College, Jogipet, Distt. Medak.	Financial Assistance to Teachers for Research/Learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant.	375
Badruka College of Commerce & Arts, Kachiguda Station Road, Hyderabad.	Students' Aid Fund in the colleges Grant for 1972-73.	2,250
Sri Anantha Padmnabha Arts & Science College, Vikarabad.	Construction of laboratories and Teaching accommodation.	25,000
Andhra Mahila Sabha's Arts & Science College for Women, Hyderabad.	Construction of Non-Resident Student Centre and a Women's Hostel for 10 student.	10,000
Govt. Pingle College for Women, Warrangal.	Students Welfare Programme.	3,000
Arts & Science College, Jogipat, Distt. Medak.	Financial assistance to teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	250
Regional Engineering College, Warrangal.	-do-	250
Vivek Vardhini College, Hyderabad.	Students' Aid Fund in the colleges Grant for 1972-73.	3,750
Nehru Memorial Arts & Science College, Jogipet, Distt. Medak.	Laboratory building - Library facilities - purchase of Laboratory equipment.	Nil.
St. Ann's College of Education, Secunderabad.	Special Grant for Books & Journals Grants to Teachers Training Colleges during the Fourth Plan Period - 1972-73.	8,000
Mumtaz College, Hyderabad.	Book grant for 1970-71.	1,125
A.V. College of Science, Arts & Commerce, Gagen Mahel, Hyderabad.	Construction of Lab. building and extension of library block.	50,000
Mumtaz College, Hyderabad.	Construction of Laboratory Building.	65,000
Nanakram Bhagvandas Science College, Pathargatti, Hyderabad.	College Science Improvement Programme - Selected Colleges Project Grant-in-aid.	80,000

Osmania University (Contd.)

Dr. B.R.R.Govt. Arts & Science College, Jadcherla (AP)	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Sardar Patel College, Secunderabad.	Grants to affiliated colleges - Laboratory equipment and furniture.	55,000
Govt. College, Khamman.	Students Welfare Programme.	3,000
Sri Venkateswara Arts and Science College, Palam, Mahbudnagar.	-do-	2,500
Arts & Science College, Jastial, Distt. Kalmnagar.	Students Aid Fund in the colleges Grant for 1972-73.	2,250
New Science College, Naravanguda.	Construction of Non-Residents Students Centre.	10,000
Evening Law College, Hyderabad.	Purchase of Library Books.	15,000
St. Francis' College for Women, Secunderabad.	Purchase of Laboratory equipment.	5,000
Mumtaz College, Hyderabad.	-do-	1,025.25
Nagarjuna Govt. College, Nalgonda.	Grants to affiliated colleges for Chalkboards.	2,000
Anwar-ul-Uloom College, Hyderabad.	Construction of Laboratory Building - Purchase of Laboratory Equipment and furniture.	1,20,000
Sardar Patel College, Secunderabad, A.P.	Grants to affiliated colleges - purchase of Semi-Micro Analysis.	5,000
Kakatiya Medical College, Warangal.	Students' Aid Fund in the Colleges-Grant for 1972-73.	2,750
Andhra Mahila Sabha, Arts & Science College for Women, Hyderabad.	Grants to college libraries for loan of books to students (Book Back.)	8,000
St. Ann's College of Education, Sarojini Devi Road, Secunderabad.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Regional Engineering College, Warangal.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
C.K.M. Arts & Science College, Warangal.	-do-	500

9,46,881.42

5. Punjab Agricultural University.

Junior Fellowships in Sciences	2,360
Payment of fellowship-honorarium and contingency grant.	
Financial assistance to the University for the employment of trained coaches.	6,000
Junior Research Fellowships in Sciences - Payment of fellowship-honorarium and contingency grant.	3,225.81

Panjab Agricultural University (Contd.)

Visit of Bulgarian Professor Dr. Prokoponov from higher medical institute, Sofia (Bulgaria)).	85.80
Junior Research Fellowships in Science - Extension in Fellowship tenure-Payment of Fellowship to.	1,500
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences-Payment of first instalment of grant.	250

Affiliated Colleges.

College of Veterinary Medicine, Ludhiana.	Junior Research Fellowships in Sciences-Payment off fellowship-honorarium and contingency grant.	3,225.80
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16,643-47

56. Panjab University

Writing off University Level Books/Monographs.	3,450
Cultural Exchange Programme between India and USSR for the year 1971-72.	813.90
Writing off University Level Book on "Physiological Studies on Indian Fungi" under the supervision of Dr. K.S.Thind, Botany Department.	1,481
Diamond Jubilee Session of the Indian Science Congress to be held in Chandigarh for January 3 to 9, 1973.	5,000
Cultural Exchange Programme between India & Ceylone for the year 1972 (Ad-hoc) Visit of Prof. CE Godukumbura, Former Director General of Archaeology, Ceylone.	163.40
Development of postgraduate studies at the Regional Centre - Rohtak - Purchase of Library Books - grant for.	15,000
Publication of Research works including doctoral theses.	15,000
Grant-in-aid for the purchase of books & journals for the Law Department - Fourth Five Year Plan.	10,000
Revision of salary scales in respect of Shri Baldev Raj Talwar.	395.10
Summer Institute in English Language Teaching for college teachers during 1972 - sanction of 5th instalment grant for.	15.90
Centre of Advanced Study in Mathematics Panjab University - Sanction of additional grant under 'Travels'.	13,050
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	500
-do-	250
-do-	250

Punjab University (Contd.)

Hindu College of Education, Sonapat.	Special grant for Books & Journals Grants to Teachers Training Colleges during the Fourth Plan Period - 1972-73.	8,000
D.M. Institute of Education, Moga.	Students' Aid Fund in the Colleges-Grant for 1972-73	750
Govt. College of Education, Chandigarh.	-do-	1,000
Swami Parmanand Mahavidyalaya, Mukarian.	-do-	1,000
Dev Samaj College for Girls (Lahore) Ambala City.	Development of play field and purchase of accessories for games and sports.	1,500
Malwa Central Training College of Education, Ludhiana.	Special Grant for Books & Journals Grants to Teachers Training Colleges during the Fourth Plan Period - 1972-73.	8,000
Satish Public College of Education, Dawari.	-do-	8,000
Hindu Kanya College, Kapurthala.	Students' Aid Fund in the Colleges-Grant for 1972-73.	750
Sikh National College, Charm Kanwal, Danga, Jullundur.	-do-	2,250
Chhotu Ram College of Education, Rohtak.	Grants to Teachers Training Colleges during the Fourth Plan period-Special Grants for equipment and audio-visual aids.	5,000
D.M. College of Education, Moga.	-do-	5,000
Khalsa College for Women, Ludhiana.	Construction of Teachers' Hostel.	25,000
Malwa Central College of Education, Ludhiana.	Grants to Teachers Training Colleges during Fourth Plan period-Special grants for books and journals.	17,000
Vaish College, Bhiwani.	Construction of Non-Resident Students Centre.	30,000
P.G.N. Khalsa College, Ludhiana.	Students' Aid Fund in the Colleges-Grant for 1972-73.	3,750
AV College for Girls, Yamunanagar.	Construction of Library building	30,000
Khalsa College for Women, Ludhiana.	Grant to colleges for laboratory equipment.	1,000
AV College, Bohar.	Construction of Residential flats for Teacher's.	30,000
Guru Nanak College, Taliswaly(Mandi Bahwali).	Construction of Teachers' Hostel.	30,000
All India Jat Houses Memorial College, Rohtak.	For assistance to colleges under the IVth Plan ceiling of Rs. 3 lakhs Construction of Teachers' Hostel.	50,000
Khalsa College, Amritsar.	Students Welfare Programme.	6,000
P.K.S.D. College, Bathal.	Construction of Second Non-Resident Students Centre.	20,000
P.D. College, Anapat.	Book Grant 1970-72.	1,125
Aranya Mahavidyalaya, Peri (Rohtak)	Book Grant (1970-72)	1,125

Panjab University (Contd.)

Arya Girls College, Ambala Cantt.	Construction of Teachers' Hostel.	20,000
Hindu Girls College, Jagadhari.	Purchase of Books & Journals.	750
-do-	Construction of Women's Hostel	15,000
DAV College, Chandigarh.	Construction of Gymnasium by the College under the assistance from University Grants Commission.	45,000
Haryana Mahavidyalaya Beri (Rohtak)	Construction of Library Building	30,000
DAV College, Pundri (Haryana)	Construction of Teaching Accommo- dation under the scheme of Rs. 3, lakhs during IVth Plan period.	20,000
-do-	Construction of Non-Resident Students Centre.	15,000
Rao Birender Singh College of Education, Rewari (Haryana)	Grants to Teachers Training Colleges during Fourth Plan period-Special grants for books and journals.	21,500
Guru Nanak Khalsa College, Karnal.	Book Grant 1970-72.	1,125
Mewat College, Nagina (Gurgaon)	Students' Aid Fund in the Colleges-Grant for 1972-73.	750
Govt. College, Chandigarh.	-do-	3,750
DAV College of Education, Abhor.	Grants to Teachers Training College during Fourth Plan period-Special grants for books and journals.	2,000
Mukandlal National College, Yamunanagar.	Students' Aid Fund in the Colleges-Grant for 1972-73.	4,250
Govt. Evening College, Bahadurgarh.	-do-	1,000
Braj Mandal College, Hodel(Gurgaon).	-do-	1,000
Guru Nanak College, Guru Tegh Bahadur Garh, Distt. Ferozpur.	-do-	4,000
Nehru College, Jhajar.	-do-	2,750
Govt. College, Ludhiana.	-do-	4,250
Haryana War Heroes Memorial College, Sohana.	-do-	1,750
A.I.Jat Heores Memorial College, Rohtak.	-do-	3,750
Govt. College for Women, Chandigarh.	Extension of Women's Hostel & Science Laboratories - under IV Plan ceiling of Rs.3 lakhs.	1,20,000
Malwa College, Bondli-Sambala, Ludhiana.	Students' Aid Fund in the Colleges-Grant for 1972-73.	1,750
DAV College, Chandigarh.	-do-	5,000
M.L.National College, Yamunanagar.	Extension of Non-Resident Students Centre.	15,000
Kamla Memorial College, Narwana.	Construction of Men's Hostel	25,000
Dev Samaj College of Education for Women, Ferozepur City.	Grants to Teachers Training College during the Fourth Plan period.	4,400

Punjab University (Contd.)

R.S.D. College, Ferozepur City.	Students Welfare Programme.	6,000
Dev Samaj Training College for Women, Ferozepur.	Special Grant for Books & Journals- Grants to Teacher's Training Colleges during the Fourth Plan period - 1972-73.	12,000
Rao Birendra Singh College of Education, Rewari(Gurgaon).	-do-	12,000
Guru Nanak College, Guru Teg Bahadur Garh (Distt.Faridkot)	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Guru Nanak Engineering College, Ludhiana.	-do-	2,250
S.D. College, Panipat.	-do-	3,250
Govt. College, Rohtak.	-do-	3,750
Arya Kanya Maha- vidyalaya, Sahabad Markanda,Dist. Karnal.	-do-	750
I.B. College, Panipat.	-do-	2,750
R.K.S.D. College, Kaithal(Haryana).	-do-	3,250
Phagwara College for Women, Phagwara.	Students Welfare Programme.	2,500
Neki Ram Sharma Govt. College, Rohtak.	College Science Improvement Programme - Selected Colleges Project Grant-in-aid.	80,000
Hindu Girls College, Jagadhri,Dist.Ambala.	Students' Aid Fund in the colleges Grant for 1972-73.	1,000
Dasmesh Khalsa College, Muktsar.	-do-	750
Govt. College, Bhiwani.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences-Payment of first instalment of grant.	500
Guru Nanak Khalsa College, Karnal.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Govt. College, Hissar.	Financial assistance to teachers for Research/Learned work in Science and Humanities including Social Sciences - Payment of Second Instalment of grant.	250
Nehru College, Phajjar(Rohtak)	Book Grants for the year 1970-72.	4,875
G.G.N.Khalsa College, Ludhiana.	Construction of 2nd Non-Resident Students Centre - sanction of grant for.	15,000
DAV College, Abohar.	Construction of residential flats for teachers - sanction of grant for.	30,000
S.Govt. College of Science Education & Research, Jagron (Ludhiana) Josan.	S. Govt. College of Science Education & Research, Jagraon- Purchase of Laboratory equipment- sanction of grant for the-	5,000
-do-	Students Welfare Programme	2,000
Govt. College, Mohindergarh.	Students' Aid Fund in the Colleges-Grant for 1972-73.	2,250

Fanjab University (Contd.)

DAV College (Lahore) Ambala City.	Grants to college libraries for loan of books to students (Book Bank).	5,500
Govt. Training College, Faridkot.	Students' Aid Fund in the Colleges Grant for 1972-73.	750
Vaish College of Education, Rohtak.	-do-	750
DAV College for Women, Karnal.	Construction of Library Building.	50,000
M.L.National College, Yamuna Nagar.	Construction of Teachers' Hostel	40,000
D.S.College for Women, Ferozpur City.	Extension of library building.	50,000
S.D.College, Ambala Cantt.	Financial assistance to teachers in the universities and colleges for undertaking research of learned work in Sciences-Payment of first instalment of grant.	250
Vaish College of Education, Rohtak.	Special Grant for Books & Journals Grants to Teachers Training Colleges during the Fourth Plan Period - 1972-73.	8,000
B.P.College of Education, Kanya Gurukul, Khanpur Kalan (Haryana).	-do-	8,000
G.H.G.Harprakash College of Education for Women, Sidhwan Kurd.	-do-	8,000
G.H.G.Harparkash College of Education for Women, Sidhwan Khurd (Ludhiana).	Students' Aid Fund in the Colleges Grant for 1972-73.	750
K.M.College of Education, Bhiwani.	Special Grant for Books & Journals Grants to Teachers Training Colleges during the Fourth Plan Period - 1972-73.	8,000
DAV College of Education, Jhhor.	-do-	8,000
D.M.Institute of Education, Moga.	-do-	8,000
DAV College of Education for Women, Karnal.	-do-	8,000
Sohanlal College of Education, Ambala City.	-do-	8,000
Chhaju Ram College of Education, Hissar.	-do-	8,000
DAV College for Girls, Yamuna Nagar.	Students' Aid Fund in the Colleges Grant for 1972-73.	1,000
Vaish College of Education, Rohtak.	Grants to Teachers Training College during the Fourth Plan period.	5,000
DAV College, Malout(Panjab)	Students' Aid Fund in the Colleges-Grant for 1972-73.	1,750
Christian Medical College, Ludhiana.	Book Grant to Medical Colleges for the period 1970-72.	10,000
Jagdish Chander DAV College, Dasdaya.	Students' Aid Fund in the Colleges-Grant for 1972-73.	1,000

Panjab University (Contd.)

Hindu College, Sonepat.	Construction of Teachers' Hostel on 80:20 basis.	30,000
DAV College for Women, Karnal.	Consturction of Library Building- under the scheme of Rs. 3 lakhs during IVth Plan period.	15,000
Chhoturam Arya College, Sonepat.	Construction of Gymnasium by the College under the assistance from University Grants Commission.	20,000
Khalsa College, Gariniwala(Hoshiarpur)	Purchase of Books & Furniture - under the scheme of Rs. 3 lakhs during IV Plan period.	25,000
Govt. College, Rohtak.	Construction of Non-Resident Students Centre - under the scheme of Rs. 3 lakhs during IV Plan period.	35,000
Dev Samaj College of Education for Women, Ferozepur.	Students' Aid Fund in the Colleges Grant for 1972-73.	1,000
-do-	-do-	2,250
Govt. College, Hissar .	-do-	3,250
Govt. College for Women, Ludhiana.	-do-	2,750
DAV College of Education for Women, Karnal.	Development of Teachers Training Programme in Teachers Training College during the Fourth Plan period.	Nil
G.V.H.G.R.R. College, Charkhi Dadri.	Construction of Gymnasium by the College under the assistance from University Grants Commission.	5,000

12,90,269.14

Patna University

Junior Research Fellowships in Sciences-payment of contingency grant.	970.85
Construction of Extension of Geography department building- Fourth Plan period.	80,000
Establishment of a students home in the University campus.	10,000
Grant-in-aid for holding International Symposium on Geo- Chemistry - sanction of the.	12,000
Senior/Junior Research Fellow- ships in Sciences/Humanities including social sciences/ Research Fellowships in Engin- eering and Technology/Utili- zation of services of retired teachers-payment of contingency grant.	1,000
Establishment of a students home in the University Campus.	15,000

Patna university (Contd.)

Affiliated Colleges

Science College, Patna.	Financial assistance to teachers in the universities & Colleges for undertaking research or learned work in Sciences-Payment of first instalment of grant.	250
D.K.College, Dumraon(Shahbad)Bihar..	Construction of Teaching Accoddmotation.	40,000
-do-	Construction of Non-Resident Students Centre.	5,000
-do-	-do-	5,000
B.N.College, Patna	Construction of Chemistry Block	50,000
		2,19,220-85

58. Poona University

Higher Education and Research- Development Schemes for the Fourth Plan-Recurring Grant.	1,50,000
Centre of Advanced Study in Economics, University of Poona - Grants for the year 1972-73.	8,900
Writing of University Level Book on "Experimental Psychology-A Systematic Introduction" under the supervision of Prof. V.K. Kathurkar.	597
Financial assistance to Teachers for Research/Learned work in Science and Humanities including Social Science-Payment of Second instalment of grant.	250
Higher Education and Research- Development Schemes for the Fourth Plan-Recurring Grant.	70,000
Construction of 4 additional lecturers quarters.	50,000
Symposium on Respiratory Problems in India.	3,000
Writing of University Level Book on "Introduction to Electronics" under the supervision of Shri K.J.M. Rao.	2,000
Grant-in-aid for the Laboratory Workship in Zoology.	1,814
Centre of Advanced Study in Linguistics, University of Poona-Grants for the year 1972-73.	9,000
Purchase of departmental library books and journals (H) & sanction of grants for.	3,000
Seminar in Indian Philosophy- Poverty and Allied concepts and their implications.	1,140
Centre of Advanced Study in Linguistics, Grants for the year 1972-73.	28,500

Poona University (Contd.)

Grant-in-aid for the purchase of Scientific Equipment for Science departments - 4th Plan.	80,000
Cultural Exchange Programme between India and USSR for the year 1971-72	2,009.14
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences-Payment of first instalment of grant.	250

Affiliated Colleges

H.P.T. College, Nasik.	Construction of Women's Hostel- Sanction of grant for.	20,000
Ahmednagar College, Ahmednagar.	Development of postgraduate studies in science subjects in affiliated colleges-Financial assistance by the UGC during the Fourth Plan period.	73,000
Fergusson College, Poona-4.	Students' Aid Fund in the Colleges- Grant for 1972-73.	5,000
P.E.Society's Modern College of Arts, Science and Commerce, Shivaji Nagar, Poona-5.	-do-	2,750
C.D.Jain College of Commerce, Shrirampur (Distt. Ahmednagar.)	-do-	1,000
Ahmednagar College, Ahmednagar.	Award of Scholarship for Postgraduate Studies in Science and Humanities including Social Sciences to the students of Hill Areas of North East India.	2,000
Swami Shahjanand Dharati College of Education, Shrirampur(Dist. Ahmednagar)	Students' Aid Fund in the Colleges Grant for 1972-73.	750
Bhiwani Nijampur Nagarpalika College, Bhiwandi (Dist. Thana).	-do-	1,750
Sangamner Nagar-palika Arts & Commerce and B.N.Narda Science College, Sangamner.	Construction of Residential Flats for Teachers.	40,000
Ahmednagar College, Ahmednagar.	Construction of Teachers' Hostel	50,000
Sangamner Nagar-palika Arts, Commerce & B.N.Sarda Science College, Sangamner.	Construction of Science Laboratory and additional teachers accommodation.	13,000
Pemraj Sarda College Ahmednagar.	Students' Aid Fund in the Colleges Grant for 1972-73.	2,250
Law College, Poona	-do-	2,250
Pratap College, Amaner(Dist. Jalgaon)	-do-	3,750

Poona University (Contd..)

Ahmednagar College, Ahmednagar.	Consstruction of building for college Health Centre.	10,000
Deccan College, P.G. & Research Institute, Poona.	Junior Research Fellowships in Humanities including Social Sciences/Research Fellowships in of IRetired -Payment of fellowship and contingency grant.	2,722.58
College of Educa- tion, Nandurber, (Distt. Dhulia)	Grants to Teachers Training College during the Fourth Plan period - Special grants for books & Journals.	13,000
College of Education Shivaji Nagar, Nasik-2.	Development of Teachers Training Programme in Teachers Training College during the Fourth Plan period.	nil
Maharashtra Association for the Cultivation of Science, Poona-4.	Utilization of services of retired teachers-payment of contingency grant.	261
Shri Shivaji Vidya Prasarak Santha's, Science College, Dhulia.	Development of postgraduate studies in science subjects in affiliated colleges-Financial assistance by the UGC during the Fourth Plan period.	10,000
Nowrosjee Wadhia College, Poona-1.	College Science Improvement Programme-Selected Colleges Project.	50,000
M.E.S.College of Commerce, Kerve Road, Poona-4.	Students' Aid Fund in the Colleges Grant for 1972-73.	4,250
R.K.Talreja College of Arts, Science & Commerce, Ulhasnagar Distt. Thana.	Grants to college libraries for loan of books to students - Book Bank.	4,750
R.N.Chandak Arts J.D.Bytco Commerce & N.S.Chandak Science College, Nasik Road (M.S.).	-do-	3,000
College of Educa- tion, Nandurbar.	Students' Aid Fund in the Colleges Grant for 1972-73.	750
S.N.Arts, Commerce and B.N.Sarda Science College, Sangammer.	Grants to colleges for Students' Welfare Programme.	5,000
College of Educa- tion, Jalgaon.	Special Grant for Books & Journals Grants to Teachers' Training College during the Fourth Plan period - 1972-73.	12,000
Tilak College of Education, Poona-30.	Grants to Teachers Training College during the Fourth Plan period-Special grant for equip- ment and audio-visual aids.	7,500
Mahatma Gandhi Vidyamandir College of Education, Malegaon Camps (Distt. Nasik).	Students' Aid Fund in the Colleges-Grant for 1972-73.	750
Tuljaram Chaturchand College, Baranati.	-do-	2,750

Poona University (Contd.)

P.E.S. Modern College of Arts, Science & Commerce, Shivaji Nagar, Poona.	Grants to college libraries for loan of books to students (Book Bank).	3,250
M.E.S. College of Commerce, Poona-4.	Students Welfare Programme.	5,000
College of Education, Ahmednagar.	Students' Aid Fund in the Colleges-Grant for 1972-73	750
Ahmednagar College, Ahmednagar.	Development of postgraduate studies in science subjects in affiliated colleges-Financial assistance by the UGC during the Fourth Plan period.	35,000
Nowrosjee Wadia College, Poona.	Award of Scholarships for honours studies in Persian during 1972-73.	1,200
R.K. Talreja College of Arts, Science & Commerce, Ulhasnagar 3, Distt. Thana, Ahmednagar College, Ahmednagar.	Students' Aid Fund in the Colleges-Grant for 1972-73.	4,250
	Development of postgraduate Studies in Science subjects in affiliated colleges-Financial assistance by the UGC during the Fourth Plan period-Physics.	8,000

8,12,143.72

Punjab University, Patiala.

	Scheme of Visiting Studentships for 1972-73.	3,000
	Junior Research Fellowships Sciences-Payment of contingency grant.	998.83
	-do-	2,880
	Un-assigned grant 1972-73	15,000
	Grants for the support of research in universities.	20,000

Affiliated Colleges.

Akal College, Sangrur.	Students' Aid Fund in the Colleges	1,000
Patel Memorial National College, Rajpura.	-do-	2,250
Govt. College, Malerkotla	-do-	3,750
DAV College, Bhatinda.	Purchase of Semi-micro equipment	5,000
R.B. Multani Mal Modi Degree College, Patiala	Laboratory Equipment.	3,433
T.P.D. Malwa College, Rampur-Phul.	Book Grants to Colleges	1,125
S.D. College, Barnala	Grants to college libraries for loan of books to students.	3,000
Govt. College, Malerkotla	Purchase of Laboratory Equipments.	4,000
Sh.S.D. Girls College, Bhatinda.	Construction of Women's Hostel	50,000
TPD Malwa College, Rampur Phil.	Students' welfare Programme	489.50
Sh. S.D. Girls College, Bhatinda.	Grants to collegelibraries for loan of books to students.	8,000
Malwa College, Patiala	-do-	8,000
Muhammad Wahid Singh Degree College, Sunam.	-do-	8,000
Govt. College for Women,	-do-	524.85

57. Rabindra Bharati

Purchase of Library books and journals (H)	30,000
Junior Research Fellowship in Science and Humanities - Allocation of funds during '72-73	15,000
Un-assigned grant 1972-73.	10,000
Assistance for setting up of Employment Information cum-Advisory Bureau in universities	6,723
	61,723

58. Rajasthan University

Sixth Rajasthan Economic Conference	2,000
Grant-in-aid towards implementation of leadership Project in Physics under College Science Improvement Programme.	80,000
All Rajasthan Librarian Seminar.	1,400
A National Seminar on "India and the world of sports -Problems - Potentialities and Planning"	3,000
Writing of University Level Books/Monographs (Regarding a book on "Comparative Public Administration" under the supervision of Dr. Ziauddin Khan).	5,758
Scheme of Visiting Studentships for 1972-73	3,000
Grant-in-aid for holding a seminar on 'Co-ordination chemistry research in India.'	13,000
Grant-in-aid for holding the All India Conference of Indian Association for Management Development - Sanction of the	3,000
Grant-in-aid for holding the conference of the Inter-University Council of Commerce Education and Research - sanction of the	3,000
Seminar on 'Indo-Anglian and Commonwealth Literature.'	9,500
VIII Session of Rajasthan History Congress to be held at S.D. Govt. College, Beawar.	2,000
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - first instalment	125
-do-	500
Establishment of Students' Aid Fund in the Universities.	1,760
1972 Summer Institute in English - follow up programme.	10,000
Students' Aid Fund in the Colleges - Grant for 1972-73 -	3,750
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - first instalment	250
-do-	375
-do-	250
-do-	250

Affiliated Colleges

Basic Teachers Training College, (Gandhi Vidya Mandir) Bardarshahr.	Special Grant for Books & Journals-Grants to Teacher's Training Colleges during the Fourth Plan period - 1972-73.	12,000
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Rajasthan Univ.

S.M.B.Govt. College, Nathdwara.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Jawahar Lal Nehru Medical College, Ajmer	-do-	1,000
Government College, Dholpur.	-do-	1,750
Govt. College, Nazirabad.	-do-	750
S.M.KP.Govt. College, Rajasthan.	-do-	2,750
Raj Rishi College, Alwar.	-do-	5,000
Govt. College, Partapgarh.	-do-	750
Seth Motilal College, Jhunjhinu.	-do-	1,750
Jawahar Lal Nehru Teachers' Training College, Kota.	Special Grant for Books & Journals - Grants to Teachers Training Colleges during the Fourth Plan Period - 1972-73.	8,000
Gandhi Shikshak Maha- vidyalaya, Gulebpura	-do-	8,000
Shri Bajrang Teachers Training College, Deob	-do-	3,000
Hitkari Co-operative Women's College of Education, Kota.	-do-	8,000
Govt. College, Jhalwar	Grants to college libraries for loan of books to students - Book Bank.	8,000
Regional College of Education, Ajmer.	Financial Assistance to Teachers for research Learned work in Science and Humanities including Social Sciences - 2nd instalment.	500
-do-	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Govt. College, Shabaura	-do-	750
Seth C.L.Pibani S.D. College, Sri Ganganganagar.	-do-	2,250
Government College, Kotputli.	-do-	2,750
Malaviya Regional Engg. College, Jaipur.	Writing of Book on "Aluminium - The Science & Technology of the Metal and its Alloy" under the supervision of Dr. P.Kumar.	1,530
Govt. College, Kota.	Senior Research Fellowships in Sciences.	3,833.71
Govt. College, Sriganganagar.	Financial Assistance to Teachers for research Learned work in Science and Humanities including Social Sciences - 2nd instalment	500
Govt. College, Bundi	Construction of Library Building.	20,000
Govt. College, Ajmer	Development of postgraduate studies in science subjects in affiliated colleges - during the Fourth Plan period.	30,000
Govt. College, Deona. (Rajasthan)	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - 1st instalment.	250
Shri Swaroop Govind Parsek Teachers' Training College, Jaipur.	Special Grant for Books & Journals - Grants to Teachers Training Colleges during the Fourth Plan Period - 1972-73.	8,000
S.M.S.Medical College, Jaipur.	Travel grant to Dr. Hari Charan, Reader in Ophthalmology of S.M.S. Medical College for attending the Vth Afro-Asian Congress of Ophthalmology at Tokyo from 8th to 15th July, '72.	3,281

Rajasthan Univ.

South Rameshwar Lal Saharia Govt. Degree College, Kaladora.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
Malaviya Regional Engg. College, Jaipur.	Travel grant to Prof. R.M. Advani, Principal, Malaviya Regional Engg. College, Jaipur for attending the 4th Conference on "Fluid Mechanics at Budapest in Sept., 1972.	2,973.50
Maharishi Dayanand College, Sri-Ganganagar.	Construction of Laboratory Building.	15,000
Sophia College for Girls, Ajmer.	Construction of Women's Hostel.	15,000
Govt. College, Nasirabad	Grants to Colleges for Laboratory Equipment.	5,000
S.M.S. Medical College, Jaipur.	Students Welfare Programme.	4,000
Dayanand College, Ajmer	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750
Govt. College, Baran.	-do-	1,750
Govt. College, Tonk.	Grants to colleges for Laboratory Equipment.	5,000
M.S.J. College, Bharatpur.	Purchase of Library Books - under the scheme of Rs. 3 lakhs during IVth Plan period.	-
Maharishi Dayanand College, Sri-Ganganagar.	Construction of Laboratory Building	30,000
-do-	Students' Aid Fund in the Colleges -72-73	1,000
S.D. Govt. College, Beawar.	Junior Research Fellowships in Sciences.	996.20
Savitiri Girls' College, Ajmer.	Students' Aid Fund in the colleges -'72-73.	2,250
Govt. College, Kishangarh.	-do-	1,750
Malaviya Regional Engg. College, Jaipur.	Writing of University Level Book on "Protective Relays and circuit Breakers" under the supervision of Prof. B. Ravindra-nath.	2,448
Govt. College, Kabauli.	Purchase of Laboratory Equipment.	5,000
-do- Ropar.	Purchase of Laboratory Equipment.	5,000
Malaviya Regional Engg. College, Jaipur.	Writing of Book on "Water power Engg." under the supervision of Prof. M.M. Dandekar.	2,607
Govt. College, Dausa.	Students' Aid Fund in the colleges -'72-73.	2,250
Jialal Institute of Education, Ajmer.	-do-	750
College of Education Banasthali Vidyapith, Banasthali.	Grants to Teachers Training College during the Fourth Plan period - Special grants for books and Journals.	10,000
Govt. College, Jhalawar.	Purchase of Laboratory Equipment.	3,870.19
Govt. College, Chittorgarh.	Grants to colleges for Semi-Micro Equipment	4,655.37
Govt. College, Sanbar Lake (Rajasthan).	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Shri Kalyan College, Sikar.	-do-	2,250
Government College, Nook-Ka-Thana.	Book Grant to colleges 1970-72 -	1,375
Govt. Girls College, Bhilwara.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Malviya Regional Engg. College, Jaipur.	Travel granted to Dr. V.L. Talekar, Head of the Physics Deptt. .. for attending the Conference on Inter-action of Electronics to be held at Hungary from 11th Sept., to 15th September, 1972.	2,973.50

Rajasthan Univ. Contd.

Shri Kalyan College, Sikar. (Raj.)	Purchase of Books for 1970-71.	1,374.77
Govt. College, Janswara.	Purchase of Laboratory Equipment.	5,000
Gandhi Shikshak Maha- vidyalaya, Gulabpura.	Grants to Teachers Training colleges during the Fourth Plan period-Special grants for equipment and audio-visual aids.	4,837.70
M.L.V.Govt. College, Bhilwara.	Financial Assistance to Teachers for Research/ Learned work in Science and Humanities in- cluding Social Science - Payment of Second instalment of grant.	375
M.S.J.College, Bharatpur.	-do-	250
Govt. College, Rajgarh	-do-	250
-do- Bhilwara.	-do-	250
Govt. College, Karauli	-do-	375
-do- Ajmer.	-do- first instalment.	250
Maharani Shri Jaya College, Bharatpur.	-do-	250
Govt. College, Karauli.	-do-	250
Govt. Boys College, Sriganganagar.	-do-	450
Govt. College, Nagaur.	-do-	250
Lal Bahadur Shastri College, Jaipur.	-do-	250
S.C.N.Khalsa College, Sri Ganganagar.	-do-	500
Moharaja's College, Jaipur.	-do-	250
Maharajas College, Jaipur.	-do-	250
College of Veterinary & Animal Science, Bikaner.	-do-	250
-do-	-do-	250
Govt. College, Ajmer.	-do-	250

4,26,678.94

Ranchi University

Grant for holding the annual conference Anatomical Society of India -	3,000
Development Schemes during the IV Plan - appointment of additional staff in (H).	2,50,000
Unassigned grant 1972-73.	15,000
Grants-in-aid for the development of Scientific Education and Research - Payment of recurring grant - Fourth Five Year Plan.	1,50,000

Affiliated Colleges

Birla Institute of Technology, Mesra.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
-do-	Financial Assistance to Teachers for Research/ Learned work in Science and Humanities in- cluding Social Sciences - 2nd instalment.	250
Sindge College, Sindge.	Construction of additional teaching accommo- dation.	75,000

Ranchi Univ. Contd.

Govt. Girls Degree College, Bilaspur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
Rangarh College, Rangarh.	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	6,000
Mimala College, Hincio.	Grants to colleges for laboratory equipment.	10,000
Ganesh Lal Agrawal College, Dultonganj.	Construction of Library building.	25,000
Sindri College, Sindri.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Sindri College, Sindri.	Construction of Library Building.	30,000
St. Columba's College, Hazaribagh.	College Science Improvement Programme	60,000
St. Columba's College, Hazaribagh.	Construction of Non-Resident Student Centre	15,000
Tata College, Chhatbase.	Financial Assistance to Teachers in the Universities & Colleges for undertaking research or learned work in Humanities including Social Sciences/Science - Payment of first instalment of grant.	250

6,45,000

60 Ravi Shankar Univ.

	Financial assistance to Teachers in the universities & Colleges for undertaking research or learned work in Humanities including Social Sciences/Sciences - Payment of first instalment of grant.	400
	Construction of teachers' Hostel.	1,00,000
	Construction of Vice-Chancellor's Lodge	10,000
	Establishment of Study Centres.	60,000
	Construction of Science Block - 4th Plan development schemes.	80,000

Affiliated Colleges

Government College, Ambikapur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
Digvijai College, Rajnandgaon.	Book Grant to the college during 1970-71	1,625
C.M. Ruby Post-graduate College, Bilaspur.	Construction of a Library Building - Under the scheme of Rs.31 lakhs during IVth Plan period	40,000
Govt. College, Ambikapur.	Financial Assistance to Teachers for Research/ Learned work in Science and Humanities including Social Sciences - 2nd instalment.	250
Pt. J.L.N. Science & Art's College, Benetara.	Purchase of Laboratory Equipment.	5,000
Chhatbisgarh College, Raipur.	Development of Post-graduate Studies in the Humanities and Social Sciences.	15,000
Govt. Arts & Science College, Durg.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250

Ravi Shankar Univ. Contd.

Karla Devi Mahila Mahavidyalaya, Rainandgaon.	Book Grant for 1970-72.	1,125
N.E.S. Jashpur Mahavidyalaya, Jashpurnagar.	Equipment grant for Anthropological subjects.	3,750
Digvijai Mahavidyalaya, Rainandgaon.	Construction of Library Building, purchase of Library books & furniture under the scheme of Rs. 3 lakhs during IV Plan period.	40,000
C.M. Dubey Postgraduate College, Bilaspur.	Purchase of Laboratory furniture, Library Books & Journals.	20,000
C.M.D. Post-Graduate College, Bilaspur.	Financial assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - 2nd instalment.	250
Kalyan Arts & Commerce College, Raipur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Nutan Arts & Commerce College, Dhanteri.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
S.N.G. College, Hungeeli.	Purchase of Laboratory Equipment.	1,300
Digvijai Mahavidyalaya, Rajnandgaon.	Purchase of Laboratory Equipment.	5,000
G.B. Degree College, Kanker.	Purchase of Laboratory Equipment.	1,300
H.C.S. Law College, Durg.	Grant-in-aid for the purchase of books and journals for the development of teaching and research in law Fourth Five Year Plan.	3,000
Municipal College of Arts and Commerce, Kharsia.	Book Grant to the colleges.	1,125
Durga Mahavidyalaya, Raipur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	5,000
R.C.S. Arts & Commerce College, Durg.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
N.E.S. Jashpur College, Jashpurnagar.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,750
Janjgir Degree College, Janjgir.	Construction of Non-Resident Students Centre.	15,000
Granya Bharati Degree College, Kanker.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Janjgir Degree College, Janjgir.	Grants to college libraries for loan of books to students (Book Bank).	3,250

4,17,120-00

51 Roorkee University

Writing of University Level Book "Solid State Physics under the supervision of Dr. S.K. Joshi.	3,000
Award of junior fellowships of the value of Rs. 250/- p.m. for approved postgraduate courses in Engg. and Technology including Architecture in respect of 127 students admitted in August, 1972.	2,00,000
Additional facilities for Science Departments (Equipment)	5,000

Borooke Univ. Contd.

Payment of recurring grant for the water Resources Development Training Centre during 1972-73.	1,00,000
Introduction of Postgraduate Course in Materlogy equipment (Recurring grant for staff salaries).	829.65
Financial assistance to universities for development of Play fields and purchase of accessories for games and sports.	8,000
Development and consolidation of existing degree courses and increase in intake of Electrical & Mechanical Engg.	17,863
Writing of University Level Book on "Corrosion Engg. under the supervision of Dr. M.N. Saxena.	2,000
Grant-in-aid Postgraduate course in Civil Engineering (Equipment)	10,000
Fellowships in Engineering & Technology.	989.44
-do-	2,640
-do-	3,000
Grant-in-aid for the development of Scientific Education and Research - Purchase of Scientific Equipment for Chemistry department (Basic grant) - 4th Plan.	45,000
Postgraduate Course in Photogrammetric Engg. (Furniture).	6,000
Undergraduate course in Electronics & Communication Engg. (Equipment)	10,000
Writing of University Level Book on "Introduction of Modern Control Systems" under the supervision of Dr. Manohar Lal.	4,000
Writing of University Level Books/Monographs	2,000
Grant-in-aid for Postgraduate Course in Electrical Engg. - Purchase of equipment.	15,000
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences.	500
Payment of first instalment of grant.	
Programme of Exchange of Visits by Younger Scientists between India and U.K. - Dr.P.N. Agarwal, Reader in Earth Quake Engg.	7,186

4,43,008-09

62. Sambalpur Univ.

A course of lecture in Analysis seminar	7,000
Junior Research Fellowship - Release of second instalment for the year 1972-73.	12,500
All Orissa Conference of college teachers in Oriya.	2,000
Assistance for setting up of Employment Information and Advisory Bureau in Universities.	5,298
Construction of 20 Bachelor's flats at University College of Engg. Burla.	1,00,000
IV Plan Development schemes - Additional Staff appointed in Humanities & Social Sciences.	1,00,000

Sambalpur University Contd.

Fourth Plan development schemes - purchase of Scientific Equipment.	1,00,000
Unassigned Grant 1972-73.	15,000
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250

Affiliated Colleges

Panchayat College, Bargarh.	Purchase of Laboratory Equipment.	30,000
Sundargarh College, Sundargarh.	Purchase of Library Books & Journals.	10,000
Kuchinda College, Kuchinda.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Lajpat Rai Law College Sambalpur.	-do-	1,750
Bonaigarh College, Bonaigarh.	-do-	750
-do-	Financial Assistance to Teachers in the Universities & Colleges for undertaking research or learned work in Humanities including Social Sciences/Sciences - Payment of first instalment of grant.	375
Inchal College, Padampur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Govt. Training College Balangir.	Students Welfare Programme.	2,500
Govt. Training College Balangir.	Grants to Teachers Training college during Fourth Plan period-Special grants for books and Journals.	5,000
Govt. Training College Sambalpur.	Special Grant for Books & Journals - Grants to Teachers Training Colleges during the Fourth Plan Period - 1972-73.	8,000
Deogarh College, Deogarh.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Govt. Training College Sambalpur.	-do-	750
Ganga Dhar Mohar College, Sambalpur.	Financial assistance to college for development of Play Fields and purchase of accessories for games and sports.	-
Lajpat Rai Law College Sambalpur.	Grant-in-aid for the purchase of books and journals for the development of teaching and research in Law- Fourth Five Year Plan.	3,000
Govt. Training College, Balangir.	Grants to Teachers Training College during Fourth Plan period - Special grants for books and Journals.	1,000
-do-	-do- Special grants for equipment and audio-visual aids.	4,000
-do-	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Sonepur College, Sonepur.	-do-	750
Jawahar Lal College, Patnagarh.	-do-	750

4,13,673.00

63. Sardar Patel Univ.

Development of Botanical Garden under development schemes of fourth Plan.	6,000
Extension of Printing Press building.	3,000
Payment of Second Instalment of grant under Junior Research Fellowship scheme during 1972-73.	50,000
Purchase of Press Equipment and furniture.	10,000
Grant for purchase of equipment - IV Plan.	2,40,000
Construction of Guest House	20,000
Writing of University Level Book on "Anatomy of some Economic Plants of India" under the supervision of Prof. J.J. Shah.	1,981

Affiliated Colleges

The B.J.V. Mahavidyalaya, V. Vidyanagar.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
H.N. Patel Institute of English, Vallabh Vidyanagar Via Inad.	Special Grant for Books & Journals - Grants to Teachers Training Colleges during the Fourth Plan Period 1972-73.	8,000
T.V. Patel Arts College, Vallabh Vidyanagar.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
H.M. Patel Institute of English, Vallabh Vidyanagar, Karia.	Grants to Teachers Training College during Fourth Plan period - Special grants for books and Journals.	20,000

3,64,481.00

64. Sauger University

Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
-do-	250
Award of Studentships of the value of Rs.150/- per month to the Post-graduate students of Applied Geology Course for 1972-73.	30,000
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences 1st instalment	250
-do-	250
Integrated Research Scheme to study the Deccan Trap of Malwa Region and North of Narmada Valley.	20,000
Programme of Special Assistance to Selected Departments - Deptt. of Anthropology and Sociology.	70,000
Research Fellowships in Engg. & Technology.	2,840
Award of Junior Research Fellowship in Humanities - Payment of Fellowship grant - Smt. Shanti Sivpranab.	10

Saugar Univ. Contd.

	Grant-in-aid for the purchase of books and journals for the Law Deptt. - Fourth Five Year Plan.	15,000
	Senior Research Fellowship in Engg. and Technology - Extension in Fellowship tenure - Payment of fellowship to Shri W.P. Dixit.	1,483.87
<u>Affiliated Colleges</u>		
Arts & Commerce College, Balaghat.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Govt. College, Sibani.	Financial Assistance to Teachers for Research/ Learned work in Science and Humanities including Social Sciences - 2nd instalment.	125
Govt. Degree College, Seoni.	Students' Aid Fund in the colleges - Grant for 1972-73.	1,750
Narmada Mahavidyalaya, Gadawara.	-do-	1,000
Govt. Home Science College, Hoshangabad	-do-	
Kusum Mahavidyalaya, Seoni Malwa.	-do-	750
Chhatrasal Govt. College, Panna.	-do-	1,750
M.C. Memorial College Itarsi.	-do-	1,750
Swami Vivekanand Mahavidyalaya, Doori Kala.	-do-	750
Govt. Post-graduate College, Chhindwara.	-do-	3,250
J.T.S. Mahavidyalaya, (Ex-Govt. Degree College) Balaghat.	Book Grant to the colleges during 70-71.	1,625
Seva Sadan Mahavidyalaya, Burhanpur.	Students Welfare Programme.	4,000
Seifoo Golden Jubilee Quaderia Men's College of Science, Burhanpur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Narmada Mahavidyalaya, Hoshangabad.	-do-	2,250
Govt. Degree College, Damoh.	Grants to college libraries for loan of books to students - Book Bank.	8,000
Thakur Narinjansingh Mahavidyalaya, Octogaon.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Govt. Degree College, Piparia.	-do-	1,000
-do- Damoh.	-do-	1,750
		<hr/> 1,72,583.87 <hr/>

65. Saurashtra Univ.

Construction of Vice-Chancellor's House	6,000
Scheme of Visiting Studentships for 1972-73.	3,000
Financial assistance to universities for development of play fields and purchase of accessories for games and sports.	10,000
Regional conference on Teaching & Research in the Life Sciences to be held on 20-21 December 1972 - sanction of an 'on account' grant.	2,000
Grant-in-aid for the salaries of the additional staff approved for Science departments for the 4th Five Year Plan.	80,000
IV Plan Development Schemes (H) - Appointment of Additional Staff -	60,000

Affiliated Colleges

Madhyamik Shikshan Mahavidyalaya, Bhavanagar.2.	Grants to Teachers Training college during the Fourth Plan period -Special grants for equipment and audio-visual aids.	5,000
Shri N.E.Mohta Trust Maharshi Dayanand Science College, Porbandar.	Grants to Affiliated Colleges for the purchase of Semi-Micro Analysis equipment.	5,000
Maharaja Shree Mahendra Sinhji Science College, Morvi.	Grants to affiliated colleges for the purchase of Semi Micro Analysis equipment.	5,000
Matushri Virbaima Mahila Arts and Science College, Rajkot.	Book Grant to Affiliated Colleges for the year 1970-71.	1,625
Sahu Shriyana Prasad Jain Arts & Commerce College, Dhrangadhra.	Grants to college libraries for loan of books to students (Book Bank).	8,000
Maharaja Sri Mahendrasinhji Science College, Morvi.2.	Students' Aid Fund in the Colleges -1972-73.	1,000
Smt. S.V.Arts and Shri R.V.Commerce College, Rajkot.	-do-	2,250
Sheth H.J.Law College, Bhavnagar.	-do-	750
D.K.V.Arts & Science College, Jamnagar.	Financial assistance to teachers for research learned work in Sciences and Humanities including Social Sciences - Payment of 2nd instalment of grant.	250
K.H.Madhwani Arts & Commerce College, Porbandar.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,750
K.K.Parekh Commerce College, Anreli.	-do-	1,000
Sir P.P.Institute of Science, Bhavnagar	-do-	2,250
Shri U.N. Mehta Arts and H.G.Mehta Law College, Morvi.	Extension of Library facilities.	50,000

Saurashtra Univ. Contd.

Shree Somnath College, Veraval.	Grants to colleges for Students Welfare Programme.	2,500
P.D. Malaviya Graduate Teachers College, Rajkot.	Special Grant for Books & Journals-Grant to Teacher's Training Colleges during the Fourth Plan period - 1972-73	12,000
Dattar Gopal Das Mahavidyalaya, Aliabada.	-do-	12,000
Ramba Graduate Tea- cher's College, Porbandar.	-do-	12,000
M.J. College of Commerce Bhavnagar.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750

2,88,125

Shivaji University

Financial assistance to Universities for the employment of trained coaches.	4,688.99
-do-	10,000
Orientation course for fresh/junior college teachers held during summer '72 3rd and final instalment.	1,155.49
Summer Institute in English Language Teaching for college teachers during 1972 third and final instalment grant.	202.71
Establishment of students homes in the universities - Purchase of books and furniture for the students home.	15,000
Unassigned grant 1972-73.	20,000
Purchase of deptt. library books and journals(H).	25,000
Grant-in-aid for the purchase of books and journals for the Law Department - 4th Five Year Plan.	10,000
Payment of recurring grant towards the salaries of the additional staff appointment for science departments during the Fourth Five Year Plan.	75,000
Purchase of Library Books and Journals - Fourth Five Year Plan period.	50,000
Botanical Garden for the department of Botany at the Shivaji Univ. during the Fourth Plan under development schemes.	3,000

Affiliated Colleges

Jaysingpur College, Jaysingpur.	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	6,000
Shri Panchan Kheraj Mahavidyalaya, Devantwadi.	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Cholapur College of Education, Sholapur.	-do-	750

Shivaji Univ. Contd.

B.P.Bhosale College, Koragaon.	Book Grant to Affiliated Colleges for the year - 1970-71.	625
Aklapur College, Sholapur.	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	6,000
Mudhoji College, Phalton.	Grants to Affiliated colleges for the purchase of Laboratory Equipment.	2,500
College of Commerce Kolhapur.	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,750
Walchand College of Engg., Sangli.	-do-	2,250
Smt. Kasturba Wal- chand College of Arts & Science, Sangli.	-do-	2,750
S.P.K.Mahavidyalaya, Savantwadi.	Grants to college libraries for loan of books to students - Book Bank.	3,213.87
D.P.Bhosale College, Koregaon.	Students' Aid Fund in the Colleges - '72-73.	750
Chintamanrao College of Commerce, Sangli	Grants to college libraries for loan of books to students - Book Bank.	3,250
S.C.N. College, Karad	Grants to affiliated colleges for the purchase of laboratory equipment.	2,500
Arts, Science and Commerce College, Akluj.	Grants to Affiliated colleges for the purchase of Laboratory equipment.	2,500
Science College, Karad.	Grants to Affiliated Colleges for the purchase of Laboratory Equipment.	4,000
Gopal Krishna Gokhale College, Kolhapur.	-do-	10,000
N.K.Patil Sindhadurg Mahavidyalaya, Malvan	Book Grant to Affiliated colleges for the year 1969-70.	750
Govt. College of Education, Ratnagiri.	Students' Aid Fund in the colleges - '72-73.	750
Kamaveer Bhaurao Patil College, Urun-Islampur.	-do-	2,250
Govt. College of Edu- cation, Ratnagiri.	Special Grant for Books & Journals-Grants to Teacher's Training Colleges during the Fourth Plan period - 1972-73.	12,000
Azad College of Edu- cation, Satara.	-do-	12,000
College of Education, Sangli.	-do-	12,000
D.P.D.Dayanand College of Education, Sholapur	-do-	12,000
S.M.T. College of Education, Kolhapur.	-do-	12,000
Dohiwadi College, Dohiwadi.	Students' Aid Fund in the Colleges - '72-73	750
S.G.M.College, Karad	Book Grant to Affiliated Colleges for the year 1970-71.	1,625
Yashwantrao Chavan College, Khatav.	-do-	1,125
S.P.K.Mahavidyalaya, Savantwadi.	-do-	1,375

Shivaji Univ. Contd.

Shivaji Law College, Kolhapur.	Grant-in-aid for the purchase of law books and journals - Fourth Five Year Plan.	2,000
Rajaram College, Kolhapur.4.	Grants to college libraries for loan of books to students (Book Bank)	2,499.81
Barsi College, Barsi.	Grants to colleges for purchase of laboratory Equipment.	3,750
Arts & Commerce College Wai. (Maharashtra).	Grants to affiliated colleges during Fourth Plan - Construction of Additional Teaching Accommodation.	60,000
Azad College of Education, Satara.	Development of Teachers Training Programme in Teachers Training College during the Fourth Plan period.	-
Smt. Kasturbai Walchand College of Arts & Science Sangli. (Maharashtra)	Construction of Additional Teaching Accommodation.	40,000
College of Education, Sangli.	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Willington College, Sangli.	Construction of Teaching Accommodation	40,000
D.S.P.D.College, Sholapur.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
D.B.E.D.College of Arts and Science Sholapur.	-do-	250
D.B.F.Dayanand College of Arts and Science, Sholapur (Maharashtra)	-do-	250
Arts, Science and Commerce College, Sholnagar (Maharashtra)	-do-	250
		4,85,760.87

67. S.N.D.T. WOMEN'S UNIVERSITY

Junior Research Fellowship in Science and Humanities - Release of Second instalment for 1972-73.	12,500
Recurring grant towards the salary of additional staff appointed for science departments under Fourth Plan development schemes.	37,000
Scientific education and research - purchase of equipment for (P.G.) Home Science Department, Bombay - 4th Plan development schemes.	10,000
Purchase of equipment for Central Library - sanction of grant for.	3,360
S.N.D.T. Women's University, 1, Nathibai Thackersey Road, Bombay-20 B.R.	5,187.80
Grant-in-aid for the construction of Home Science (Second Phase) building at Poona - Fourth Plan period.	20,000

AFFILIATED COLLEGES

Shrimati M.M. Shah Mahila College, Surendranagar (Saurashtra).	Book Grant to affiliated colleges for the year.	1,125.
C.C. Mahila Arts College, Visnagar (North Gujarat).	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Smt. Maniben M.P. Shah Women's College of Arts, Matunga, Bombay-19.	-do-	2,250
S. t. Maniben M.P. Shah Women's College of Arts, Bombay-19.	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	6,000

98,172.80

68. SOUTH GUJARAT UNIVERSITY

Higher Education and Research Development Schemes for the Fourth Plan period - Approval and allocation of grants - purchase of books and journals for Science departments.	35,000
Fourth Plan Development Schemes in Humanities and Social Sciences	75,000
Construction of Humanities Block - sanction of grant for -	
Purchase of library books and journals Department of Business and Industrial Administration.	25,000
Purchase of library books and journals (H) - sanction of grant for.	20,000
Purchase of departmental library books and journals (H) - sanction of grant for.	15,000

AFFILIATED COLLEGES

M.S.K. College of Commerce, Broach (Gujarat State)	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
S.K.M. Law College, Tithal Road, Bhujisar (Gujarat).	Grant-in-aid for the purchase of Law books and journals - Fourth Five Year Plan.	1,500

p.t.o.

South Gujarat University, Contd.

S.V. College of Engg. & Technology, Surat-1.	Financial assistance to Shri S.K. Mishra, Research Fellow for attending the XIII International Congress of IUTAM held at Moscow from 21st August to 20th August, 1972.	734
V.S. Patel College of Arts & Science, Bilimora (Surat).	Students' Aid Fund in the Colleges - Grants for 1972-73.	2,250
V.T. Choksi Sarvajani College of Education, Athwa Lines, Surat.	South Gujarat University - V.T. Choksi, Sarvajani College of Education Surat - Orientation course for fresh/Junior colleges teachers held during summer 1972 - sanction of an 'on account' grant for 3rd instalment.	469.13
V.T. Choksi Sarvajani College of Education, Surat (Gujarat).	Special Grant for Books & Journals - Grants to Teachers Training Colleges during the Fourth Plan Period - 1972-73.	12,000
M.S.K. Law College, Broach (Gujarat State).	Students' Aid Fund in the College - Grant for 1972-73.	750
V.S. Patel College of Arts & Science, Bilimora.	Grants to affiliated colleges for the purchase of laboratory.	1,250.53
Shah N.H. Commerce College and J.N. Shroff Arts College, Bular (Gujarat).	Grants to affiliated colleges during IV Plan - construction of additional teaching accommodation.	50,000

2,41,203.66

SRI VENKATESWARA UNIVERSITY

Grant-in-aid for the purchase of books and journals for the Law Department - Fourth Five Year Plan.	25,000
Grants to Universities for development of Teacher Education and Research during the IV Plan period - Request to release the II nd instalment of grant form T.R. 42 - sending of - Regarding Higher Education and Research - Salary of additional staff appointed in Science Departments - Payment of grant for the -	60,000
Holding monthly seminar on Educational problems (three seminars),	3,000
Writing of University Level Book on "History of Telugu Language" under the supervision of Dr. K. Mahadeva Sastri.	371
Purchase of departmental library books and journals (B) - sanction of grant for.	40,000
Establishment of postgraduate centre at Anantapur - Payment of grant towards salary of teaching and non teaching staff - Fourth Five Year Plan.	2,00,000
Grant-in-aid for the purchase of Scientific Equipment - Sri Venkateswara University - Fourth Five Year Plan Scheme.	3,000
Junior Research Fellowships in Sciences - Payment of fellowship - honorarium and contingency grant.	2,000.06
Seminar on Evaluation at the undergraduate level.	2,760

Sri Venkateswara University contd.

Writing of University Level Book on "History of Telugu Language" under the supervision of Dr. K. Mahadeva Sastry.	490
Sri Venkateswara University - Development of Health Centre - Regarding.	25,000
Construction of Students Hostels for Postgraduate Students in Sri Venkateswara University Campus - Payment of Grant.	30,000
Establishment of postgraduate centre at Anantapur - Purchase of books and journals - Release of grant.	30,000
Junior Research Fellowships in Sciences - Payment of fellowship - honorarium and contingency grant.	2,625.81

AFFILIATED COLLEGES

Jawahar Bharati, Kavali (A.P.).	College Science Improvement Programme - Selected Colleges Project - Grant-in-aid.	50,000
Government College for Men, Kumool (A.P.)	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
The Adoni Arts & Science College, Adoni (A.P.).	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	6,000
P.R.B. & V.S. Govt. College, Vidaralur, Nellore Distt. A.P.	Book Grant to colleges - 1970-71	1,125
Jawahar Bharati, Kavali Nellore Distt.	Release of Balance grant.	
The Adoni Arts & Science College, Adoni (A.P.).	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,250
Sri Venkateswara Arts College, Tirupati (Andhra Pradesh).	-do-	2,750
Govt. Arts & Science College, Chittoor (Andhra Pradesh).	Purchase of Semi-micro Analysis Equipment.	4,941.21
Sri Padmavati Women's College, Tirupati.	Purchase of Laboratory Equipment and library books.	20,000
S.V.A. Govt. Arts and Science College, Srikaiahasti (A.P.)	Students Welfare Programme.	4,996.70
T.R.B. Govt. Arts and Science College, Kandukur (A.P.).	-do-	9,000
Sri Sathya Sai Arts & Science College for Women, Anantapur(A.P.).	Purchase of Semi-micro Analysis Equipment.	5,000
Sri Venkateswara Arts College, Tirupati (A.P.).	Development of play fields and purchase of accessories for games and sports.	1,020
T.H.T. Government College, Kandukur (A.P.).	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,250
Sri Padmavati Women's College, Tirupati, Andhra Pradesh.	-do-	2,250
	Grants to college libraries for loan of books to students (Book Bank).	3,164.92

Sri Venkateswara University contd.

Sri Padmavathi Women's College, Andhra Pradesh.	Grants to college libraries for loan of books to students (Book Bank).	3,164.92
P.R.R. & V.S. Government College, Vidavalue, Distt. Nellore (A.P.)	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
S.C.N.R. Government College, Proddatur (A.P.)	-do-	2,250
B.T. College, Madanapalle (A.P.).	Financial Assistance to teachers for research/learned work in Sciences and Humanities including Social Sciences payment of Second instalment of grant.	250
Basant Theosophical College, Madanapalle (A.P.).	-do-	750
-do-	-do-	250
-do-	-do-	250
T.R.R. Govt. College, Kandukur (A.P.).	-do-	250
Govt. Arts College, (A.P.)	Students' Aid Fund in the Colleges - Grant for 1972-73.	3,250
Sri Venkateswara Oriental College, Tirupati.	Book grant for 1970-71.	1,375
Jawahar Bharti, Kavali (Distt. Nellore) A.P.	Purchase of Laboratory Equipment.	1,300
S.V.A. Govt. Arts & Science College, Kalahasi (Andhra Pradesh).	-do-	5,000
Jawahar Bharati, Kavali (Distt. Nellore) A.P.	-do-	1,300
Government College, Chittoor (A.P.).	Financial assistance to teachers in the universities and colleges for undertaking research of learned work in Sciences - Payment of first instalment of grant.	250
-do-	-do-	250
-do-	-do-	250

6,13,984.62

ANDHRA AGRICULTURAL UNIVERSITY

Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
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250

APOLLO UNIVERSITY

Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	500
Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	500

Udaipur University contd.

Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
Award of Scholarships for postgraduate studies in Sanskrit during 1972-73.	1,800

AFFILIATED COLLEGES

Meera Girls College, Udaipur.	Purchase of Laboratory Equipment.	5,000
Udaipur School of Social Work, Udaipur (Rajasthan).	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Vidya Bhavan Govind Ram Sekseria Teachers College, (Rajasthan).	Special Grant for Books & Journals - Grants to Teacher's Training Colleges during the Fourth Plan period - 1972-73.	12,000
Lok Manya Tilak National Teachers Training College, Dabok (Rajasthan).	-do-	8,000
V.B. Rural Institute, Udaipur (Rajasthan).	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	500
		29,200

72. UTKAL UNIVERSITY

Grant for the construction of Botany Block - Fourth Five Year Plan period.	7,242
Junior Research Fellowships in Sciences - Payment of fellowship-honorarium and contingency grant.	3,225.81
Financial assistance to universities for development of Play fields and purchase of accessories for games and sports.	10,000
Junior Research Fellowships in Sciences - Payment of fellowship-honorarium and contingency grant.	2,548.39
Grant-in-aid for the purchase of library books and journals for science departments - Fourth Plan.	30,000
Junior Research Fellowship in Science and Humanities including Social Sciences - Allocation of funds for implementation of scheme during 1972-73.	50,000
Utilization of services of retired teachers-payment of contingency grant.	1,000
Un-assigned Grant 1972-73.	10,000

AFFILIATED COLLEGES

Rainagar College, Bhubaneswar, Distt. Mayurbhanj (Orissa).	Students' Aid Fund in the colleges - Grant for 1972-73.	1,000
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Utkal University contd.

Tavenshaw College, Cuttack (Orissa).	Development of postgraduate studies in science subjects in affiliated colleges - financial assistance by the U.G.C. - Fourth Plan period.	27,000
Framanath Mahavidyalaya, Khurda, Distt. Puri (Orissa).	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,250
Nimanara College, Nimapara, Distt. Puri (Orissa).	-do-	1,750
Ravanshaw College, Cuttack, -do-	College Science Improvement Programme - Selected Colleges Project - Grant-in-aid. Financial Assistance to Teachers for Research/Learned work in Science and Humanities including Social Science - Payment of Second instalment of grant.	60,000 250
Salipur College, Salipur (Orissa).	Grants to college libraries for loan of books to students (Book Bank).	3,250
Khetrabasi D.A.C. College, P.O. Narakarpur, Distt. Puri (Orissa).	Students' Aid Fund in the Colleges - Grant for 1972-73.	750
Dhankanal College, Dhankanal (Orissa).	Assistance for the purchase of Laboratory Equipment.	3,750
Govt. Training College, Angul (Dhankanal) Orissa.	Special Grant for Books & Journals - Grants to Teachers Training Colleges during the Fourth Plan Period - 1972-73.	8,000
Dhankanal College, Dhankanal (Orissa).	Students' Aid Fund in the Colleges - Grant for 1972-73.	2,260
College of Accountancy & Management Studies, Cuttack-7 (Orissa).	-do-	750
Angul College, Angul, Distt. Dhankanal (Orissa).	-do-	2,250
M.C. College, Jaipur (Orissa).	Grants to college libraries for loan of books to students - Book Bank.	3,250
Fakir Mohan College (Evening Shift), Balasore (Orissa).	Students' Aid Fund in the Colleges - Grant for 1972-73.	1,000
Government Training College, Angul, Distt. Dhankanal (Orissa).	-do-	750
Evening Shift Maharaja Parma Chandra College, Baripada (Orissa).	-do-	1,000
M.C. College, Jaipur (Bhubaneswar).	Construction of staff Quarters.	2,13,405.75
Atal Behari College, Basudepur (Orissa).	Construction of Non-Resident students Centre.	40,200
Khetrabasi D.A.C. College, Nirekarpur, P.O. Nirkarpur, Distt. Puri (Orissa).	Financial Assistance to teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	375
Govt. Training College, Angul (Orissa).	Development of Teachers Training Programme in Teachers Training College during the Fourth Plan period.	1,000
Regional College of Education, Bhubaneswar.	Financial Assistance to Teachers in the Universities & Colleges for undertaking research or learned work in Humanities including Social Sciences/ - Payment of first instalment of grant.	250

Utkal University Contd.

Regional College, of Education, Bhubaneswar (Orissa).	Financial Assistance to Teachers in the Universities & College for undertaking research or learned work in Humanities, including Social Sciences/-	250
Anandapur College, Anandapur, Distt. Keonjhar (Orissa).	Payment of first instalment of grant. Construction of Non-Resident Centre.	20,000
P.N. Mahavidyalaya, At.P.O. Khurda, Dist.Puri.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250
Ravenshaw College, Cuttack.	-do-	375

5,09,381.98

73. Vikram University

Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Science - Payment of first instalment of grant.	250
Employment of trained coaches in Universities.	3,000
Un-assigned grant 1972-73.	15,000
Integrated Research Scheme to study the Deccan Trap, the Malwa Region and the Lower Narmada Valley.	3,000
Grant-in-aid for the purchase of books and journals for the Law Department - Fourth Five Year Plan.	10,000
Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	250
Construction of Students Home - Grant for the purchase of books and furniture for the students Home	12,000
Appointment of teaching staff for the Humanities and Social Sciences Departments - release of grant.	60,000

Affiliated Colleges

Government College, Jaora (M.P.)	Book Grant to the colleges.	1,125
Govt. College, Mandsaur (MP)	Purchase of Laboratory furniture	20,000
Govt. College, Kharagone (MP)	Library books & journals.	
Govt. College, Baitan (MP)	Assistance for the purchase of Water Cooler.	1,000
	Financial Assistance to Teachers for Research/Learned work in Science and Humanities including Social Science - Payment of Second instalment.	750
Govt. Engineering College, Ujjain (MP)	-do-	250
Madhav Vidyapeeth Mahavidyalaya, Ujjain.	Financial assistance to college for development of playfields and purchase of accessories for games and sports.	6,000
-do-	Purchase of Laboratory, Library & lecture theatre, furniture and fittings.	10,000
Mahatma Gandhi Smarati Mahavidyalaya, Barnagar, Ujjain, M.P.	Students Aid Fund in the College-Grant for 1972-73	750

Vikram University (Contd.)

Govt. College, Rajgarh (Biaora)	Development of Postgraduate Studies in the Humanities and Social Sciences during the Fourth Plan period.	13,750
Sh. Jammalal Ram lal Kimti Jain Kanya Mahavidyallaya, Rampura (MP)	Book Grant to the colleges.	1,125
Lal Bahadur Shastri College, Serong(MP)	Students Welfare Programme.	1,523.15
Govt. College, Dhar.	-do-	4,000
Madhav Vigyan Mahavidyalaya, Ujjain (MP)	Students' Aid Fund in the Colleges-Grant for 1972-73.	2,250
Madhav Science College, Ujjain.	Financial Assistance to Teachers for research/learned work in Sciences and Humani- ties including Social Sciences Payment of Second instalment of grant.	250
Govt. College, Rajgarh(Biaora) <u>MP</u>	Students' Aid Fund in the Colleges-Grant for 1972-73.	1,000
Madhav College, Ujjain (MP)	-do-	3,750
Govt. Girls College, Ratlam(MP)	-do-	750
Govt. College, Khargone (MP)	Assistance for the purchase of Laboratory Equipment.	12,000
Govt. College, Banwari (MP)	Students' Aid Fund in the Colleges-Grant for 1972-73	1,750
Govt. College, Khargone (MP)	-do-	2,750
Shri Jamanlal Ramlal Kimti Jain Girls Degree College, Rampura (MP)	-do-	750
Govt. College, Ratlam (MP)	Financial Assistance to Teachers for Research/learned work in Science and Humani- ties including Social Sciences - Payment of Second instalment of grant.	250
Shri Harakchand Chordia College, Bhanpura (MP)	Students' Aid Fund in the College-Grant for 1972-73.	750
Govt. College, Mandsaur(MP)	Construction of Sycle Shed	5,000
Govt. College, Khargone (MP)	Construction of Men's Hostel	40,000
Govt. Engineering College, Ujjain(MP)	Financial Assistance to teachers in the universities and colleges for under- taking research or learned work in Sciences-Payment of first instalment of grant.	500

Vikram University (Contd.)

Lockmanya Tilak Science College, Ujjain.	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences-Payment of first instalment of grant.	500
Govt. Degree College, Jhabva	-do-	500
Govt. College, Jaora	-do-	500
Madhav Science College, Ujjain	-do-	500
		<hr/>
		2,37,523.15
		<hr/>

Visva-Bharti

Salary of additional staff in the Faculty of Science - Fourth Plan Development Schemes.	1,80,000
Development Schemes during the IV Plan - Appointment of additional staff in Humanities and Social Sciences departments - grant for.	25,000
Development Schemes during the IVth Plan - Award of Senior Research Fellowship to Dr. D.N. Chaturvedi - grant for.	5,000
Development Schemes - IV Plan Purchase of equipment for Humanities departments (Fine Arts) - grant for.	10,000
Preservation of MSS at Rabindra Bhawana - grant for.	5,000
Development Schemes during the IV Plan - Appointment of additional staff in Humanities and Social Sciences Department - grant for	30,000
Visva Bharati - Expenditure on the salary etc. of Cooks and Helpers for the hostel messes run by the University.	60,000
	<hr/>
	3,15,000.00
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DEEMED UNIVERSITIES

Birla Institute of Technology & Science

Financial assistance to universities for development of play fields and purchase of accessories for games and sports.	8,000
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Birla Institute of Technology & Science (Contd.)

Grant for the support of research in universities Fourth Plan period.	35,000
Re-Organisation of Degree Course in Pharmacy - Equipment library and audiovisual aid.	25,395
Introduction of postgraduate courses in Engineering and Technology - Equipment	16,500
Purchase of library books and journals (humani- ties) - sanction of grant for.	7,500
Expansion of Birla College of engineering under the Ghosh Chandrakant report - Equipment.	11,000
Unassigned grant for 1971-72.	3,253.58
Basic grants for the purchase of library books and journals for the development of Engineering & Technology Education - 4th plan period.	6,500
Payment of recurring grant for the development of postgraduate courses in Engineering and Technology.	1,25,000
Writing of Book on "Finite Topologies" under the supervision of Prof. V. Krishnamurthy.	340
Financial Assistance to Teachers for Research/ Learned work in Science Humanities including Social Sciences - Payment of Second instalment of grant.	132.77
Financial assistance to teachers in the universi- ties and colleges for undertaking research or learned work in Sciences-Payment of first instal- ment of grant.	250
	<hr/>
	2,38,871-35

76. Gujarat Vidyapith

Workshop-type conference on "Education and Productivity."	3,000
Golden Jubilee grant - construction of Administrative Block.	10,000
-do-	10,000
Golden Jubilee Grant - Construction of Udyog Mandir.	7,018.0
Construction of Teacher's Hostel (IInd Block)	20,000
Purchase of Library Books and Journals (H) - sanction of grant for.	25,000
Development of Scientific Education and Research - Approval of grants for the fourth plan period for Basic Science Education Institute.	40,000
Establishment of Printing Press.	50,000
Golden Jubilee Grant - Construction of First Floor of Experimental Basic School at Gujarat Vidyapith.	40,000
Grants to Education Department of the University during the Fourth Plan period-Special grants for books and journals.	1,966.8
	<hr/>
	2,06,984.91

77. Gurukul Kangri Vishwavidyalaya

Construction of extension to Ved and Arts College building - regarding.	1,00,000
Junior Research Fellowships in Humanities including Social Sciences * payment of fellowship-honorarium and contingency grant.	3,370.97
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Sciences - Payment of first instalment of grant.	250

1,03,620-97

78. Indian Institute of Science

Grant-in-aid for the development of Engineering and Technology Education-Quinquennium Scheme.	65,000
Utilization of Services of Retired Teachers - Extension of Award -	2,033.33
Indian Institute of Science - Seminar on unsolved Problems in Theoretical Physics - payment of grant - regarding.	39,489.12
Senior/Junior Research Fellowships in Sciences/Humanities including Social Sciences/Research Fellowships in Engineering & Technology/Utilization of Services of Retired Teachers - Payment of fellowship-honorarium and contingency grant.	3,600

-do-	3,613.33
-do-	3,706.67
-do-	3,706.67

1,21,149-12

79. Indian School of Mines

Grant-in-aid for purchase of books and journals for all departments except geophysics department at Indian School of Mines, Dhanbad during IV plan.	30,000
-do-	30,000
Payment of recurring grant for the department of Geophysics in the Indian School of Mines, Dhanbad, IV plan	15,000
Grant-in-aid for purchase of equipment for the department of Geophysics in the Indian School of Mines, Dhanbad - IV plan.	25,000
Payment of recurring grant for pay of staff for all the departments (except geophysics, Indian School of Mines, Dhanbad during IV Plan.	10,000

1,10,000-00

80. Jamia Millia Islamia

Construction of om extension to the teacher's college - release of grant.	30,000
Construction of Teacher's Hostel	30,000
Payment of recurring grant towards the salary of staff in Science departments.	50,000
	1,10,000-00

81. Kashi Vidyapith

Students Amenities - Book Loan Programme	2,000
-do-	2,000
Construction of Cycle - Shed - sanction of grant for	5,000
Students Amenities - Improvement of Facilities in Hostel.	25,000
Purchase of Library Books and Journals (H) sanction of grant for.	20,000
Studies and Research in Community Department Cooperation & Panchayati Raj-Holding a Seminar.	748.32
Construction of Social Work college building under the 3rd Plan period scheme.	15,000
Junior Research Fellowship in Humanities and Social Science implementation of Scheme - 1972-73.	2,629.0
Purchase of equipment for the department of Psychology - sanction of grant for.	8,000
Purchase of Library Books and Journals (Humanities) - Sanction of grant for.	10,000
	90,377.32

82. Tata Institute of Social Sciences

Publication of research works including Doctoral theses.	12,000
Grant for the award of Senior and Junior Research Fellowships in Humanities and Social Sciences.	2,000
Payment of grant towards the visit of Dr. (Miss) Eileen Youngusband at the Institute from 18th to 30th November, 1970.	71.7
	14,071.74

83. Indian Institute of Technology Kharagpur.

Writing of University Level Books/Monographs.	764
	764

Total Plan..... 4,64,15,181.40

N O N P L A N

Aligarh Muslim Univ.

Maintenance Grant for 1972-73.	36,25,000
Interim Relief Payment of grant for 1972-73 for the.	4,81,500
Maintenance Grant for 1972-73.	-20,00,000
	<u>61,06,500</u>

B.H. University

Maintenance Grant for 1972-73.	<u>72,50,000</u>
	<u>72,50,000</u>

Delhi University

Maintenance Grant for 1972-73.	<u>34,75,000</u>
	<u>34,75,000</u>

Visva-Bharati

Maintenance Grant for 1972-73.	17,15,000
Interim Relief - Payment of grant for 1972-73 for the.	59,000
	<u>17,74,000</u>

Total Non-Plan	<u>1,86,05,500</u>
Total Plan	4,64,15,181.40
Total Non-Plan	<u>1,86,05,500.00</u>
Grand Total (Plan + Non-Plan)	<u>6,50,20,681.40</u>

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

REVISED

Meeting:

Dated: 7th-8th Feb. '73

Item No.4: Statement of expenditure incurred by University Grants Commission during the year 1972-73 (upto 31.1.1973).

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Section I Non-plan	Budget 72-73	Expenditure upto 31.1.1973
A. Administration Charges	40,00,000	31,72,568
B. Block grants to Central Universities.	7,56,00,000	7,40,46,500
C. Maintenance grants to Constituent/affiliated colleges of Delhi Univ.	2,51,75,000	2,51,70,082
D. Grants to Central Universities for schemes not covered under Block grants.	34,00,000	9,96,500
Total Section I Non-Plan Projects.	<u>10,81,75,000</u>	<u>10,33,85,650</u>
<u>Section II Plan Projects.</u>		
A. Grants to Universities for Humanities.	2,05,00,000	1,87,07,558 .X. 50,770
B. Grants to Universities for Science.	3,30,00,000	3,23,37,487 .X. 1,39,86,069
C. Grants to Universities for Engg. & Technological Education.	2,00,00,000	1,44,94,414 .X. 219
D. Grants to Constituent/affiliated colleges.	10,00,00,000	6,24,68,270 .X. 6,06,450
E. Grants to Universities for Misc. Schemes.	7,86,60,000	5,00,77,472 .X. 50,35,343
F. Miscellaneous Expenditure incurred by UGC on Seminars/conferences/Honoraria etc.	28,40,000	10,16,625
Purchase of Unesco Coupon Dollar Loan Scheme	-	3,26,340 <u>1,70,74,903</u>
Total Section II Plan Projects:	<u>25,50,00,000</u>	<u>19,65,03,069</u> .X. 1,96,78,851
Total Section I & II	<u>36,31,75,000</u>	<u>29,98,88,719</u> .X. 1,96,78,851

.X. By Adjustment

P.T.O.

Section III Expenditure out of grants received from Government of India and other sources for specific purposes:

i)	Evaluation of books	27,830
ii)	Grants to Universities for organising Summer Institutes for School teachers (out of contribution received from N.C.E.R.T.).	67,241
iii)	Fellows for writing of Books.	7,58,029 @ 22,705
iv)	<u>National Sports Organisation</u>	
	a) Construction of Gymnasium	14,76,750
	b) Play fields.	16,69,317
v)	Aurbindo Memorial Lectures.	5,937
	Total Section II	40,27,809
	Total I, II & III	30,39,16,528 X. 1,96,78,851

Section IV - Deposits and Advances

i)	Conveyance Advance	83,440
ii)	Festival Advance	14,900
iii)	House Building Advance	71,248
iv)	Advance to UGC Deptt. Canteen	1,000
	Total Section IV	1,70,588

Expenditure during 1971-72 upto 31.1.72 was as under:-

Expenditure Upto 31st Jan. 1972

Section I Non-Plan Project	10,11,74,376
Section III Plan Projects.	17,73,42,554
	27,85,16,930

@ Administration Charges
X. By Adjustment

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated : 7th February, 1973

Item No. 5:

To receive the minutes of the third meeting of the Steering Committee of the Conference on Mathematics Education and Research held on 19th December, 1972.

The third meeting of the Steering Committee for the Conference on Mathematics Education and Research was held on 19th December, 1972 in the office of the University Grants Commission. The following were present:-

1. Prof. R.P. Dambah
Punjab University. Convener
2. Prof. Harish Chandra,
Institute of Advanced
Study, Princeton. By special
invitation
3. Prof. K.G. Ramanathan,
Tata Institute of Fundamental
Research, Bombay.
4. Dr. J.N. Kapur,
Vice-Chancellor,
Meerut University.
5. Prof. U.N. Singh,
Delhi University.
6. Prof. D.K. Sinha, Jadavpur University
7. Prof. V. Krishnamurthy
B.I.T.S., Pilani.
8. Prof. V.S. Hazurbazar,
Bona University.
9. Prof. M.K. Singhal
Meerut University.
10. Prof. K.D. Athroya,
Indian Institute of Science,
Bangalore.
11. Prof. M.S. Raghunathan,
Tata Institute of Fundamental
Research, Bombay.
12. Dr. M.D. Deshpande,
Joint Secretary,
U.G.C.
13. Dr. T.N. Hajela,
Education Officer,
U.G.C.

The minutes of the meeting, attached as (Annexure) are placed before the Commission for information.

DO (FE)/JS(II)

UNIVERSITY GRANTS COMMISSION

Minutes of the 3rd meeting of the Steering Committee
for the Conference on Mathematics Education & Research.

The 3rd meeting of the Steering Committee for the Conference on Mathematics Education and Research was held on 19th December, 1972 in the office of the University Grants Commission. The following were present:-

1. Prof. R.P. Banbah, Convener
Panjab University.
2. Prof. Harish Chandra By special invitation
Institute of Advanced Study,
Princeton.
3. Prof. K.G. Ramanathan,
Tata Institute of Fundamental
Research, Bombay.
4. Dr. J.N. Kapur,
Vice-Chancellor,
Meerut University.
5. Prof. U.H. Singh,
Delhi University.
6. Prof. D.K. Sinha,
Jadavpur University.
7. Prof. V. Krishnamurthy,
B.I.T.S., Pilani.
8. Prof. V.S. Huzurbazar,
Poona University.
9. Prof. M.K. Singhal,
Meerut University.
10. Prof. K.B. Acharya,
Indian Institute of Science,
Bangalore.
11. Prof. M.S. Raghunathan,
Tata Institute of Fundamental
Research, Bombay.
12. Dr. R.D. Deshpande,
Joint Secretary,
U.G.C.
13. Dr. T.N. Hujala,
Education Officer,
U.G.C.

Professor M. Venkataraman, Madurai University, Prof. P.L. Bhatnagar, Himachal Pradesh University, Prof. B.L. Sethi, B.I.T.S., Ranchi and Professor M.P. Singh, I.I.T., New Delhi could not attend the meeting.

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On behalf of the Commission and the Steering Committee Professor Bambah extended cordial greetings to Professor Harish Chandra and thanked him for sparing his valuable time to have exchange of views with the Steering Committee members. Professor Bambah specifically invited suggestions from Professor Harish Chandra for the improvement of Mathematics education and research in Indian universities. Professor Harish Chandra stressed the need for strengthening teaching and research in three fields viz. Analysis, Algebra and Geometry. Unless intensive courses in these important fields are offered at the undergraduate and postgraduate levels, it would be difficult in future for Indian mathematicians, to make any significant contributions in the frontier areas of mathematics. He made a reference to the excellent work being done by one of country's foremost institutions viz. the TIFR in mathematics and expressed his view that the TIFR should work closely with the mathematicians in universities and university-type institutions like the I.I.Ts. It would be necessary, in his opinion, for the TIFR to take initiative in developing cooperative links since in past the response to the universities from the TIFR was not very encouraging. In order that Indian Mathematics can retain its viability he felt that suitable steps be devised for attracting top ranking Indian mathematicians studying abroad to join Indian universities. In this connection, he suggested the formation of a small committee of reputed Indian mathematicians who could serve as a point of contact between those mathematicians at present residing abroad and who are aspiring to take up positions in the Indian universities. The Committee will have no formal powers but the composition of the committee would be such that its recommendations would carry a considerable weight. The Committee could follow the well accepted procedure of screening the bio-datas of such mathematicians who desire to return to India and make their recommendations known to all the interested institutions in the country. Professor Harish Chandra agreed to contribute a paper elaborating suggestions in this regard for consideration of the Conference. He also agreed to write a note on mathematical education at the postgraduate level.

The Committee then received a report from Dr. Hiobert regarding the brief particulars about the composition of the US Delegation. He mentioned that 13 US mathematicians have already confirmed their willingness to participate in the Conference and replies from two were awaited. Dr. Hiobert would communicate to the Steering Committee very shortly the names of all US delegates. He mentioned that US Delegation would be headed by Professor Marshal Stone. The US Steering Committee had already given considerable thought to the working papers to be contributed by the American Mathematicians for discussion at the Conference.

The Steering Committee noted the action taken by the Commission's office on various decisions at its earlier meetings. The Committee desired that regular reminders may be sent to the contributors so that coordinators can complete their assignments latest by 15th February, 1973.

The Committee noted with satisfaction that necessary action in regard to the organisation of summer institute for talented students was being taken up by the Commission's office. It was decided that the committee consisting of Professor Athreya, Professor Raghunathan, Professor V. Krishnamurthy, Professor Singhal and Professor Luthar of Chandigarh may be constituted to discuss with Professor P.L. Bhatnagar the objectives of the summer institute and the course content. The Committee desired that this may be discussed with Professor Bhatnagar

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at the meeting of the Indian Mathematical Society to be held at Bhopal.

The Committee appreciated the decision of the Commission for enlarging the size of Indian Delegation so as to include 15 young mathematicians. It was agreed that the members of the Steering Committee be requested to send their suggestions regarding the persons who could be included in the list of invitees. The Committee recommended that this information may be obtained by the UGC's office latest by 31st Dec., 1972.

At the request of the Committee, Professor Sinha agreed to furnish working paper giving information regarding the equipment opportunities to mathematics students compiled on the basis of the replies received in response to the questionnaire circulated by him.

The Steering Committee noted that the ICETO has agreed to send Dr. Bryan Wilson and Professor Bajpai for participation in the Conference. The British Council were also examining separately the question of deputing one or two British Mathematicians out of the list suggested by the Steering Committee.

The Committee accepted the suggestion of Professor G.H. Ramchandran for inviting Dr. V.S.R. Rao of the Centre of Advanced Study in Physics, University of Madras for participation in the Mathematics Conference. It was decided that the next meeting of the Steering Committee may be held on 19th January, 1973 in the UGC's office.

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Kupahi

Confidential:

University Grants Commission

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(5)

Meeting;

Dated: 7th February, 1973

Item No. 8: To receive the minutes of the third meeting of the Committee on the Effective Utilisation and Maintenance of Scientific Equipment in Universities and Colleges and to look after the Training Programmes for Laboratory and workshop Technicians held on 16th Dec., 1972.

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The third meeting of the Committee on the Effective Utilisation and Maintenance of Scientific Equipment in Universities and to look after the Training Programmes for Laboratory and Workshop Technicians was held on Saturday the 16th December 1972 in the Office of the University Grants Commission. The following were present at the meeting:-

Prof. F.C. Auluck
Delhi University

Dr. S.K. Mangal
Central Scientific
Instruments Organisation
Chandigarh

Dr. Lancelot Pereira
St. Xavier's College,
Bombay

Prof. M.S. Kannungo
Banaras Hindu University

Prof. K. Pampapathi Rao
Bangalore University

Prof. M.R. Phiday
Poona University

Dr. R.D. Deshpande
Joint Secretary,
University Grants Commission,

The minutes of the meeting, attached as Annexure are placed before the Commission for information.

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Minutes of the meeting of the Committee on the effective utilisation and maintenance of specialised scientific equipment in universities and to look after the training Programmes for laboratory and workshop technicians.

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The third meeting of the Committee on the effective utilisation and maintenance of scientific equipment in universities and to look after the training programmes for laboratory and workshop technicians was held on Saturday the 16th December 1972 at 10.30 A.M. in the office of the University Grants Commission. The meeting was attended by the following:-

Prof.F.C.Auluck
Delhi University

Prof.M.S.Kanungo
Banaras Hindu University

Dr.S.K.Mangal
Central Scientific
Instruments Organisation
Chandigarh

Prof.K.Pampathi Rao
Bangalore University

Dr.Lancelot Pereira
St.Xavier's College,
Bombay

Prof.M.R.Ehday
Poona University

Dr.R.D.Deshpande
Joint Secretary,
University Grants Commission,

Prof.C.Mande, Nagpur University, Prof.C.N.R.Rao, Indian Institute of Technology, Kanpur, Dr.K.Sampath, Indian Institute of Technology, Madras, Dr.Gurubux Singh, Banaras Hindu University, Dr.M.R.N.Prasad, Delhi University, Dr.W.Rehman, Aligarh Muslim University and Prof.S.Chandersekhar, Raman Research Institute, Bangalore, could not attend the meeting. The Committee was chaired by Prof. F.C.Auluck.

The Committee approved the minutes of the second meeting held on 9th November, 1972. There was some discussion regarding the objectives and the course-content of the programme in the light of the note prepared by Dr.S.K. Mangal. It was agreed that the note may be circulated to the co-ordinators of their programmes and they may be requested to send the required write-ups latest by 5th of January, 1973. The Committee desired that the co-ordinators may be requested to attend the meeting of the Advisory Committee on 15th January 1973 when the write-ups furnished by them could be discussed in depth by the Committee. The Committee also desired that UGC office may circulate these write-ups well in advance so as to enable Committee members to make meaningful use of the same during their discussions. It was noted that detailed write-ups have so far been received from Prof.Harishankar, Indian Institute of Science, Bangalore, and Dr.Mangal.

The Committee approved the proforma drawn for the survey of scientific and technical instruments for research and desired that this may be circulate to the University departments and Postgraduate colleges so that the existing position as well as the projected needs regarding the instruments could be included in the report to be finalised

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by the end of the current financial year.

As in the case of the summer institutes, the Committee desired that a brochure may be brought out giving the details of the training courses at various centres. It was recommended that since scope of the programmes at various centres would differ according to the nature of facilities available, the enrolment at all centres should be on an all-India basis. The number of participants at each centre should not preferably exceed 20. This number, according to the Committee, would form a cohesive group and would enable meaningful inter-action between the faculty members and the technicians.

The Committee generally agreed that the norms applicable to Summer Institutes Programme may be applicable to these training programmes also. However, the Committee recommended that a provision of Rs.5,000/- to Rs.10,000/- per centre may be made for acquisition of spare parts and accessories for the use of trainees. The title of the spare parts etc., may rest with the department concerned or may be transferred to the department deputing the trainee with prior approval of the Commission. The Committee desired that the next meeting may be held on 15th of January, 1973.

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University Grants Commission.



Meeting :

Dated : February 7, 1973.

Item No. 377 To receive a summary of the report on the Southern Regional Conference on teaching and research in life sciences held at Bangalore on 18th and 19th November, 1972.

While accepting the recommendations made by the Bi-National Conference on teaching and research in life sciences held in 1971, the University Grants Commission decided to hold four regional conferences in the country to enable a larger number of teachers and research workers in life sciences in various universities and colleges all over the country to discuss the ideas contained in the Report of the Bi-National Conference. In pursuance of this decision, the first conference for the southern region was held at Bangalore on 18th and 19th November, 1972 under the convenorship of Professor K. Ramapathi Rao, Head of the Department of Life Sciences, Bangalore University. The other three conferences - for the northern region at Delhi, for the eastern region at Calcutta and for the western region at Rajkot - have also been organised and their reports will be placed before the Commission in due course.

A summary of the report on the Southern Regional Conference in life sciences held at Bangalore is given in the following paragraphs :

1. The Conference was attended by about 50 delegates. It was inaugurated by Professor V. K. Gokak, former Vice Chancellor of the Bangalore University and the inaugural session was presided over by Professor B. R. Seshachar, the then President of the Indian National Science Academy.
2. The following specific areas received pointed attention of the delegates : (i) Evaluation (ii) Curriculum Reform (iii) Ph.D. Programme (iv) Goals and Status of Biological Research and (v) Problems of Administration of Biology Departments.
3. Broadly speaking, the recommendations made by the Bi-National Conference were strongly supported and upheld. However, the more important recommendations of the Regional Conference on each of the areas mentioned above are given below :
 - a) The Conference welcomed the idea of introducing a general purpose B.Sc. degree as the first university degree and recommended that the University Grants Commission should promote this idea and urge the universities to implement it.
 - b) It was agreed that the administrative heads at the State and the University levels should be exposed to the new thinking contained in the reports of the various Bi-national Conferences and the Regional Conferences, without which the future of science teaching and research in our country cannot be brightened. The U.G.C. should find ways to bring them together on a regional or a national basis to consider the recommendations of the Bi-National Conference.

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- a) The U.G.C. should help the formation of regional organisations of biology teachers which is a dire need under the present circumstances.
- d) The Conference strongly endorsed the need for a journal of Biology education and desired that this idea may be explored further.
- e) The Summer Institute programme may be re-examined and re-oriented to meet the new needs for the exposure of the Biology teachers to these new ideas.
- f) The individual work done by a teacher may be periodically assessed and such an assessment should form the basis for introducing the idea of merit promotions. This practice is already being followed in the Central universities and needs to be introduced in the State universities.
- g) Central instrumentation workshops may be started in as many university centres as possible.
- h) The Conference recommended the creation of certain major national research facilities, for example, a fully equipped ocean-going research vessel in any one of the universities on the East or West coast of India, and desired that similar national facilities requiring relatively large funding should be identified by the U.G.C. and facilities created as the need arises, on national basis. The Conference also recommended the establishment of a good biological research unit in one of the hill stations for the study of biological problems at high altitudes and the establishment of an institute of experimental biology for providing facilities for inter-disciplinary research in Biology.
- i) For the stimulation and coordination of inter-disciplinary research, the Conference recommended the creation of a post of Dean of Research & Development in the universities. The person to be appointed on the post must be a senior member of the faculty and should hold office for a period of not more than 5 years.
- j) An arrangement may be worked out in which different universities having expertise in specialised areas may offer training facilities to students and teachers from other universities in different fields of research.
- k) The U.G.C. may be requested to draw up a comprehensive list of areas of research in different fields of Biology in the different universities and initiate a dialogue with the grant-giving agencies for mobilising funds for research.
- l) In order to facilitate the optimum utilisation of scientific equipment and library facilities within a given region, it was suggested that each university department should draw up a list of specialised equipment, facilities and journals available and circulate it extensively among the institutions in that region.

- m) Joint research projects between universities and National Laboratories or the industry may be explored wherever possible.
- n) The idea of a proposal grant system for supporting basic research in the universities by the U.G.C. was strongly recommended by the Conference.
- o) For making useful changes in the curriculum from time to time a permanent cell in the U.G.C. should be set up with personnel of different age-groups drawn from the different institutions. This would greatly help those universities which are eager to modernise their curricula and teaching methods.
- p) The Conference recommended that internal assessment should be the chief method of evaluation at the postgraduate level. However, as far as the postgraduate level is concerned, only a beginning could be made for internal assessment. To bring this into effect the Conference suggested that four regional committees be set up by the U.G.C. with a chairman to go into the details of internal assessment and the feasibility of introducing it at the undergraduate level. The Conference also recommended that summer institutes to train teachers in evaluation techniques may be organised and financial assistance and expertise may be provided for undergraduate institutions desirous of introducing internal assessment as a method of evaluation. The Conference endorsed the recommendation of the Bi-National Conference regarding the institution of an optional national examination on the lines of the graduate record examination in the U. S. A.
- q) While accepting the recommendations of the Bi-National Conference, the Southern Regional Conference recommended that the U.G.C. in collaboration with the Inter-University Board, the I.N.S.A. etc. should evolve a suitable machinery for the development of an accreditation system for the Ph.D. programmes and other research and academic programmes of any organisation including the universities within the country.
- r) The U.G.C. may set up a Standing Committee to be charged with the continuing responsibility for promotion and implementation of the recommendations of the Conference.

The following are some of the recommendations of specific interest to the different areas, made by the Conference :

I. Evaluation :

The recommendations of the Bi-National Conference

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were generally endorsed. Regarding teacher evaluation, the Conference did not think it desirable to have a student evaluation of the teacher and agreed that self-evaluation by the members of faculty as it happens in the IITs may be desirable. Regarding evaluation of the Ph.D. thesis it was agreed that this should be done by examiners other than the supervisor. The Supervisor may be associated with the viva voce part of the examination.

II. Curriculum Reform :

As already stated, the introduction of a general B.Sc. degree course was strongly supported.

III. Ph. D. Programme :

While accepting the recommendations made by the Bi-National Conference, the Southern Regional Conference emphasised the following points :

- i) There should be freedom for persons to change from one field of specialisation to another while registering for the Ph.D. degree. However, necessary academic assistance must be provided to such candidates in the form of relevant course work, organised either in the concerned department itself or on an inter-departmental basis ;
- ii) Post M.Sc. Diploma or certificate courses of a duration of 6 to 12 months, primarily for the benefit of the students planning to enter the Ph.D. programme may be organised.

IV. Biological Research :

- i) In addition to the areas listed in the report of the Bi-National Conference, some new areas were also recognised by the Conference as relevant from the national point of view viz. Immunoserology, Aerobiology, Regional Taxonomy.
- ii) Separate departments may be provided for the university curricula for the teaching and research in Genetics and Experimental Physiology. The orientation of such departments should have relevance to agriculture, medicine, plant and animal breeding etc.
- iii) The existing exchange programmes should be augmented to allow free flow of research workers between universities.
- iv) Regional laboratories must be established in areas where they are non-existent.

V. Problems of Administration :

- i) The Chairman of the Department may be appointed for a period of 3 to 5 years and the healthy system of rotation be implemented at an early date.

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ii) Recruitment to staff positions in the Biology departments be made by the Staff Council of the Department or by the faculty by co-opting members from other departments under the chairmanship of the Biology department. Such recruitment may be made on a contract basis of 5 years.

iii) The Conference considered the inbreeding in staff appointments in the universities as highly detrimental to the academic progress of the institutions and recommended that opportunities be created to make recruitment policies more open and wide.

A summary of the Report of the Southern Regional Conference on Teaching and Research in Life Sciences held at Bangalore on 18th and 19th November, 1972 is placed before the Commission.

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UNIVERSITY GRANTS COMMISSION

Meeting:

Dated : 7th February, 1973

Item No. 8: To receive a note regarding setting up of an Institution of Physics at Bhubaneswar by Orissa State Government.

The Commission at its meeting held on 2nd September, 1970 considered a proposal received from the Orissa Government for the establishment of an Institute of Physics at Bhubaneswar and recognised the need and importance to strengthen teaching and research in Physics and desired that the matter may be examined by an expert committee in consultation with the Utkal University and the State Government keeping in view the resources. Likely to be available for the purpose. As desired by the Commission, a Committee consisting of the following members was appointed for this purpose:-

1. Prof. A.R. Vora, Director, National Physical Laboratory of Technology, Kanpur.
2. Prof. J. Mahanty, Professor of Physics, Indian Institute of Technology, Kanpur.
3. Prof. B.M. Udgaonkar, Tata Institute of Fundamental Research, Bombay.
4. Dr. D. Shankar Narayan, Additional Secretary, U.G.C., New Delhi.

A meeting of this committee was held on 2nd August, 1971. The report of the Committee was placed before the Commission and the Commission resolved as under:-

"The Commission generally agreed with the report of the Committee and the concept of a quality institute for physics within university framework, as outlined by the Committee. The Commission desired that a phased programme, keeping in view the provision of resources by the State Government may be prepared by the State Government in consultation with the universities concerned. The quantum of UGC assistance may be determined by the Commission in the light of the phased programme".

Another meeting of this committee to further consider the question of establishment of an Institute of Physics at Bhubaneswar was held on 20th May, 1972. The report of the Committee is attached as Annexure-I. These were sent to the State Government for their comments. The State Government of Orissa have already taken steps to set up the Institute of Physics at Bhubaneswar.

A copy of the notification issued by the State Government of Orissa, Education Department in this regard is enclosed (Annexure-II).

The matter is reported to the Commission for information.

EO (Sc. I) / Addl. Secretary

Minutes of the meeting of the Expert Committee for development of scientific programme at the proposed Institute of Physics, Bhubaneswar.

A meeting of the Scientific Programmes Committee for the Institute of Physics proposed to be established at Bhubaneswar by the State Government of Orissa was held in the office of the University Grants Commission on 20th May, 1972. The following were present:-

- (1) Dr. H.B. Mahanty,
Chairman Governing Body,
Regional Engineering College,
Rourkela.
- (2) Professor A.R. Verma,
Director,
National Physical Laboratory,
New Delhi.
- (3) Professor B.M. Udgaonkar,
Tata Institute of Fundamental Research,
Bombay.
- (4) Professor D.B. Deo,
Head of the Department of Physics,
Utkal University.
- (5) Dr. D. Shankar Narayan,
Additional Secretary,
University Grants Commission,
New Delhi.

Professor Kothari also attended for some time.

The Committee reviewed briefly the present position with regard to the proposal of Orissa Government for the establishment of an Institute of Physics at Bhubaneswar. The Committee noted that the report made by it earlier in August, 1971 had been considered by the Commission at its meeting held on 1st September, 1971 and that "the Commission generally agreed with the report of the committee and the concept of a quality Institute for Physics within university framework, as outlined by the committee. The Commission desired that a phased programme, keeping in view the provision of resources by the State Government, may be prepared by the State Government in consultation with the universities concerned. The quantum of UGC assistance may be determined by the Commission in the light of the phased programme.

Subsequently the Orissa Government had taken action to register the Institute of Physics under the Societies Registration Act, 1860. A Memorandum of Association and the rules of the Institute of Physics have also been prepared by the Government of Orissa, according to which the Institute would function as an autonomous set up within the framework of the Utkal University.

The State Government of Orissa had also prepared a working paper for the development of the Institute of Physics and requested the University Grants Commission to convene a meeting of an Expert Committee

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to draw up a phased and time bound programme of work and expenditure for the Institute. While forwarding the working paper the State Government had desired that the Expert Committee may consider, among other things, the following matters:-

1. The subjects to be started and their phasing.
2. Staff requirements.
3. (a) Buildings, including laboratory, library and Administrative blocks.
(b) Residential quarters.
(c) Agency for designing, architecture and construction.
4. Apparatus, equipment and service facilities.
5. Phasing off expenditure-year-wise (Recurring and non-recurring).
6. Sources of finance.
7. Agency for selecting Director and Heads of different departments.

The present committee, accordingly, discussed the possible academic programmes that may be initiated at the proposed Institute of Physics in its first phase of development during the remaining period of the Fourth Plan.

The academic programmes to be developed would obviously be defined with reference to the structure of the Institute, the present academic programmes of the University Department of Physics, areas of relevance and immediate practical value and the extent of finance likely to be available. The Committee was in general agreement with the objects of the Institution as outlined in the Memorandum of Association. Structurally the existing Department of Physics of Utkal University and the proposed Institute of Physics would form an integrated unit; and functionally unified for teaching and research activities. Setting up of this Institute in several respects would be similar to the UGC's programme of recognition of centres of advanced study. However since the Institute is to be mainly supported by the State Government of Orissa, it would be a "state centre for advanced study in physics", (on the lines suggested by the Central Advisory Board of Education some time ago) with sufficient measure of autonomy and flexibility. The Institute's programmes would consist of (a) core activities of teaching and research in the areas to be chosen, (b) time bound training and/or research programmes of the Institute and (c) sponsored research projects from various national and international funding agencies.

The Committee noted that presently the University Department of Physics, Utkal University has a staff of one professor, two readers and three lecturers. It has an in-take of 16 students to the M.Sc. first year - all of them with first class B.Sc. degree. The department offers facilities for specialisation in the final year in Solid State Physics. It was stated that these 16 students were selected out of about 100 students with 1st Class B.Sc. degrees. With the existing facilities and the present stage of development of the university department and the resources available to it, it would be difficult to have a larger in-take or provide for more areas of specialisation. This department could

however be enlarged with the addition of the proposed Institute of Physics to produce highly qualified and trained personnel in some worthwhile areas of Physics. The department, could also utilise this opportunity to develop courses of study having sufficient flexibility and interaction with other subjects within the university and other special institutes, in the area. In fact the department with Institute of Physics could organise its M.Sc. programmes on course-based semester work pattern to provide for sufficient choices and flexibility to the students and also the staff. It would be necessary to identify the pattern and quality of the Master's degree courses, areas of institutional research interests and also identify the critical inputs for the purpose. The core research programmes could be built around small groups of individuals, taking care to see that the research interests of the individuals do not suffer. The twin purposes of commitment to individual science and commitment to institutional programmes would thus be met in a healthy manner.

The Committee noted the areas in Physics and Applied Mathematics mentioned in the working paper as possible areas of development in successive phases of the growth of this Institute. It was felt that since Solid State Physics was already being developed within the university department, it would be appropriate to broaden the base of this activity to develop theoretical as well as experimental studies in depth and excellence. The other worthwhile research area would be "physics of the earth and environment" which would be essentially multi-disciplinary in nature, drawing upon Physics, Mathematics and Earth Sciences particularly Geophysics and Geochemistry and also environmental sciences. Both these areas would offer ample scope for development of theoretical and experimental studies of real value. These two subjects would also require adequate workshop facilities which should be developed by the Institute and supplemented, wherever possible, by the workshop facilities available in the Regional Laboratories etc., at Bhubaneswar.

The Committee felt that a beginning could be made to develop these areas both for teaching and research purposes during the Fourth Plan period. The staff strength could be augmented to reach a critical size of about 20 faculty members including three or four professors, six to eight readers and the others at lecturers/research associates level. This academic staff could be assisted by a technical supporting staff of about ten persons. Such a group could be built over the next two years, as persons of high calibre become available. Initially the non-recurring inputs would include equipment worth about Rs. 5 lakhs, library books and journals about Rs.2 lakhs, workshop equipment about Rs.1. lakh and laboratory buildings including workshop facilities costing about Rs.5 lakhs. In addition, it would be necessary to provide for residential accommodation in the form of staff quarters, hostel for postgraduate and research students and also teachers' hostel. These programmes would require approximately Rs.10 lakhs. The Committee feel that if these inputs are provided during the course of next two years and suitably qualified and experienced staff brought together the Institute would reach its first stage of development as 1974-75. It should be possible to work out suitable scientific programmes in consultation with the Faculty of the Institute also, for subsequent phases of the development of this Institute.

The Committee also discussed briefly the sources of finance for setting up such an Institute. It was noted that the State Government had agreed to provide to the Institute the necessary land, free of cost in close proximity to the Utkal University campus. A sum of Rs.7.5 lakhs has already been provided from the financial years 1971-73 and further

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budgetary provision is likely to be available from State Government sources. The Committee was informed that as far as the U.G.C. was concerned, it would be difficult to find money for the purpose of this Institute outside the present Fourth Plan allocation to the Utkal University except in a very marginal manner. Accordingly the needs of the Institute could be considered along with the Utkal University's Fifth Plan proposals taking into account the stage of development of the Institute and its relation to Utkal University. The question of finances was a matter to be discussed with the State Government and since no representative of the State Government was able to attend the meeting, the Committee felt that this could be decided later by the State Government, Utkal University and the U.G.C. It was noted that the State Government was also exploring the possibilities of finances for this Institute from the Department of Science and Technology, Government of India, Council of Scientific and Industrial Research and the Department of Atomic Energy etc.

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No. 39013 / E.
I. E. S. 18/72

Government of Orissa
Education Department

R E S O L U T I O N

Dated the 21st December, 1972

The question of setting up an higher Institute of Physics in Orissa for development of research in Physics and its allied branches engaged the attention of the State Government since the year 1969. As a preliminary measure Government in the Education Department in their Resolution No. 18424-E, dated the 1st August, 1969, constituted an Advisory Committee to prepare a scheme for the establishment of an Institute of Physics in Orissa. This Committee submitted its report in May, 1970.

2. In pursuance of the decision of Government to set up an Institute of Physics at Bhubaneswar and with the advice of the University Grants Commission, the said Institute has been registered under the Societies Registration Act, 1860.

3. The main activities of the Institute, among others, would be:-

- (a) To undertake Postgraduate Teaching and promote fundamental research in all branches of Physics and allied disciplines and admit students for the purpose.
- (b) To be a source of supply of trained manpower for the nation's expanding demand in areas involving application of Physics.
- (c) To serve as a source of competent Physics Teachers and research workers for Universities, Colleges and other Institutions.
- (d) To offer advanced courses in different Branches of Physics at the Postgraduate level and leading to Degrees and Diplomas beyond the Postgraduate level.
- (e) To undertake teaching of advanced courses to pro-Doctoral and Post-Doctoral research workers, and University and College teachers.
- (f) To foster inter-disciplinary activities in inter-related branches of science and technology
- (g) To provide guidance in research leading to doctorate degrees.
- (h) To organise special courses, conferences and symposia
- (i) To set up and develop various Divisions for the activities of the Institute.
- (j) To build up a research and reference library and to undertake documentation service.

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- (k) To establish fruitful contacts between the Institute on the one hand and Universities, academic bodies and Institutions and agencies interested in research in matters coming under the Institute's activities on the other.
- (l) To undertake training of high level manpower in science or technology of national importance.
- (m) To accept gifts, grants, scholarships, donations, subscriptions and endowments, and administer the same in fulfilment of the objectives of the Institute and
- (n) To do all such other acts and take all such steps as may further all or any of the aforesaid objects.

4. In pursuance of Clause 4 of the Memorandum of Association of the Institute of Physics, Bhubaneswar, the State Government are pleased to constitute the Board of Governors consisting of the following, in which will vest the management of the affairs of the Institute of Physics.

- (i) A Chairman who shall be appointed by the Government of Orissa in consultation with U.G.C. Minister Education, Orissa. Chairman
- (ii) Vice-Chancellor of Utkal University of his representative Vice-Chancellor of Utkal University. Member
- (iii) Vice-Chancellor of Sambalpur University or Vice-Chancellor of Berhanpur University by rotation Vice-Chancellor Sambalpur University (for three years) Member
- (iv) Secretary, Education Department Government of Orissa Member
- (v) A nominee of the Ministry of Defence Dr. P.K. Katti, Director, Instruments Research and Development Establishment, Dehra Dun. Member
- (vi) A nominee of the Atomic Energy Commission. Prof. B.M. Udgaonkar Tata Institute of Fundamental Research Member
- (vii) A nominee of the Indian Space Research Organisation. Dr. P.K. Kaw, Associate Professor Physical Research Laboratory. Member
- (viii) Three eminent Scientists nominated by the Government of Orissa in Consultation with the University Grants Commission.

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| (a) Prof. A.R. Verma,
Director,
National Physical Laboratory,
New Delhi. | Member |
| (b) Dr. H.B. Mohanty,
Chairman,
Board of Governors,
Fourkela Engineering College. | Member |
| (c) Dr. Trilochan Pradhan,
Professor & Head,
Theoretical Nuclear Physics
Division, Saha Institute of
Nuclear Physics, Calcutta-9. | Member |
| (ix) Secretary, Finance Department,
Government of Orissa. | Member |
| (x) Director of Public Instruction
(Higher Education) | Member |
| (xi) Director of the Institute | Member Secretary |

5. Until such time as appointment of the Director of the Institute is made, the Vice-Chancellor, Utkal University shall be deemed to be the Director of the Institute.

6. The powers and functions of the Board of Governors as contained in Rule 2 of the Rules of the Institute of Physics will be as follows:-

- (i) To approve the programmes and projects of the Institute.
- (ii) To accept gifts, scholarships, donations, subscriptions and endowments and to administer the same in furtherance of the aims and objects of the Institute.
- (iii) To constitute Committees and to delegate them such powers as the Board may deem fit.
- (iv) To consider and approve the annual report on the working of the Institute.
- (v) To consider and pass the audited accounts and the annual budget estimates of the Institute.
- (vi) To consider and sanction expenditure out of the funds of the Institute.
- (vii) To create and maintain academic, research, administrative and other posts in the Institute.
- (viii) To make appointments in the administrative teaching and research staff of the Institute.
- (ix) To conduct examinations and prepare the list of successful candidates for award of degrees by Universities.

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- (x) To take all such actions as are necessary for the exercise of any of the above powers or which are needed for the fulfilment of the aims and objects of the Institute.

O R D E R : - Ordered that the Resolution be published in the Orissa Gazette and copies be sent to all concerned.

By order of the Governor

H.N. Das Mohapatra
Secretary to Government.

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UNIVERSITY GRANTS COMMISSION

Meeting:

Dated : 7th February, 1973.

Item No. 5. To receive the minutes of the meeting of the Standing Committee on New Universities and University Centres held on the 1st January, 1973.

The meeting of the Standing Committee appointed by the Commission for establishment of new universities and university centres was held on the 1st January, 1973 in the U.G.C. A copy of the minutes of the meeting of the Committee is attached (Annexure). The Committee considered the following items:-

1. Establishment of a Medical University in each State

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It was decided that the question of establishing Medical Universities may be considered by a Committee to be appointed by the Chairman including representatives of the Ministry of Health & Family Planning, Ministry of Education and medical experts.

2. Establishment of a University in Goa

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It was agreed that a committee may be appointed to work out a phased programme for the setting up of the proposed University.

3. Establishment of a University in Tripura

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The Committee was not in favour of a separate university for Tripura at this stage. It was agreed that the question of setting up of a 'postgraduate centre' in Tripura may be discussed with the State Government.

4. Establishment of two new universities in Maharashtra

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It was felt that the general policy in regard to the establishment of new universities in the Fifth Plan period should be formulated in consultation with the Planning Commission and Ministry of Education and Social Welfare, keeping in view the recommendations of the Education Commission and the report of the Committee on Governance of Universities and Colleges under the Chairmanship of Dr. P.B. Cajendragadkar. The policy with regard to new universities should take into account the developmental needs of the country, the resources position, regional imbalances in higher education, special needs of backward areas and other relevant factors. The Committee desired that in the first instance a paper may be prepared by the office for consideration of the Committee.

5. Establishment of University Centres for postgraduate studies at Jullundur, Shimoga, Palavankottai and East & West Godavari District of Andhra Pradesh.

The Committee desired that the general policy with regard to the

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'Postgraduate Centress', and also the specific proposals received from the universities in this connection may be referred to the following committee:-

1. Dr. K.L. Shrivastava Chairman
2. Dr. V.B. Kulkarni
3. Professor A.B. Lal
4. Shri N.D. Sundaravadivelu
5. Professor M.W. Mathur
6. Professor S. Krishnaswamy (Madurai University)
7. Professor R.C. Paul (Panjab University, Chandigarh)

The Committee may co-opt other members, if necessary.

The matter is placed before the Commission.

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The meeting of the Standing Committee on New Universities and University Centres was held on 1st January, 1973 at 11 A.M. in the University Grants Commission. The following were present:-

1. Chairman,
University Grants Commission.
2. Dr. K.L. Shrinani,
Vice-Chancellor,
Banaras Hindu University.
3. Professor A.B. Lal,
Vice-Chancellor,
Rajasthan University.
4. Shri H.D. Sundaravadivelu,
Vice-Chancellor,
Madras University.
5. Shri I.D.N. Sahi,
Education Secretary,
Government of India.
6. Dr. V.B. Kolte,
Ex-Vice-Chancellor,
Nagpur University.
7. Professor M.V. Muthur,
Director, Asian Institute of
Educational Planning & Administration,
New Delhi.
8. Shri R.K. Chhabra,
Secretary,
University Grants Commission.
9. Shri L.R. Ihi,
Education Officer,
University Grants Commission.

Shri M.R. Yardi, Professor Um Shankar Joshi and Dr. P.B. Gajendragadkar had regretted their inability to attend the meeting.

The Committee considered the following items:

1. Establishment of a Medical University in each State:

It was decided that the question of establishing Medical Universities may be considered by a Committee to be appointed by the Chairman including representatives of the Ministry of Health & Family Planning, Ministry of Education and Medical experts. The report of this Committee may then be considered by the Committee on New Universities.

2. Establishment of a University in Goa:

It was noted that the Commission had earlier agreed, in principle, to the establishment of a University in Goa. It was agreed that a Committee may be appointed to work out a phased programme for the

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setting up of the proposed university keeping in view the progress made by the postgraduate centre and the resources likely to be available for the establishment of the University.

3. Establishment of a University in Tripura:

The Committee was not in favour of a separate university for Tripura at this stage. The question of setting up of a "Postgraduate Centre" in Tripura may be discussed with the State Government.

4. Establishment of two new universities in Maharashtra:

It was felt that the general policy in regard to the establishment of new universities in the fifth plan period should be formulated in consultation with the Planning Commission and Ministry of Education and Social Welfare, keeping in view the recommendations of the Education Commission and the report of the Committee on Governance of Universities and Colleges under the Chairmanship of Dr. P.B. Gajendragadkar. The policy with regard to new universities should take into account the developmental needs of the country, the resources position, regional imbalances in higher education, special needs of backward areas and other relevant factors. The Committee desired that in the first instance a paper may be prepared by the office for consideration of the Committee.

5. Establishment of University centres for postgraduate studies at Tullundur, Shimoga, Palayankottai and East & West Godavari District of Andhra Pradesh:

The Committee desired that the general policy with regard to the 'Postgraduate Centres', and also the specific proposals received from the universities in this connection may be referred to the following Committee:-

1. Dr. K.L. Shrinani Chairman
2. Dr. W.B. Kolte
3. Professor A.B. Lal
4. Shri N.D. Sundaravadivelu
5. Professor M.V. Mathur
6. Professor S. Krishnaswamy (Madurai University)
7. Professor R.C. Paul (Panjab University, Chandigarh)

The Committee may co-opt other members, if necessary.

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 10: To consider the report of the Committee appointed to examine the proposal of the University of Saugar for setting up a unit in Educational Sociology in the University Department of Anthropology and Sociology.

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The University of Saugar approached the University Grants Commission for assistance towards the setting up of a unit in educational sociology in the University Department of Anthropology and Sociology. The Commission appointed a Committee consisting of the following members to examine the proposal:-

- (1) Professor N.V. Tirtha
Head of the postgraduate
Department of Education,
Bangalore University,
Bangalore.
- (2) Professor V.S. D'Souza,
Head of the Sociology Department,
Panjab University,
Chandigarh.

Officer of the Commission

- (3) Dr. S.C. Goel,
Education Officer,
University Grants Commission.

The Committee visited the University of Saugar on 7th and 8th August, 1972 and discussed the proposal for setting up a unit in Educational Sociology with Professor Ishwar Chandra, Vice-Chancellor, Dr. (Mrs.) Leela Dube, Head of the Department of Anthropology and Sociology and her colleagues in the Department. Professor S.C. Dube (formerly Head of the Department and now Director of the Indian Institute of Advanced Study, Simla) also made it convenient to meet the committee and give the benefit of his views in the matter. The Committee also had an opportunity of meeting the members of the staff and a group of research scholars working in the Department. A copy of the report of the Committee is attached (Annexure-I). The main recommendations and observations of the Committee are as under:-

1. Teaching of anthropology was initiated in the University of Saugar in 1954 with the creation of a Department of Anthropology.

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The Department offered courses leading to Master's Degrees in Anthropology, Anthropo-Geography and Geography. This Composite department was split up in 1957 and a separate Department of Anthropology started functioning from July 1957. Sociology was added to the Department in 1965 in pursuance of the recommendations of the University Grants Commission Review Committee on Sociology and in keeping with the modern inter-disciplinary approach in the teaching of sociology and its bearing on social and physical anthropology. The Department at present offers courses in three specialised branches, viz., Physical Anthropology, Social Anthropology and Sociology of Development.

2. The staff in the Department of Anthropology and Sociology consists of one Professor, 2 Readers and six lecturers. The University Grants Commission has recently sanctioned an additional staff of one Professor and two Readers under the programme of special assistance to university departments.

3. The enrolment in the Department was 284 in the under graduate (pass course) and 511 in the postgraduate classes in 1971-72. The Department is able to attract students from all over the country and even foreign scholars have been associated with the work of the Department.

4. The library is particularly rich in journals and has 7500 volumes. The Department has also a good collection of equipment.

5. The Department has so far produced 6 Ph. Ds and at present 4 students are working for their Ph.D. degree in the field of Sociology of Education.

6. The Department offers courses and research programmes in various areas with special reference to development and change. Education is recognised as a major variable in the process of modernisation but so far it has not been reflected sufficiently in the activities of the Department. The Department now proposes to offer two additional papers for specialisation in the Sociology of Education. The Committee is of the opinion that the special course in Educational Sociology formulated by the Department is well-conceived and specialised at a fairly high level. The Committee has felt that special emphasis should be laid on the anthropological approach as the Department of Anthropology and Sociology at the University can make the unique contribution in the area.

7. The Committee has suggested that the unit in Educational Sociology should function under the guidance of an Advisory Committee consisting of at least two or three experts from outside belonging to the areas of Education and Sociology in addition to some members of the staff of the unit and a representative of the State Government/ State Institute of Education.

8. The Committee has recommended that the following assistance may be provided to the university:-

- (a) One Professor or Reader (depending on availability).
- (b) One Lecturer
- (c) One Research Assistant
- (d) One Stenographer
- (e) Provision for inviting visiting Professors/Lecturers in Educational Sociology. Rs. 2,000 p.a.
- (f) Two scholarships every year for postgraduate studies for students offering specialization in the Sociology of Education @ Rs.150/- per month each plus a book grant of Rs.200/- per annum. Scholarships will be available for the final year only, as courses in the previous year will be common to all students.
- (g) One research fellowship every year at Rs.300/- per month and contingency grant of Rs.1,000/- per annum. (The maximum number of fellowships at a time will be 3).
- (h) Equipment and furniture Rs. 5,000/-
- (i) Books and journals Rs.20,000/-
- (j) Contingencies Rs. 3,000/- p.a.

The University has requested to give its comments on the report. It has agreed with the recommendations of the Committee. A copy of the letter received from the university is attached (Annexure-II).

The matter is placed before the Commission for consideration.

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Annexure I to Item No. 10

Report of the committee appointed by the University Grants Commission to examine the proposal of the University of Saugar for setting up a unit in Educational Sociology in the University Department of Anthropology and Sociology.

The University of Saugar approached the University Grants Commission for assistance towards the setting up of a unit in educational sociology in the University Department of Anthropology and Sociology. The University Grants Commission appointed a committee consisting of the following members to examine the proposal:-

- (1) Professor N.V. Tirtha,
Head of the Postgraduate Department of Education,
Bangalore University,
Bangalore
- (2) Professor V.S. D'Souza,
Head of the Sociology Department,
Panjab University,
Chandigarh.

Officer of the Commission.

- (3) Dr. S.C. Goel,
Education Officer,
University Grants Commission

The Committee visited the University of Saugar on 7th and 8th August, 1972 and discussed the details of the proposal for setting up a unit in Educational Sociology with Professor Ishwar Chandra, Vice-Chancellor, Dr. (Mrs.) Leela Dube, Head of the Department of Anthropology and Sociology and her colleagues in the Department. Professor S.C. Dube (formerly Head of the Department and now Director of the Indian Institute of Advanced Study, Simla) also made it convenient to meet the committee and give it the benefit of his views in the matter. The Committee also had an opportunity of meeting the members of the staff and a group of research scholars working in the Department. The report of the Committee follows.

3. Teaching of Anthropology was initiated in the University of Saugar in 1954 with the creation of a Department of Anthro-Geography. The Department offered courses leading to Master's Degree in Anthropology, Anthro-Geography and Geography. This composite department was split up in 1957 and a separate Department of Anthropology started functioning from July 1957. Sociology was added to the Department in 1965 in pursuance of the recommendations of the UGC Review Committee on Sociology and in keeping with the modern inter-disciplinary approach in the teaching of sociology and its bearing on social and physical anthropology. The Department at present offers courses in three specialised branches, viz., physical Anthropology, Social Anthropology and Sociology of Development.

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4. The staff in the Department of Anthropology and sociology consists of one Professor, two Readers and six Lecturers. The University Grants Commission has recently sanctioned an additional staff of one Professor and two Readers under the special assistance programme. Professor S.C. Dube, Director of the Indian Institute of Advanced Study, Simla, is maintaining lien on the post of head of the department and would be visiting Saugar for two terms in each academic session for lectures, seminars and research guidance. The areas of specialisation of the members of the teaching staff are indicated below:-

Professor S.C. Dube	Social Theory. Rural Studies. Political Anthropology. Sociology of Development. Education as a variable in the process of modernization.
Dr. (Mrs.) Leela Dube	Family and kinship, methodology. Impact of education on family and kinship. Role of family in education. Problems of first generation literates.
Dr. Samarendra Saraf.	Hindu Social System. Communication. Religion. Communicational aspects of education.
Dr. A.P. Sinha	Matrilineal kinship. Applied Anthropology. Study of problems of education among the Scheduled Castes and Scheduled Tribes.
Dr. R.S. Bali	Human Genetics. Human Physiology and Diseases.
Dr. H.N. Pateria.	Physical Anthropology. Twin Studies.
Dr. S.K. Gupta	Research Methodology. Socialization Political Sociology.
Shri N.K. Gauraha	Political Anthropology.
Shri C.B. Singh	Local level politics. Students as an interest group in local level politics.

5. Enrolment in the Department was 284 in the undergraduate (pass courses) and 51 in the postgraduate classes in 1971-72. The Department is able to attract students from all over the country. Over the years, it had students from Andhra Pradesh, Delhi, Kerala, Madhya Pradesh, Maharashtra, Orissa, Punjab, Rajasthan, Tamil Nadu, U.P. and West Bengal. Foreign scholars getting Government of India scholarships have also been attached to the Department. Scholars from California, Cambridge, Harvard and Philadelphia universities have also worked in association with the Department.

6. The Department has acquired modern and up-to-date equipment including calculators, etc. and has an independent building put up with assistance from the Commission. It has a growing library with some 7,500 volumes and is particularly rich in journals. It subscribes to 50 journals in Anthropology, Sociology and related disciplines.

7. The Department has so far produced 6 Ph.Ds. Currently 4 students are working for their Ph.D. in the field of Sociology of Education. The titles of their dissertation are:-

<u>S.No.</u>	<u>Name of the Scholar</u>	<u>Thems of the project</u>
1.	Kumari Gargi Saxena	Social Background, Values and Aspirations of Students in an Indian Town.
2.	Smt. Usha Gulati	Teacher and the Educational System
3.	Shri Yogendra Saini	Youth Culture and Student Politics.
4.	Kumari Rita Dhawan	The Home and the School: Formal and Informal Settings of Socialization.

The thesis on subject 1 above is ready to go to examiners; field-work for the second has been completed and the results are being written up; and collection of data for projects 3 and 4 is actively in hand.

8 The department offers courses and research programmes in diverse areas, with special reference to development and change. Areas of special interest to the Department have been planned change, political development, communication and formal organisation. Education is recognised as a major variable in the process of modernization but so far it has not been reflected sufficiently in the activities of the Department, mainly owing to lack of resources. The Department has organised two seminars, one on the Sociology of Economic Development and the other on Education in a Changing Society. It now proposes to offer two additional papers for specialization in the Sociology of Education. The papers are:-

- (a) Education and Change.
- (b) Education and the Social Order.

These papers will be offered in M.A. (Final) by students specialising in Educational Sociology. In addition to these special papers, students will be required to offer the compulsory papers of M.A. Previous (4 papers) and sociology of planned change, communications, Dissertation in the field of Educational Sociology and Viva voce in the M.A. (final) examination.

9. In the opinion of the committee, the special course in educational sociology formulated by the department as detailed above is well conceived and specialized at a fairly high level. The provision made by the department for offering a dissertation in educational sociology will also enable the students to under take field work in the area and develop independent thinking and the critical faculty. The committee, however, suggests that in formulating the details of the course, special emphasis should be laid on the anthropological approach as the Department of Anthropology and Sociology at the

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University of Saugar can make a unique and distinctive contribution in this area and this will also be directly, relevant to the problems of educational sociology.

10. The Committee also suggests that the unit in Educational Sociology should function under the guidance of an advisory committee. The committee should consist of at least two or three experts from outside belonging to the areas of education and Sociology in addition to some member of the staff of the unit. Since Education is a state subject and the Department would be concerning itself with technical as well as general education, it would be desirable to have a representative of the State Government/State Institute of Education on this Committee. The Committee would be responsible for the formulation of the courses and for reviewing the activities and programmes of the Unit.

11. The Committee recommends that the following assistance may be provided to the University of Saugar for the establishment of a unit in educational sociology:-

(1) Staff:

- (a) One professor or Reader (depending on availability)
- (b) One Lecturer
- (c) One Research Assistant
- (d) One Stenographer

In addition, a provision of Rs.2,000/- per annum may be made for enabling the Department to invite visiting professors/lecturers in Educational Sociology, for terms varying from six to twelve weeks.

(2) Two scholarships every year for postgraduate studies for students offering specialization in the Sociology of Education @ Rs.150/- per month each plus book grant of Rs.200/- per annum. Scholarships will be available for the final year only, as courses in the previous year will be common to all students.

(3) One research fellowship every year at Rs.300/- per month and contingency grant of Rs.1,000/- per annum. (The maximum number of fellowships at a time will be 3).

- (4) Equipment and furniture - Rs. 5,000/-
- (5) Books and journals - Rs.20,000/-
- (6) Contingencies - Rs. 3,000/- per annum

12. In view of the fact that the Commission has agreed to provide assistance for the development of teacher education programmes upto the fifth plan period, assistance to the University of Saugar for the setting up of a Unit in Educational Sociology may also be provided on 100 per cent basis upto 1978-79.

Copy of letter No. Dev/Anth-Socio/42:21 dated 29.11.72 from Col. H.S. Chandele, Registrar, University of Saugar addressed to the Secretary, University Grants Commission, New Delhi.

.....

This is to acknowledge with thanks the receipt of your letter cited above with which a copy of the report of the Visiting Committee which assessed the proposal of this University regarding setting up of a Unit in 'Educational Sociology' in the Department of Anthropology and Sociology was forwarded to this office.

2. The University agrees with the contents of the Report of the Committee referred to above and will proceed in the matter as soon as the concurrence of the Government of M.P. is received for providing the maintenance grant after the Commission's assistance towards the appointment of staff is ceased from 1979-80.

3. Kindly move the Commission to accord their final approval to the proposal.

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UNIVERSITY GRANTS COMMISSION

Meeting:

Dated : 7th February, 1973.

Item No. 11: To consider the report of the Expert Committee to examine the proposal of the Bombay University for the establishment of the departments of Microbiology & Bio-chemistry in the Biological Sciences Division.

The Commission at its meeting held on 5th July, 1972 (Item No. 35) considered the proposal of the Bombay University for the establishment of the departments of Microbiology and Bio-chemistry within the Division of Biological Sciences. The Commission desired that the proposal of the university may be further examined by an Expert Committee. Accordingly, a committee consisting of the following members was appointed:

- (1) Professor G. Rangaswami,
Vice-Chancellor,
Tamil Nadu Agricultural University,
Coimbatore.
- (2) Professor S. Krishnaswamy,
Head of the Division of
Biological Sciences,
Madurai University,
Madurai.
- (3) Professor A.K. Datta Gupta,
Dean of Sciences,
Birla Institute of Technology & Science,
Pilani.
- (4) Dr. D. Shankar Narayan,
Additional Secretary,
University Grants Commission.

The Committee visited Bombay University on the 19th December, 1972. Professor S. Krishnaswamy was unable to accompany the Committee. The Committee held discussions with the Vice-Chancellor, Registrar and other persons in the University connected with the development of studies in Biological Sciences.

The main observations & recommendations of the committee are as under:-

1. The Committee noted that although the approval of the Commission for starting the department of Biological Sciences was given early in the Fourth Plan period, the University of Bombay had not made any progress so far in this direction. The University had utilised the grants meant for buildings, scientific equipment of the Division of Biological Sciences to meet its other requirements within the Fourth Plan period. The grant meant for Library Books and Journals is however still available unused. No staff has so far been appointed by the University for the purpose viz. two Professors, two Readers and three lecturers. The University decided to have four departments viz. Botany, Zoology, Microbiology and Bio-chemistry and each of these with a separate Board of studies. The University proposes to have a Professor,

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Reader and a Lecturer ~~in~~ each of the departments of Botany & Zoology and a Professor in Biochemistry and one lecturer in Microbiology and has agreed to provide for these positions within the Fourth Plan allocations.

2. The Vice-Chancellor and other authorities of Bombay University agreed to accept the suggestions made earlier by the Commission to establish a composite Division of Biological Sciences or Division of Life Sciences.

3. The Committee has recommended that the grants already recommended for the purpose of organising the departments of Biological Sciences viz. Rs. 6,00,000 for buildings, Rs. 2,00,000 for Scientific Equipment and Rs. 1,00,000 for Books and Journals should be utilised by the University for the purpose for which it was given so that a beginning could be made within the Fourth Plan period. The staff for the purpose would be about 8 members consisting of Professors, Readers & Lecturers. The staff could be recruited according to the availability of suitably qualified persons to consist of 4 senior persons (Professors & Readers) and 4 junior persons viz. Lecturers. Such an academic staff should be supported by about 4 Technical Assistants in the scale of Rs. 250-15-400 or the scale of Demonstrators prevailing in the university.

4. The Committee has suggested a phased programme of implementing the scheme to start with, the University may appoint during the current year three or four persons who would plan the courses of study etc. with help of expert advice and obtain other items required for teaching programmes. Appointment of other staff could be taken up as per the requirements of such a course. Actual teaching could be started either in 1973-74 or in 1974-75 depending upon the preparations made by them.

5. The Committee hopes that with the recommendations of the present committee, it would be possible for the university to make a reasonably good start towards setting up of a Division of Biological Sciences in the Fourth Plan period and the additional requirements in respect of equipment, books and staff etc. could be considered in the beginning of Fifth Plan period.

A copy of the report of the Committee is enclosed as Annexure.

The matter is placed before the Commission for consideration.

Addl. Sec.

Annexure to Item No. 11

Report of the Expert Committee to Bombay University to consider the proposal for the establishment of the Department of Microbiology and Biochemistry in the Biological Sciences Division of Bombay University.

The University Grants Commission considered a proposal received from the Bombay University for the establishment of the Departments of Microbiology and Biochemistry within the Division of Biological Sciences at its meeting held on 5th July, 1972. The Commission desired that the proposal may be further discussed by an Expert Committee which may visit Bombay University for the purpose. Accordingly, a Committee consisting of the following members was appointed:

1. Professor G. Rangaswami,
Vice-Chancellor,
Tamil Nadu Agricultural University,
Coimbatore.
2. Professor S. Krishnaswamy,
Head of the Division of
Biological Sciences,
Madurai University,
Madurai.
3. Professor A.K. Datta Gupta,
Dean of Sciences,
Birla Institute of Technology & Science,
Pilani.
4. Dr. D. Shankar Narayan,
Additional Secretary,
University Grants Commission.

The Committee visited Bombay University on the 19th December, 1972. Professor S. Krishnaswamy was however unable to join the Committee. The Committee had discussions with the Vice-Chancellor, Registrar and other persons in the University connected with the development of studies in Biological Sciences.

The Expert Committee which visited Bombay University early in Fourth Plan period had recommended that the University of Bombay may establish an integrated department or Division of Biological Sciences to provide for teaching and research facilities in this important inter-disciplinary area, instead of starting traditional departments of Botany & Zoology. The University Syndicate, however, desired to set up, in the first instance, the departments of botany and zoology and subsequently add to it the departments of Microbiology and Biochemistry and hoped that these departments would coordinate with each other and help in inter-departmental activities of teaching and research. In the meanwhile, the Bi-national Conference on Life Sciences held in Bangalore in June, 1971 emphasised the need and importance of making an integrated approach to the study of life sciences. The recommendations of this Conference were communicated, as desired by the Commission, to the University of Bombay and the university was requested to organise its Division of Biological Sciences keeping in view the recommendations of the Conference to ensure such an integrated approach. The university however felt that with the addition of the Biochemistry and Microbiology departments, it would still be possible for the University to organise courses, as suggested by the Bi-national Conference.

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The present Committee noted that although the approval of the Commission for starting the Department of Biological Sciences was given early in the Fourth Plan period, the University of Bombay had not made any progress so far in this direction. In the meanwhile, the University had utilised the grants meant for buildings, scientific equipment of the Division of Biological Sciences to meet its other requirements within the Fourth Plan period. The grant meant for library books and journals is however still available unused. The University also has not taken any action so far to appoint the staff approved for the purpose, viz., two Professors, two Readers and three Lecturers. On the other hand, the University has all the while been debating about the pattern of organisation of the departments. The University informed that the Syndicate of the University on the recommendations of its Academic Council, decided to have four departments -- one each in Botany, Zoology, Biochemistry and Microbiology and each of these with a separate Board of Studies. The University has proposed that to start with, it would have a professor, reader and lecturer in each of the departments of botany & zoology and a professor in Biochemistry and one lecturer in Microbiology and has agreed to provide for these positions within the Fourth Plan allocations made to Bombay University.

The present Committee had detailed discussions regarding the University's approach to the setting up of teaching-cum-research department in the field of Life Sciences and also the pattern of staffing etc., mentioned above. The Committee impressed upon the University authorities that establishment of either separate departments or separate sections in the traditional disciplines of Botany, Zoology, Microbiology, Biochemistry etc., and to hope for mutual coordination and thus be able to introduce meaningful studies of inter-disciplinary nature was not likely to succeed in the present context of organisation of studies in the different colleges of Bombay University. Further in view of the fact that a large number of colleges have been engaged in postgraduate instruction in these subjects, it would not be appropriate for the University also to set up departments in the very same subjects and offer the same courses of study etc.

The Committee is happy to record here that the Vice-Chancellor and other authorities of Bombay University appreciated this aspect and agreed to accept the suggestions made earlier by the Commission to establish a composite Division of Biological Sciences or Division of life sciences. There was also some discussion whether the proposed unit could be in the nature of "an Institute". It was felt that setting up of a separate institute may not fit within the framework of the university whereas setting up of a Division comprising of a group of subjects closely related to each other and providing common facilities would prove academically of great value and economically advantageous. Setting up of such an integrated department or division of biological sciences would make it possible for a staff to be recruited in several important areas, such as, Cell Biology, Developmental Biology, Molecular Biology, Immunobiology, Physiology, Systematics Ecology, Microbiology, Biological Chemistry, Environmental Sciences etc., all of which are important to the understanding of problems of life sciences at the present day.

The Committee pointed out that organisation of such a department and bringing together a faculty who have common interest in the inter-disciplinary areas of biology is by no means an easy task. It would take considerable effort on the part of the University and would require

sufficient time to plan and organise such a department. It could obtain useful expert advice from other universities in India, for e.g., Madurai which have succeeded in this direction. It may be difficult for the University to initiate teaching activities prior to the academic year 1973 or even 1974. In order to make this proposal a reality, the University will have to take adequate measures to see that a certain minimum staff would be in position before March, 1973 or latest by June, 1973 so that such a nucleus staff, say, of three or four persons would be in position and help in planning and organisation of the department and to obtain necessary teaching equipment, books and journals before teaching activities could be undertaken. Such nucleus staff, besides organising the department, could help in sharing the responsibilities of coordinated teaching at the postgraduate level taken up by a group of colleges in Bombay University.

The Committee therefore recommends that the initial grants recommended for this purpose of organising the Department of Biological Sciences, viz., Rs.6.00 lakhs for buildings, Rs.2.00 lakhs for scientific equipment and Rs.1.00 lakh for books and journals should be utilised by the Bombay University for the purposes for which it was given so that a beginning could be made within the Fourth Plan period. The minimum teaching staff required for organisation of such a department in the initial stages would be about eight members consisting of professors, readers and lecturers. This staff could be recruited, according to the availability of suitably qualified persons to consist of four senior persons (including professors and readers) and four junior persons, viz., lecturers level. Such an academic staff should be supported by about four technical staff in the form of technical assistants in the scale of Rs.250-15-400 or the scale of Demonstrators prevailing in the University. Such staff would provide necessary technical support for the various laboratories and research programmes. These persons should not be used for instructional purpose as is the common practice in the colleges of Bombay University. The academic staff should be chosen from the areas of Cell Biology, Developmental Biology, Molecular Biology, Plant or Animal Physiology, Biological Chemistry, Microbiology, Genetics, Ecology etc., on the strength of courses of studies which the University may develop with the help of an Expert Committee. The courses of study could also provide for suitable project work to be taken up by the postgraduate students in the areas of either Plant or Animal Sciences. The initial intake could be about 15 students to M.Sc. class.

The Committee hopes that with the recommendations made above, it would be possible for the Bombay University to make a reasonably good start towards setting up of a Division of Biological Sciences in the Fourth Plan period and the additional requirements in respect of equipment, books, journals and staff etc., could be considered in the beginning of the Fifth Plan period taking into account the programmes of teaching and research to be organised during the Fifth Plan period.

The Committee wishes to thank the University authorities for the facilities provided for its work.

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UNIVERSITY GRANTS COMMISSION

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Meeting:

Dated : 7th February, 1973.

Item No.12: To consider the reports of the Expert Committee appointed to examine the proposals of the S.D. College, Muzaffarnagar and D.A.V. College, Muzaffarnagar for the development of their postgraduate science departments.

On the recommendations of an Expert Committee which visited the D.A.V. College and the S.D. College, Muzaffarnagar in April, 1969, the Commission approved a grant of Rs.2,46,500/- (NR) and Rs.9,000/- (A) for the D. V. College and Rs.79,500/- (NR) and Rs.3,000/- (R) for the S.D. College for the development of their postgraduate Science departments during the Fourth Plan period. The assistance so far provided has been fully utilised by these colleges except the amount payable towards salary of additional staff approved.

2. The D.A.V. and the S.D. Colleges subsequently approached the Commission through the Meerut University for additional assistance for further strengthening their postgraduate science departments during the remaining period of the Fourth Plan. It was decided that the proposals of the two colleges be got assessed by an Expert Committee.

3. An expert committee consisting of Prof. S. Ranganami, Chemistry department, Delhi University, Prof. S.N. Biswas, Physics Department, Delhi University and Dr. D. Shankar Narayan, Additional Secretary, University Grants Commission was accordingly appointed to examine the proposals of the two colleges. The Expert Committee visited the colleges on 25.11.1972. The reports of the Expert Committee are appended. (Annex-I)

4. The Committee has made the following main observations:-

- (a) The Committee felt that the attempts should be made by the two colleges to avoid duplication of efforts particularly with regard to introduction of specialisations at the M.Sc. level and they should also develop the introduction of cooperative teaching between them.
- (b) The colleges should provide specialisations in such courses as required in neighbouring industries so that the students coming out of them could be easily absorbed.
- (c) The colleges particularly the S.D. College, should develop the facilities for research for teachers.

5. The Committee has recommended the following grants to the colleges for the remaining period of the Fourth Plan:-

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I. D.A.V. College, Mizaffarnagar:

Postgraduate Department.	Purpose	Total exp.	U.G.C. share.	College Share.
1.	2.	3.	4.	5.
		Rs	Rs	Rs
1. Physics	Equipment	40,000	30,000	10,000
	Books & Journals	10,000	7,500	2,500
		<u>50,000</u>	<u>37,500</u>	<u>12,500</u>
2. Chemistry	Equipment	40,000	30,000	10,000
	Books & Journals	10,000	7,500	2,500
	Lab. Tables & other fittings	10,000	5,000	5,000
		<u>60,000</u>	<u>42,500</u>	<u>17,500</u>
3. Zoology	Equipment	20,000	15,000	5,000
	Lib. Books & Journals.	10,000	7,500	2,500
		<u>30,000</u>	<u>22,500</u>	<u>7,500</u>
4. Botany	Equipment	20,000	15,000	5,000
	Lib. books & journals	10,000	7,500	2,500
	Laboratory tables & other fittings.	10,000	5,000	5,000
		<u>40,000</u>	<u>27,500</u>	<u>12,500</u>
5. Mathematics Statistics.	Equipment	10,000	7,500	2,500
	Books & Journals	10,000	7,500	2,500
		<u>20,000</u>	<u>15,000</u>	<u>5,000</u>
6. Workshop Staff:	1 Electrician	3,000	1,500	1,500
	1 Glass Blower (in the scales of Rs. 150-10,250) up to 31.3.1974.	3,000	1,500	1,500
	<u>Grand Total:</u>	<u>2,06,000</u>	<u>1,48,000</u>	<u>58,000</u>

II. S.D. College, Mizaffarnagar:

1. Physics	Building including fittings & furniture	30,000	15,000	15,000
	Equipment	80,000	60,000	20,000
	Books	20,000	15,000	5,000
		<u>1,30,000</u>	<u>90,000</u>	<u>40,000</u>
2. Chemistry	Building including fittings & furniture	20,000	10,000	10,000
	Equipment	40,000	30,000	10,000
	Books	20,000	15,000	5,000
		<u>80,000</u>	<u>55,000</u>	<u>25,000</u>
	<u>Grand Total:</u>	<u>2,10,000</u>	<u>1,45,000</u>	<u>65,000</u>

The matter is placed before the Commission for consideration.

E.O. (Sc.I)/Addl. Secy.

Kapahi

Report of the Committee appointed by the Commission to examine the proposals received from D.A.V. College, Muzaffarnagar for the development of its postgraduate science departments during the Fourth Plan period.

The Meerut University in February, 1972 forwarded and recommended a proposal from D.A.V. College, Muzaffarnagar seeking additional grant for further development of the postgraduate science departments during the remaining period of the Fourth Plan.

The Commission desired that an Expert Committee may visit the college and examine the proposal. The members of the Committee were:-

1. Professor S. Rangaswamy,
Department of Chemistry,
Delhi University.
2. Professor S.M. Biswas,
Department of Physics,
Delhi University.
3. Dr. D. Shankar Narayan,
Additional Secretary,
University Grants Commission,
New Delhi.

The Committee visited the college on 25th November, 1972. Professor V. Puri, Head of the Division of Biological Sciences, Meerut University visited the college as representative of the Meerut University. The Committee discussed the proposal with Principal and other staff members of the college. The committee also visited the science laboratories of the college.

During this plan period the college has been assisted earlier by the Commission for the development of its science departments on the basis of the report of an Expert Committee which visited the college in April, 1969. The college was also assisted by the Commission for increasing the intake in Physics and Zoology departments.

The college was also assisted during the Third Plan period by the Commission for the development of its postgraduate science departments. The position of grants paid during the Third and Fourth Plan periods for the development of its postgraduate science departments is as given below:

Department	Grants paid during Third Plan.	Grants paid & committed during Fourth Plan (including spill-over from 3rd Plan & grants to be paid for salary of staff upto 1973-74).	Balance to which the college is eligible
	Rs	Rs	Rs
Physics	84,500	98,000	52,000
Chemistry	70,000	86,500	63,500
Botany	- - -	62,500	37,500
Zoology	57,500	74,250	25,750
Mathematics/ Statistics	22,000	33,000	42,000

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The college has utilised the grants sanctioned earlier during the Fourth Plan period and has now submitted additional proposals for assistance under the revised ceiling of grants available to various science departments for the extended Fourth Plan period.

The additional requirements as indicated by the college are given below:-

Department		Building	Equipment	Books & Journals	Fitting & furniture	Total
		Rs	Rs	Rs	Rs	Rs
Physics	Total	43,530	33,867	7,114	17,000	1,01,511
	UGC Share	21,765	25,400	5,335	8,500	61,000
Chemistry	Total	38,950	54,034	18,667	15,000	1,26,651
	UGC Share	19,475	40,525	14,000	7,500	81,500
Zoology	Total	---	18,734	12,934	4,000	35,668
	UGC Share	---	14,050	9,700	2,000	25,750
Mathematics	Total	32,500	16,000	13,000	6,000	67,500
	UGC Share	16,250	12,000	9,750	3,000	41,000
Botany	Total	21,530	25,647	6,000	6,000	59,177
	UGC Share	10,765	19,235	4,500	3,000	37,500
Total:			Rs. 3,90,507/-			
UGC Share:			Rs. 2,46,750/-			

The D.A.V. College, Hazaffarnagar is one of the big colleges affiliated to Meerut University providing courses in Science, Education and Law faculties. The college has also started B.A. classes since 1971-72. However, the B.Sc. classes were started in 1950. In 1971-72 there were 1820 students in the college, out of this about 1000 were in science faculty. The details about the year of starting postgraduate courses, students enrolment teachers etc., is given below:-

Department	Year of starting postgraduate courses	Enrolment		Results	Teachers
		M.Sc. Prev.	M.Sc. Final	M.Sc. Final 1972.	
Physics	1960	30	28	74%	14(2 Ph.D)
Chemistry	1961	19	13	75%	18(8 Ph.D)
Botany	1964	10	11	67%	10(3 Ph.D)
Zoology	1959	25	25	92%	13(6 Ph.D)
Mathematics	1957	41	37	69%	6
Statistics	1965	9	7	86%	4 (1 Ph.D)

Subsequent to the visit of the earlier Committee in 1969 the college has constructed new library building and new Zoology block has also been added. The space vacated by Zoology department in the old building is being utilised by the Botany department. The earlier Committee had mentioned in its report that though the college has fully utilised the grants made available by the Commission and has developed facilities for postgraduate teaching, the organisation of the departments and laboratories was rather unsatisfactory. The Committee

had also suggested some measures for the proper development of the various departments. The present Committee also feels that in spite of substantial grants sanctioned earlier for extension of buildings, furniture and fittings, the present condition of the laboratories and class-room is far from satisfactory. The laboratory tables and class room furniture are in a very bad shape. In many rooms the flooring needs to be redone. The general arrangement of the departments is also not satisfactory. It appears though the college has sufficient accommodation it is not being properly used and it lacks planning. The Committee strongly recommends that college should give serious attention to proper utilisation of the available space and planning of various departments. The earlier Committee has also stressed this point. It would not be advisable to construct any new laboratory for the time being. The Zoology department is housed in a new building and its laboratories are better than other departments. The Botany department really needs considerable rearrangement.

The Committee discussed with the Principal and teachers the development proposals of the college. The department of Chemistry had proposed to introduce a special paper in biochemistry. It provides specialisation in Organic and Inorganic Chemistry at present. The Committee felt that it may not be desirable to add specialisation in biochemistry, only because a few of the staff members have interest in the field. The college could review the proposal in the light of recommendation made by the UGC Review Committee on biochemistry. It would be desirable for the college to provide specialisation, considering the job opportunities available to students in the neighbouring sugar and related industries.

Another important factor related to development of special courses is with regard to proper coordination and avoidance of duplication in the colleges located in this city. The Committee was surprised to note that the 2 colleges, the D.A.V. College and the S.D. College have in fact, introduced same specialisations in their departments of Physics and Chemistry.

The Physics department provides specialisation in Electronics and Nuclear Physics. The other college in the city i.e. S.D. College also provides for same specialisation. The Committee felt that one of the two colleges should provide specialisation in 'Solid State Physics'.

Both the colleges have been recently selected under Commission's College Science Improvement Programme. It is suggested that both the colleges in Muzaffarnagar may organise some co-operative teaching under the scheme.

Even between related departments in each college there is some duplication. The existing equipment could be properly utilised by the departments with mutual co-operation and it may not be necessary to have separate equipment for different departments particularly when it is to be used rarely. It was mentioned that because of recent changes in syllabus and the introduction of Semester system by Meerut University considerable additional equipment, books are needed. The College has asked for additional space to provide separate laboratories for different specialisation. The college has constructed a small workshop with the grants sanctioned by the Commission earlier but the workshop has very little equipment. The Committee felt that the college should give special emphasis on providing workshop facilities where students can also make use of these facilities.

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The college is provided some research facilities in all the departments and has produced some Ph.D.s. The teachers in the college are also engaged in research work. The teachers in the college are well qualified, enthusiastic and interested in teaching and research activities. The committee felt that the college should improve its library and laboratory facilities during the remaining period of the Fourth Plan. It may not be desirable to introduce additional specialisation at this stage. The college should consolidate the existing facilities. It may not be necessary to add to the existing buildings; on the other hand the existing laboratories in Botany and Chemistry need to be provided with laboratory tables and other fittings to replace the present dilapidated ones.

On the basis of discussions and taking into account the grants already made available to the colleges, the Committee would recommend that the following assistance may be provided to the college for the remaining period of the Fourth Plan:-

Name of the Department	Total	U.G.C. Share.	College Share
	Rs	Rs	Rs
1. Physics			
Equipment	40,000	30,000	10,000
Books & Journals	10,000	7,500	2,500
2. Chemistry			
Books & Journals	10,000	7,500	2,500
Equipment	40,000	30,000	10,000
Laboratory tables & other fittings	10,000	5,000	5,000
3. Zoology			
Equipment	20,000	15,000	5,000
Books & Journals	10,000	7,500	2,500
4. Botany			
Equipment	20,000	15,000	5,000
Books & Journals	10,000	7,500	2,500
Laboratory tables & other fittings	10,000	5,000	5,000
5. Mathematics & Statistics			
Books and Journals	10,000	7,500	2,500
Equipment	10,000	7,500	2,500
6. Workshop Staff: 1 Electrician and one glass blower (150-300)			
Recurring Expenditure p.a. Rs.6,000 U.G.C. Share (50%) Rs.3,000 Assistance upto March, 1974 only.			

About Rs.10,000/- of the equipment grants suggested above for the different departments should be used to provide required workshop facilities. In the matter of other equipment, preference should be given to teaching equipment and demonstration aids etc., rather than buy expensive research equipment.

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Annexure II to Item no 12.

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Report of the Expert Committee appointed by the Commission to examine the proposal of S.D. College, Muzaffarnagar for the development of its postgraduate departments of Chemistry and Physics.

The Meerut University recommended and forwarded in October, 1972 a proposal of S.D. College, Muzaffarnagar for the development of its postgraduate departments in Physics and Chemistry. The Commission desired that the proposal may be examined by an expert Committee consisting of following members:-

1. Professor S. Rangaswamy,
Department of Chemistry,
Delhi University.
2. Professor S.N. Biswas,
Department of Physics,
Delhi University.
3. Dr. D. Shankar Narayan,
Additional Secretary,
University Grants Commission,
New Delhi.

Professor V. Puri, Head of the Division of biological sciences, Meerut University visited the college along with the Committee as representative of the Meerut University. The Committee visited the college on 25th November, 1972.

No assistance was provided to the S.D. College in the Third Plan period for the development of the postgraduate science departments. During the Fourth Plan period the Commission has assisted the college for the development of Chemistry department on the basis of recommendations of a Committee which visited the College in April, 1969. Following grants were sanctioned to the college for development of Chemistry department.

Purpose	Total amount	U.G.C. Share.	College Share.
	Rs	Rs	Rs
Construction of additional laboratory.	40,000	20,000	20,000
Laboratory fittings and furniture	20,000	10,000	10,000
Equipment	40,000	30,000	10,000
Workshop	10,000	7,500	2,500
Library & Books and Journals.	16,000	12,000	4,000
Total:	1,26,000	79,500	46,500

A post of a mechanic in the scale of Rs.150-300 was also sanctioned for the workshop. The assistance for this post is to be provided upto 1973-74 on 50:50 sharing basis. These grants have been fully utilised by the college.

The college has submitted proposal for the development of the

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departments of Chemistry and Physics within the revised UGC ceiling of assistance available for the postgraduate departments, in Physics and Chemistry during the Fourth Plan period upto 1973-74. Taking into account grants already released and the committed expenditure on salary of a Mechanic upto 1973-74, the Chemistry department is eligible to receive grants upto Rs.65,000 as UGC share. No assistance was provided to the department of Physics earlier. The additional requirement as indicated by the college are given below:-

1. Department of Physics:

<u>Purpose</u>	<u>Total</u>	<u>UGC Share</u>
Laboratory building	66,912	33,456
Furniture and fittings	3,000	1,500
Equipment	1,44,000	1,08,000
Books and journals	9,000	6,750
Total:	2,22,912	1,49,706

II. Department of Chemistry:

Building	15,198	7,599
Furniture and fittings	8,000	4,000
Equipment	54,000	40,500
Books and journals	22,000	16,500
Total:	99,198	68,599

The college started teaching science subjects at degree level from 1962. The postgraduate teaching in Chemistry and Physics was started in 1965 and 1966 respectively. The enrolment in M.Sc. classes in 1971-72 was 32 in Physics and 37 in Chemistry. The college has started M.Sc. course in Mathematics also from 1971. The results of the postgraduate classes have been consistently good. The college provides facilities for specialisation in 'Organic' and 'Physical' chemistry in chemistry department; 'Electronics' and 'Nuclear Physics' in Physics department. The departments are located in New Science building, Physics department is on first floor and Chemistry on Ground floor. It was observed from the enrolment figures that the enrolment in B.Sc. classes was decreasing and the Principal explained that this was due to many colleges in the neighbourhood having started B.Sc. courses recently.

In Muzaffarnagar city, there are two colleges providing post-graduate instructions in science subjects. The D.A.V. College, Muzaffarnagar provides M.Sc. instructions in Physics, Chemistry, Mathematics, Botany, Zoology and Statistics and the S.D. College in Physics, Chemistry and Mathematics. At present, there is no arrangement for co-ordination of teaching efforts between these colleges. Both the colleges have been selected under the Commission's College Science Improvement Programme. This College was selected earlier and DAV College has been selected recently. Under this scheme both the colleges

may have some common programmes. It is also expected that attempts will be made to avoid duplication of efforts particularly with regard to introduction of specialisation at M.Sc. level.

Subsequent to the visit of the previous committee the college has reorganised the science departments. The Chemistry department which was on first floor previously has been shifted to the ground floor as Physics department has been shifted to first floor of the new science block. The laboratories were well kept and also fairly good equipped. The College has utilised the grants sanctioned earlier in a good manner and substantial improvement in the laboratory and other facilities was observed. The college has also provided facilities for glass blowing in the Chemistry department. The college has recently purchased semi micro analysis equipment for its Chemistry laboratories.

The Committee then scrutinised in detail the list of equipment submitted by college and also other requirements. The additional requirements for physics department mainly related to providing facilities for specialisation in nuclear physics. The committee felt that it would be desirable for the college to provide specialisation in Solid State Physics instead of Nuclear Physics. It is not desirable that both the colleges in the city should provide same specialisations. The job opportunities for M.Sc. specialised in Nuclear Physics are not available in the neighbouring industries. The college was requested to modify requirements of equipment etc., so as to provide special paper in 'Solid State Physics'. This will avoid unnecessary duplication of efforts in the two colleges in same city and will also provide students choice of one more specialisation. The Chemistry department was also thinking of providing facilities for specialisation in Inorganic Chemistry. The Committee felt that the college should provide special papers in its courses so that the students could be easily absorbed in the neighbouring industries. The college is located in an area having number of sugar factories.

The college teachers were quite enthusiastic about college Science Improvement Programme. The Committee visited the departments of Botany and Zoology and saw with interest several models developed for instruction purposes. At present the college is not having much research activities in science departments. The Committee felt that gradually college could develop facilities and encourage research activities by teachers.

After taking into account the relevant facilities, the Committee felt that the existing laboratory accommodation is quite sufficient for the needs of the two science departments. For both the departments one additional room could be provided for better arrangement of the stores, library and staff room. The college should give preference to increase the library and teaching laboratory facilities. The Committee felt that following grants may be recommended to the college for the remaining period of the Fourth Plan.

(I) Department of Chemistry:

<u>Purpose:</u>	<u>Total grants:</u> Rs	<u>UGC share:</u> Rs
Building including furniture & fittings.	20,000	10,000
Equipment	40,000	30,000
Books	20,000	15,000
Total:	80,000	55,000

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(II) Department of Physics:

<u>Purpose</u>	<u>Total grants</u>	<u>UGC share</u>
	Rs	Rs
Building including furniture and fittings.	30,000	15,000
Equipment	80,000	60,000
Books	20,000	15,000
	<u>Total:</u>	
	1,30,000	90,000

Kaphi

Confidential:

University Grants Commission

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Meeting:

Dated: 7th Feb., 1973

Item No. 13 To consider the report of the Committee appointed by the University Grants Commission to examine the proposal of Nanak Chand Anglo Sanskrit College, Meerut, for the development of postgraduate departments in the Humanities and Social Sciences.

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The University Grants Commission appointed a Committee consisting of the following members to examine the proposal of Nanak Chand Anglo Sanskrit College, Meerut for financial assistance towards the development of its postgraduate departments:-

1. Professor Satish Chandra
2. Professor I.D. Sharma,
Department of Political Science
Panjab University,
Chandigarh.
3. Dr. A. Beitlee,
Department of Sociology,
Delhi University,
Delhi.
4. Professor H.L. Sharma,
Department of Hindi,
Aligarh Muslim University,
Aligarh.

The Committee visited the Nanak Chand Anglo Sanskrit College on the 5th October, 1972. Dr. A. Beitlee and Dr. H.L. Sharma could not join the Committee. The Committee discussed the proposal of the College with Dr. D.C. Sharma, Principal of the College and some of the heads of the Departments of the College. A copy of the report of the Committee is attached (Annexure 3). The main recommendations and observations of the Committee are as under:-

1. The N.A.S. College, Meerut was established in the year 1952. During the academic session 1972-73 the total enrolment of the College is 2275. The subject-wise enrolment of the postgraduate classes in the Humanities and Social Sciences classes during the years 1966-67 to 1972-73 is given below:

Postgraduate Deptt. (Subject-wise)	66-67	67-68	68-69	69-70	70-71	72-73
Hindi	27	28	56	67	60	88
Sanskrit	12	14	20	11	12	38
English	42	30	30	22	44	70
History	16	19	32	41	67	74

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Pol.Sc.	46	35	50	62	64	104
Economics	62	52	83	89	115	130
Sociology	21	14	22	29	27	27

2. The total number of teachers in the College including the principal is 72. There are five teachers in each of the Department, of Economics and Hindi, six teachers in each of the English and Political Science Departments, four teachers in each of the Department of History, Sanskrit and Sociology and there is one teacher in the Drawing Department. The majority of the teachers are not actively participating in research work. The student staff ratio in the College is not satisfactory and the teachers are over burdened with teaching work. The Principal of the College informed that the College has already appointed four lecturers due to the exigencies of teaching work in anticipation of Commission's assistance. The Committee has recommended that the College may be provided assistance by the Commission for the appointment of these four lecturers but the assistance of the Commission may be from the date which the Commission approves the posts.

3. The total number of volumes in the library is 21707 of which the number of books in Economics is 1613, in English is 2437, in Hindi is 3527, in History is 1366, in philosophy is 71, in political Science is 1739, in Sanskrit is 1742, in Sociology is 1112 and in Drawing is 246. The books in the library are kept in closed shelves. The Committee is of the view that the books in the library should be kept in open shelves, so that students may have easy access to the books.

4. The Committee has noted that the enrolment of the College is quite high and therefore, it would be beneficial if a separate postgraduate block is constructed so that postgraduate teaching may be conducted in a comparatively quiet atmosphere. The Committee has recommended that the Commission may provide assistance to the College for the construction of six class rooms with a floor area of 4962 Sq.ft. an estimated cost of Rs.72,825/- of which the share of the Commission may be Rs.36,412.

The financial implications of the above recommendations are as under:-

<u>Purpose</u>	<u>Estimated Cost</u>	<u>U.G.C. Share</u>
a. The appointment of four lecturers.	Rs.24,000	Rs.12,000
b. Construction of six class rooms (floor area-4962 Sq. ft.)	Rs.72,825	Rs.36,412
Total:	Rs.96,825	Rs.48,412

The College has so far not received any assistance for the commission under the scheme.

The matter is placed before the Commission

Draft report of the Committee appointed by the University Grants Commission to examine the proposal of Nanak Chand Anglo Sanskrit College, Meerut for the development of its Postgraduate Departments in Humanities and Social Sciences.

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The University Grants Commission appointed a Committee consisting of the following members to examine the proposal of Nanak Chand Anglo Sanskrit College, Meerut for financial assistance towards the development of its postgraduate departments:

1. Professor Satish Chandra
Department of History
Jawahar Lal Nehru University,
New Delhi.
2. Professor I.D.Sharma
Department of Political Science,
Punjab University,
Chandigarh.
3. Dr. A. Beitlee
Department of Sociology,
Delhi University,
Delhi.
4. Professor H.L.Sharma,
Department of Hindi,
Aligarh Muslim University,
Aligarh.

The Committee visited the Nanak Chand Anglo Sanskrit College on the 5th October, 1972. Dr. A. Beitlee and Dr. H.L. Sharma could not visit the College. The Committee discussed the proposal of the College with Dr. D.C. Sharma, Principal of the College and some of the heads of the Departments of the College. The College was established in the year 1952. It is located in an ideal situation of the city and is affiliated to the Meerut University. It is under private management.

Enrolment:

In the year 1971-72 the total enrolment of the College was 2045, of which the number of students in B.A class was 897, in B.Sc. was 136, in L.L.B. was 376, in M.A. was 381, in M.Sc. was 120, in B.Ed. was 117 and in M.Ed. was 16. During the current academic year the total enrolment is 2275 of which 984 are in the B.A. classes, 111 are in B.S.C., 387 are in L.L.B., 123 are in B.Ed., 512 are in M.A. (including Mathematics), 136 are in M.Sc. (including M.Sc. in Mathematics) and 226 are in M.Ed. The subjectwise enrolment of the Postgraduate classes in Humanities and Social Sciences during the year 1966-67 to 1972-73 is given below:-

Postgraduate Deptt. (Subject-wise)	1966-67	67-68	68-69	69-70	70-71	71-72
Hindi	27	28	56	67	60	66
Sanskrit	12	14	20	11	12	38

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English	42	30	30	22	44	70
History	16	19	32	41	67	74
Pol.Sc.	46	35	50	62	64	104
Economics	62	52	83	89	115	130
Sociology	21	14	22	29	27	27

The College has thus been providing facilities for teaching at the postgraduate level for a long time and at present a large number of students are enrolled in the M.A. classes.

Staff.

The College is lucky in having a fine team of selfless workers who have created a proper climate of learning in the institution by their hardwork and devotion to duty. During the current academic session the total number of teachers in the college including the Principal is 72 of which 35 of which 35 are in subjects of Humanities and Social Sciences out of the 35 teachers in Humanities and Social Sciences there are five teachers in each of the departments of Economics and Hindi, six teachers in each of the English and Political Science departments, four teachers in each of the departments of History, Sanskrit and Sociology and there is one teacher in the Drawing department. The Committee noted that the Majority of the teachers are not engaged in research work although they take postgraduate classes. This is due to the fact that the student staff ratio in the college is far from satisfactory with the result that the teachers are overburdened with teaching work. Besides this the teachers do not have adequate library facilities in the terms of books and journals. The teachers teaching postgraduate classes have also to take undergraduate. The percentage of teachers with research qualifications is not satisfactory. The Committee feels that this is not a satisfactory situation. The Committee feels that while the importance of good results in examinations remains undiminished, it is important that teachers teaching post-graduate students should be in touch with the latest developments in their fields of specialization so that they may instil a spirit of enquiry in the students whom they teach and who in turn will be future research workers extending the boundaries of knowledge.

Courses

The College has facilities for the teaching of drawing, Economics, English, Hindi Education, History, Political Science, Chemistry, Mathematics, Physics, Statistics, Law, Sanskrit and Sociology at the graduate level. The College was granted affiliation by the university for the teaching of Hindi, English, Economics, History, Political Science and Sanskrit at the Post-graduate level in the year 1959 and for the teaching of Sociology at the postgraduate level in 1960.

Library:

The College has a fairly spacious library building

The librarian of the college is adequately qualified. At present the total number of volumes in the library are 21,707 of which the number of books in Economics is 1613, in English 2347, in Hindi is 3527, in History is 1366, in Philosophy is 71, in Political Science is 1739, in Sanskrit is 1742, in sociology 1112 and in Drawing is 246. The rest of the books are in other subjects. The College subscribes to a limited number of journals. The number of reading seats in the library is, however, inadequate in comparison to the number of students enrolled in the College. The books in the library are kept in the closed shelves. The Committee is of the view that the books in the library should be kept in the open shelves so that students may have easy access to the books. If it is not possible for the College to keep all the books in open shelves then at least books required mainly for the postgraduate students and teachers should be kept in the open shelves. There is also a dearth of reference books. The Committee feels that the College should provide a larger number of reading seats in the library. The Committee strongly feels that at least the library in a Postgraduate college should necessarily offer first rate collection of books and specialized journals of learned societies in order to enable teachers and students keep pace with the recent developments in their fields. The Committee feels that the Library of the College has not been able to keep pace with the increasing flow of new books and it is not subscribing to important periodicals and journals. The Committee suggested to the principal the names of some journals which the library may acquire in the near future.

Examination Results.

The College has been showing good results in the university examination. The percentage of students of the College who passed in the examination held in 1970 are as follows:

B.A. 85%, B.Sc. 75%, L.L.B. 84%, B.Ed. 98%, M.A.(Hindi) 97%, M.A.(Sanskrit) 100% M.A.(English) 90%, M.A.(Economics) 97%, M.A.(Pol.Sc.) 85%, M.A.(Sociology) 90%, M.A.(History) 97%, M.Ed. 100%, M.Sc.(Chemistry) 98%, M.Sc.(Physics) 95% and M.A./M.Sc.(Mathematics) 82%.

Extra Curricular Activities:

The College attaches great importance to extra curricular activities. It provides wholesome cultural life to the student community. It has adequate facilities for hockey, cricket, volley ball, badminton, football and some other games.

Proposal of the College:

The College requested the Commission for assistance towards the creation of four posts of lecturers (one lecturer for each of the postgraduate departments of Hindi, History, Political Science and Sociology) at an estimated cost of Rs.72,825/-. The Principal of the College informed the Committee that some of the colleges used to have combined classes for postgraduate students

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in different classes/semesters. But under the new ordinances of the university the colleges will be required to hold these classes separately and consequently the requirements for class rooms and teachers have increased. The Principal of the College informed that the College has already appointed the four lecturers due to exigencies of teaching work in anticipation of the Commission's assistance and requested that the Commission may provide assistance towards this. The Committee recommends that the appointments already made by the College in anticipation of the Commission assistance may be treated on an ad hoc basis. The College may be provided assistance by the Commission for the appointment of these four lecturers but this assistance may be from the date from which the Commission approves the posts.

The Committee notes that the enrolment of the College is quite high and therefore, it would be beneficial if a separate postgraduate block is constituted so that postgraduate teaching may be conducted in a comparatively quite atmosphere. The Committee recommends that the Commission may provide assistance to the College for the construction of class-rooms at a cost of Rs.72,825/-of which the share of the Commission may be Rs.36,412/-.

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University Grants Commission

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Meeting :

Dated : February 7, 1973.

Item No. 14 : To consider the report of the Committee appointed by the University Grants Commission to examine the proposal of the College of Education, Khiroda for assistance towards the development of its teachers training programme during the IVth Plan period.

The University Grants Commission received a proposal from the College of Education, Khiroda, duly recommended by the University of Poona, for assistance from the Commission under the scheme for the development of 'Teachers' Training Colleges during the 4th Plan period. Subsequently, Shri J.P. Naik, Adviser, Ministry of Education and Social Welfare suggested that the College may be developed as a Comprehensive College of Education as envisaged by the Education Commission. The Commission appointed a Committee consisting of the following members to examine the proposal :

1. Dr. K. L. Shrivastava,
Vice Chancellor,
Banaras Hindu University
Varanasi.
2. Professor P. K. Roy,
Principal,
Central Institute of Education,
University of Delhi,
Delhi.
3. Dr. Sultanullah,
Dean
Faculty of Education,
Jamia Millia Islamia,
New Delhi.
4. Professor R. Rath,
Department of Psychology,
Utkal University,
Bhubaneswar.

Officer of the Commission

Shri R. C. Banerji,
Education Officer.

The Committee visited the College of Education, Khiroda on the 15th November, 1972. Dr. K.L. Shrivastava and Professor R. Rath could not visit the college due to unavoidable circumstances. The Committee discussed the proposal of the college with the Principal and teachers of the college and the members of the Managing Committee of the College. A copy of the report of the Committee is attached (Annexure I). The main observations of the Committee are as under :

1. The College of Education, Khiroda was established in June,

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1970 and is affiliated to the University of Poona. The Janta Shikshan Mandall, managing the college, is running the following institutions in one campus :

- i) A college of Education (for secondary teachers)
- ii) A Junior College of Education (for primary as well as pre-primary teachers)
- iii) A secondary School (Dhanaji Mana Vidyalaya)
- iv) A Pre-primary school (Arun Balwadi)
- v) An Arts School (Saptasuta Lalit Kala Bhavan)
- vi) A Panchyat Raj Centre.

Besides these the Mandal also runs various other educational institutions and conducts other social welfare and educational activities.

2. The total number of students enrolled in the College of Education, Khiroda in B.Ed. is 60. The majority of the students enrolled in the college belong to the rural community.
3. The total number of teachers in the college of Education, Khiroda is 13 including the Principal of the College. The Principal of the College is the only teacher in the College who possesses a research degree.
4. The Committee has recommended that the Commission may provide assistance to the college of Education, Khiroda for the following :

Purpose	Estimated Cost	U.G.C. contribution
(a) Construction of Principal's quarter	Rs. 51,346	Rs. 25,673 (50%)
(b) Construction of teachers hostel	Rs. 1,09,665	Rs. 73,110 (66.2/3%)
(c) Purchase of books and journals	Rs. 1,32,000	Rs. 99,000 (75%)
(d) Summer schools	Rs. 40,000	Rs. 40,000 (100%)
Total	Rs. 3,33,011	Rs. 2,37,783

In this connection it may be mentioned that the Commission provides assistance upto Rs. two lakhs on a sharing basis to a Teachers Training College providing the B.Ed. course. No assistance has so far been given to this college.

The matter is placed before the Commission for consideration.

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Report of the Committee appointed by the University Grants Commission to examine the proposal of College of Education, Khiroda, for assistance towards the development of its Teachers' Training Programme during the 4th Plan period.

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The University Grants Commission received a proposal from the College of Education, Khiroda duly recommended by the University of Poona for assistance from the Commission under the scheme for the development of Teachers' Training Colleges during the 4th Plan period. Subsequently, Shri J. P. Maik, Adviser, Ministry of Education and Social Welfare suggested that the College may be developed as a Comprehensive College of Education as envisaged by the Education Commission. The Commission appointed a Committee consisting of the following members to examine the proposal.

1. Dr. K. L. Shrinani,
Vice Chancellor,
Banaras Hindu University,
Varanasi.
2. Professor P. K. Roy,
Principal,
Central Institute of Education,
University of Delhi,
Delhi.
3. Dr. Sibantullah,
Dean,
Faculty of Education,
Jamia Millia Islamia,
New Delhi.
4. Professor R. Rath,
Department of Psychology,
Utkal University,
Bhubaneswar.

Officer of the Commission

Shri R. G. Banerji,
Education Officer.

The Committee visited the College of Education, Khiroda on the 15th November, 1972. Dr. K. L. Shrinani and Professor R. Rath could not visit the college due to unavoidable circumstances. The Committee discussed the proposal of the College with Dr. R. G. Chowdhary, Principal of the College, the teachers of the College and the members of the Managing Committee of the College.

The College of Education, Khiroda was established in June, 1970 and is affiliated to the University of Poona. It is managed by the Janta Shikshan Mandal which is a body registered under the Societies Registration Act (1860) for running educational institutions and conducting community education programmes. The Mandal was founded to educate and revitalise the rural community at the foothills of Satpuda Mountain in Jalgaon District. It expanded its educational activities after independence to meet the needs of the time and to bring about rural development through teacher education at various levels. The Mandal first conducted

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an orientation course for the training of A.D.E.Is. in basic Education in 1947 and consequently started a basic training college for primary teachers. But now the Mandal runs, inter-alia, the following institutions in one campus at Khiroda which is a small village with a population of about 4,300 only :-

1. A College of Education (for secondary teachers)
2. A Junior College of Education (for primary as well as pre-primary teachers)
3. A Secondary School (Dhanaji Mana Vidyalaya)
4. A Pre-primary School (Arun Balwadi)
5. An Arts School (Saptaputa Lalit Kala Bhavan)
6. A Panchayat Raj Centre.

Besides these the Mandal also runs various other education institutions and centres and conducts other social welfare and educational activities in pursuance of its aims and ideals to spread education among the masses and to re-vitalise rural life.

Enrolment:

The total number of students enrolled in the College of Education, Khiroda is 60. They belong to the B.Ed. course. There is neither M.Ed. or Ph.D. course available in the college. The majority of the students enrolled in the college belong to rural community.

Teachers :

The total number of teachers in the College of Education, Khiroda is 13 including the Principal of the College, one Vice Principal, one Assistant Professor, two lecturers and eight Masters of Method. The Principal of the College is the only teacher in the College who possesses a Ph.D. degree. Out of the remaining 12 teachers only three hold M.A. and M.Ed. degrees, one teacher possesses B.Sc., M.Ed. degrees, one teacher possesses B.Ed., M.Sc. degrees, three teachers possess B.Sc., B.Ed. degrees, two teachers possess B.Ed., M.A. degrees and the rest hold B.A. B.Ed. degrees. A statement giving the names of the teachers, their designation, qualification, experience and research publication is attached (Appendix I). Some of the teachers of College are actively engaged in writing of course books, teachers' handbooks and production of reading materials for different levels and a few teachers have taken up certain research projects.

Library

The College of Education has a library containing 2446 books. It also subscribes to 32 periodicals and journals. A list of the periodicals and journals is attached (Appendix II). The librarian of the College is professionally qualified.

Examination Results :

The table below gives the examination results of the College of Education, Khiroda :

Year	Total appeared	Total Passed	1st Class	IIInd Class	IIIrd Class
1971	63	58	-	38	20
1972	99	96	4	73	19

Proposal of the College :

The University of Poona recommended the proposal of College of Education, Khiroda for assistance under the scheme of development of Teachers' Training Programme during the 4th Plan period. The College requested that the Commission might provide assistance towards the construction of the Principal's quarter at an estimated cost of Rs. 51,346, for the construction of teachers' hostel at a cost of Rs. 2,19,331; for the purchase of books for its Central Library at a cost of Rs. 1,50,000 and for conducting summer schools at a cost of Rs. 1,90,000/-. Subsequently, Shri J. P. Mulk, Adviser, Ministry of Education and Social Welfare sent a letter to the Commission, inter-alia, stating that the College of Education has taken a very challenging and promising experiment in education and the main ideas underlying the experiment were as follows :-

/for primary
School
teachers a
training
institution

- (i) On its campus at Khiroda, Janta Shikshan Mandal is already conducting a training institution for secondary school teachers, a training institution for art teachers, a training institution for teachers of physical education and also a Panchayat Raj centre. It is now proposed to amalgamate these institutions into one and to establish a comprehensive college of Education as recommended by the Education Commission. The proposal has also the support of Government of Maharashtra as well as the University of Poona.
- (ii) The second part of the programme is to provide extension services from its central institution to all primary and secondary schools within a radius of ten miles which has 42 primary schools and 18 high schools and to help all these institutions to improve their standards in education through a continuous and sustained programme of extension in which all the teacher trainees will also be intimately involved. The equipment and other materials will be shared in common between a group of neighbouring institutions.
- (iii) The third aspect of the programme is to make efforts to develop programme of Community service in these primary and secondary schools and the central institution at Khiroda will provide academic guidance and assistance to develop this programme of community service.

The Committee was informed that the Mandal had already launched the experiment of Vidya Prabodhini (Comprehensive College of Education) in 1971 to bring under one roof and on one campus all the facilities for human resource training specially teacher training in various fields and to build up a cooperative relationship and rapport between the College of Education and the other educational institutions run by the Mandal. The idea of establishing the Vidya Prabodhini was to bridge the gap that exists between different levels of teacher education; to integrate vertically the teacher education programmes at all levels and to improve the standard of teaching; to undertake new experiments and research in the field of Education in order to study educational

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problems and to find out solutions thereof through cooperative action; to help teachers at all levels to function more effectively and to engage in extra-mural programmes of school improvement.

The Principal of the College informed the Committee that as the College is located in a village, there is dearth of suitable accommodation for the Principal of the College and the teachers. The College has, therefore, requested the Commission for assistance towards the construction of a Principal's Quarter and for the construction of teachers' hostel for 12 teachers. The principal also informed the Committee that the members of the academic staff of the College are already conducting a number of studies and they have written also a number of books and produced reading materials. The College is now interested in conducting a few summer schools for improving the knowledge of the teachers in the subjects which they teach.

Observations and Recommendations of the Committee :

1. The Committee strongly felt that the establishment of the College of Education at Khiroda, which is a village, was a good step and a significant contribution to our national rural life. The institution is making a substantial contribution to the economic, intellectual and cultural and life of the surrounding area. The Committee noted that majority of the students enrolled in the College come from the surrounding villages and felt that these students would have the right kind of attitude to take up jobs in the village schools. The Committee recommends that the Commission may provide assistance to the College of Education, Khiroda for the construction of a principal's quarter at a cost of Rs. 51,346 of which the share of the Commission may be upto Rs. 25,073. The Commission may further provide assistance to the College for the construction of teachers' hostel for its teachers only for the present at a cost of Rs. 1,09,665 of which the share of the Commission may be limited to Rs. 73,110.
2. The Committee observed that the library of the College of Education is poorly equipped both from the point of view of quantity as well as the quality of books. The library has on its shelves multiple copies of the same books. There are only a few standard reference books. The College receives only a limited number of journals and magazines and majority of these are ordinary magazines and not educational journals. The Committee strongly felt that the College should have a better collection of books in order to fulfil its mission and to break new grounds in the field of Education. It should endeavour to have a stock of books potentially useful to its clients. The Committee recommends that the Commission may approve a provision of Rs. 1,20,000 towards books and journals for the library of the College of Education, Khiroda of which the share of the Commission may be Rs. 90,000/-.
3. The Committee noted that the teachers of the College are imbued with the spirit of commitment to revitalise rural life with tireless and dedicated work and sacrifice. The Committee, however, noted that a number of teachers of the College of Education are not adequately qualified. Some of the teachers do not possess the necessary and basic qualifications which may be considered essential for teaching at the B.Ed. level and for undertaking programmes of challenging types. The Committee feels that in order that the experiments undertaken by the College may be conducted

efficiently and effectively and the College of Education may be a fruitful institution and laboratory of new ideas for the development of teachers' training, it is all the more essential that it should have adequately qualified teachers. The Committee thinks that the staff conducting the B.Ed. classes should have special competence and deeper knowledge of the subjects which they teach (viz. English, Economics etc.). For this purpose, the teacher should have studied the subject at least up to the M.A. level, as in the opinion of the Committee it is essentially at the post-graduate stage that a person is trained to a modest extent in intellectual endeavour. In order that the College of Education, Khiroda may take up new experiments and projects, it is essential that its academic staff should possess ability to identify problems and decide the nature and procedure of the various projects to be undertaken. They must possess adequate insight and skill to experiment with new ideas, techniques and programmes effectively and they should be able to evaluate the achievement of the project for bringing out desirable educational change. In the opinion of the Committee the staff members of the institute should possess Master's degree in the academic subject which they teach and also Master's degree in Education and a fair proportion of them should preferably have a Doctorate degree. The Committee feels that it would be advisable for the members of the staff who do not possess necessary qualifications to increase their qualifications in their own interest and to ensure that at least (as a first step) all teachers hold a Master's degree in the subject which they teach besides possessing the B.Ed. degree and gradually all the teachers should increase their qualifications to M.A./M.Sc. M.Ed. The representative of the College agreed with this suggestion. The Committee was informed that some teachers of the College have already enrolled themselves for the M.Ed. part time course of the Iona University and are expected to complete the course this year.

4. The Committee recommends that the Commission may provide a grant of Rs. 40,000/- to the College for conducting summer schools in two subjects.

5. The financial implications of the above recommendations are given below :-

<u>Purpose</u>	<u>Estimated cost</u>	<u>U.G.C. Share</u>
(a) Construction of Principal's quarter	Rs. 51,346	Rs. 25,673
(b) Construction of teacher's hostel	Rs. 1,09,665	Rs. 73,110
(c) Purchase of books & Journals	Rs. 1,32,000	Rs. 99,000
(d) Summer schools	Rs. 40,000	Rs. 40,000
	<u>Rs. 3,33,011</u>	<u>Rs. 2,37,783</u>

Sane Guruji Vidya Prabodhini, Kriroda, Distt. Jalgaon

Sl. No.	Name of the Teacher	Designation	Qualification		Experience	Research and Publication
			Degree	Class		
1	2	3	4	5	6	
1.	Dr. R. G. Chaudhari	Principal	B.A.	Pass	Asstt. Tr. 10 years	Separate sheet is attached herewith
			B.A.	II	Lecturer - 4 yrs.	
			M.A.	II	Asstt. Prof. - 1 yr.	
			M.A.	II	Prof. & Vice	
			B.T.	I	Principal - 6 yrs.	
			M.Ed.	III	Principal in	
			Ph.D.	Poona	B.Ed. College - 3	
2.	Shri N. K. Chaudhari	Vice Principal	B.Sc.(H)	II	Asstt. Tr. - 5 yrs	Part-time lecturer in S.T.C. - 2 yrs Head Master - 4 yrs. Vice Principal - 3 yrs.
			B.T.	II	Lecturer in	
			M.Ed.	II	H.S.S. - 7 yrs.	
3.	Shri B.S. Deshpande	Asstt. Prof.	B.A.	Pass	Asstt. Tr. - 3 yrs	Head Master - 2 yrs M. M. - 2 yrs Asstt. Prof. - 3 yrs
			B.Ed.	II		
			M.A.	Pass		
			M.Ed.	II		
			M.A.	II		
4.	Shri M. A. Zambre	Lecturer	B.A.	Pass	Asstt. Tr. - 7 yrs.	Head Master - 1 yr. M. M. 2 yr. Lecturer 1 yr.
			B.T.	II		
			M.A.	Pass		
			M.Ed.	II		
5.	Shri D.H. Patil	Lecturer	B.A.	II	Asstt. Tr. 10 yrs.	
			B.Ed.	II		
			M.A.	Pass		
			M.Ed.	Pass		

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Sl. No. Name

1 2 3

1. Dr.

6 Shri R. K. Fegade Master of Method

7 Shri M. A. Chaudhari Master of Method

8 Shri M. M. Chaudhari -do-

2. Shri

9 Shri B. R. Patil -do-

10. Shri M. R. Agrasar -do-

3. Shri

11. Shri R.K. Mahajan -do-

12. Shri M.R. Chaudhari -do-

4. Shri

13. Shri L.D. Chaudhari -do-

5. Shri

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B.A.	II	Primary Tr. 11 yrs.
B.Ed.	I	Asstt. Tr. in Training College - 1 yr. M. M. 3 yrs

B.Sc.	Pass	Lecturer in
B.Ed.	I	H. S. S. - 2 yrs.
M.Sc.	Pass	M. M. 2 yrs

B.Sc. (H)	II	Asstt. Tr. 5 yrs
B.Ed.	II	M. M. 2 yrs

B.A.	Pass	Asstt. Tr. 3 yrs
B.Ed.	II	
M.A.	Pass	

B.A.	Pass	Asstt. Tr. 28 yrs
B.T.	-	H. M. 2 yrs
M.A.	II	

B.Sc. (H)	II	Asstt. Tr. - 6 yrs
B.Ed.	I	

B.Sc. (Ag.)	Pass	Asstt. Tr. 5 yrs.
B.Ed.	I	Lecturer in H.S.S. 5 yrs H.M. 10 yrs M. M. 3 yrs

B.A. (H)	II	Teacher in
B.T.	II	Training College - 10 yrs. M. M. 2½ yrs.

Appendix

Vidya
Sane Guruji/Prabodhini, Kriroda, Distt. Jalgaon

Sl. No.	Name of the Teacher	Designation	Qualification	Research and Publication
1	Dr. R. G. Chaudhari	:-	1) Padavika Hindi adhyayan tatha adhyapan - Text Book for B.Ed. course	Publica-
1	Chaudhari	:-	2) Suvichar Hindi Vachan - Part I, II & III - Textbooks for Secondary Schools.	
			3) Handbooks for teachers of English - for Std. V. Under print.	
			4) Childrens' Dictionary - Under Print.	
			5) Hindi Bhasha Prabodh - Grammer & composition - Textbook	
			6) Accelerating the pace of the teaching of Hindi.	
			7) Cultivation of Demonstrative, citizenship.	
2.	Shri N.K. Chaudhari:-		1) Construction of Achievement Test in Mathematics - Completed	
			2) Construction and Standardisa-tion of a battery of Diagnostic Tests in Fundamental Arithmetic in progress.	
			3) Abhinava Ganit ; for Std. VIII - Textbook Abhinava Bhumiti ; -do-	
3.	Shri B.S. Deshpande :		1) Informal Education through Marathi Saint Literature - in progress - in English	
			common errors committed by the students of Std. IX - M.Ed. Research Paper.	
4.	Shri M.A. Zambre :		1) Correlation between the performance of the pupils in science and Mathematics.	
			2) Handbook for teacher of English - Std. VII - under print.	
5.	Shri D. H. Patil :-		1) Common errors committed by the pupils in English	
6.	Shri R. K. Fegade :-		1) Ahindi Vidyarthiyondwara Hindi Lekhanmen kee Janevali Galtiyonka Adhyayan.	

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7. Shri M.A. Chaudhari : 1) Handbooks for Mathematics Teachers of Std. V, VI, VII - in progress.
- 2) Preparation of programme on the topics included in the Appendix of the textbook in Mathematics for Std. V - in progress.
8. Shri M.M. Chaudhari : 1) Causes of Low Attainment in Geometry - A study - Research Paper .
9. Shri M. R. Agresar :- 1) Raising the standard of achievement of pupils - published in Maharashtra Educational Journal
- 2) Handbook for teacher of English - Std. VI - under print.
- 3) Educational Evaluation : - 'Bharatiya Shikshan' - Patrikamen prakashit.
10. Shri R. K. Mahajan:- 1) Survey of Laboratory equipment in secondary schools in the Prabodhini area - in progress.
11. Shri M. R. Chaudhari :- 1) To study the problem of late attendance of pupils of D.N. Vidyalaya, Khiroda & its administrative implications.
- 2) 'Jivshastra' - Std. VIII - textbook.

Appendix II

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List of Journals & Magazines received
by the College of Education, Khiroda.

1. Science Today.
2. Maharashtra Educational Journal
3. Educational India.
4. Sun shine.
5. The Progress of Education.
6. Lokrajya.
7. Kirloskar.
8. Manohar.
9. Shree.
10. Shetkarf
11. Uddham
12. Adhyapak.
13. Srishligyan.
14. Amrit.
15. Alpabachat.
16. Jiwan Sikshan.
17. Shivira Patrika
18. Dharmayug
19. Ashvani
20. Vidyarthi
21. Nayashikshak
22. Bharatiya Itihas Aur Sanskriti
23. Currier.
24. Kishore.
25. Sadhana.
26. Reader's Digest
27. Vigyan Yug.
28. Jigyasa
29. Vidyarthi Sahayak Samitichey Masik.
30. Bhartiya Sikshan.
31. Herald of Library Science.
32. Studio International
33. Maharashtrai Baiganik.
34. Practical Psychology.
35. Navanit.

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University Grants Commission

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Meeting :
Dated : February 7, 1973.

Item No. 15 : To consider the Report of Expert Committee appointed to examine the proposal of the V.O. Chidambaram College, Tuticorin (Madurai University) for the development of its postgraduate department of Chemistry during the 4th Plan period.

In May, 1971 the Madurai University forwarded and recommended a proposal from the V.O.C. College, Tuticorin for financial assistance from the Commission for the development of its postgraduate studies in Chemistry during the Fourth Plan period. Pending the assessment of overall requirements of the college by an expert committee, an initial grant of Rs.25,000/- to enable the college to meet its immediate needs in respect of laboratory equipment and library books and journals was provided as under :-

P.G. Deptt.	Purpose	Expenditure approved	
		Total	U.G.C.'s share
Chemistry	Lab. equipment	28,000	21,000
	Lib. Books & Journals	<u>5,333</u>	<u>4,000</u>
		<u>33,333</u>	<u>25,000</u>

As per decision above a Committee consisting of the following members was constituted to examine in details the proposals of the college for the development of its Post-graduate Department of Chemistry :

1. Prof. V. Baliah,
Head of the department,
Annamalai University,
Annamalainagar.
2. Dr. D. Shankar Narayan,
Additional Secretary,
University Grants Commission,
New Delhi.

The Committee visited the college on 30th November, 1972 and had discussions with the Principal and the Head of the department of Chemistry of the College and the Vice Chancellor of Annamalai University. As a result of discussions and the scrutiny of the proposals, the Committee has made the following observations regarding courses of study and purchase of equipment.

1. The Committee felt that keeping in view the regional needs and a considerable number of chemical industries being established in the Tuticorin port area, it would be appropriate for the college to orient its courses of study in Chemistry to meet

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on research problems emanating from or of relevance to such industries.

2. The Committee would like to suggest that in the matter of obtaining equipment, priority should be given to meet the teaching needs of the M.Sc. classes before highly sophisticated equipment required for research work is obtained.

The Committee recommended the following grants to the college in addition to the initial grant of Rs. 25,000 already made available, for the remaining 4th Plan period:

P.G. Deptt. Purpose	<u>Expenditure approved</u>	
	<u>Total</u>	<u>UGC's share</u>
	Rs.	Rs.
Chemistry I. Lab. fittings & furniture	40,000	20,000
II Lab. equipment	80,000	60,000
III Books & Journals	28,000	21,000
IV Workshop shed	10,000	5,000
V Workshop equipment	10,000	7,500
Total N. R.	1,68,000	1,13,500

Recurring : One ~~Mechanic~~ Blower for workshop in the scale of Rs. 150-10-250 Expenditure to be shared on 50% basis upto 31.3.1974. Thereafter, the entire expenditure to be met by the College.

The report of the Committee is attached as Annexure.

The matter is placed before the Commission for consideration.

E. O. (Sc.I) / Addl. Secy.

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Annexure to Item No. 15

Report of the Expert Committee appointed to examine the proposal of the V. O. Chidambaram College, Tuticorin (Madurai University) for the development of its Postgraduate Department of Chemistry during the Fourth Plan period.

The Madurai University forwarded with its recommendations, in May 1971, a proposal from the V.O. Chidambaram College, Tuticorin for the development of its Postgraduate Department of Chemistry. The assistance was requested by the College in respect of the following items :

Department	Purpose	<u>Total Expenditure</u>	<u>U.G.C. Share</u>
		Rs.	Rs.
Chemistry	Building	1,00,000	50,000
	Equipment	1,00,000	75,000
	Books	33,340	25,000
		<u>2,33,340</u>	<u>1,50,000</u>

The proposal was examined and a grant of Rs. 25,000/- was agreed to be paid to meet the urgent requirements of the laboratory equipment and library books etc., pending examination of the proposal by a visit of an Expert Committee to the College subsequently. Accordingly, a Committee consisting of the following visited the College on 30th November, 1972.

1. Professor V. Baliah,
Head of the Department of Chemistry,
Annamalai University,
Annamalainagar.
2. Dr. D. Shankar Narayan,
Additional Secretary,
University Grants Commission.

The Committee had discussions with the Principal and staff of the Department of Chemistry with regard to the pattern of organisation of postgraduate studies in Chemistry and the requirements of the department thereof.

The V.O. Chidambaram College, which was established in the year 1951, was given affiliation by the Madurai University to start postgraduate courses in Chemistry from July 1970 with an intake of 16 students. The College offers instruction in B.A./B.Sc./B.Com/B.B.A. Amongst the science subjects taught in the College viz. Physics, Chemistry, Mathematics, Botany, Zoology and Geology, the college has been permitted to do M.Sc. Chemistry and the Committee was informed that the College has subsequently obtained permission for starting M.Sc. Physics classes from the next academic year. The College has a strength of about 2,500 students with about 120 staff members in the different departments. Nearly, 1,000 students reside in the hostels attached to the College.

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The M.Sc. classes in Chemistry began in the year 1970 with an intake of 16 students. In the subsequent year the College admitted 22 students. However, the admission has now been brought back to the approved number of 16 during 1972-73. In the first batch of 15 students who appeared in the M.Sc. final examination of Madurai University in April 1972, ten students passed - one of them in first class and seven others in second class. The Committee examined the marks obtained by the students admitted during the past three years. The Committee is happy to note that the College has been able to attract mostly students with first class in the B.Sc. examination. In fact in the first admissions in 1970-71 all the students had obtained first class. In the admissions made in 1971-72, only five out of a total of 22 students had obtained a second class and all other were first class. During the year 1972-73, fifteen students have been admitted; of them only three students are in second class, the remaining being first class students.

The department started with an initial staff of one Professor, one Lecturer and one Demonstrator. The Madurai University provided a post of Reader to assist in the postgraduate teaching at this Centre. In the second year the College created posts of two more lecturers and one Demonstrator. Besides the staff in the department, the department has established the practice of inviting teachers from neighbouring colleges and the university department to deliver series of lectures on specialised topics. The instructional programme at the M.Sc. level includes seminar talks by members of the staff as well as persons invited from other institutions. The staff are also engaged in research work and two of the teachers have received assistance from the UGC under its scheme of financial assistance to teachers for undertaking research or learned work.

The College has incurred considerable expenditure in order to set up the postgraduate department of Chemistry. The postgraduate department is housed in a separate building distinct from the undergraduate classes and constructed at a cost of about Rs. 2.5 lakhs. The College has obtained essential teaching equipment at an expenditure of about Rs. 1.75 lakhs and has provided a recurring expenditure of Rs. 30,000 per annum for running the laboratories. The College has also spent about Rs. 25,000 on books and about Rs. 5,000 per annum on scientific journals.

The Committee also scrutinised the courses of study offered. The Committee felt that keeping in view the regional needs and a considerable number of chemical industries being established in the Tuticorin port area, it would be appropriate for the college to orient its courses of study in Chemistry to meet the demands of trained manpower and to engage on research problems emanating from or of relevance to such industries. The Committee had an occasion to discuss this problem with the Vice Chancellor of Madurai University also. The Vice Chancellor was of the view that it was not necessary for every college affiliated to Madurai University to follow

the same course of study and the University would be willing to consider proposals from individual colleges desirous of orienting their courses of study to meet the local or regional industrial needs. In this connection he mentioned that one of the colleges in Madurai city had already been permitted in that manner to revise its M.Sc. Physics course. Such a progressive approach on the part of the University is really commendable and the Committee therefore, hopes that the V.O. Chidambaram College would be able to obtain suitable advice and devise its courses of study for M.Sc. courses in Chemistry and also for M.Sc. Physics in consultation with the industry being established in the Tuticorin area. The staff of the department are also engaged in research mainly in the fields of Chemical Kinetics and Physical Chemistry. Some work is also being done in the area of Organic Photochemistry, High Polymer Chemistry to the extent the present facilities permit.

The proposals placed before the Committee indicating the requirements of the Department of Chemistry include augmenting the library collections and obtaining back volumes of journals etc., development of research facilities by obtaining necessary equipment and to equip the laboratory with necessary fittings required for instructional programmes and also research work. The Committee, therefore, recommends that the following grants may be made available for the development of postgraduate Department of Chemistry in this College during the Fourth Plan period :

	Total
(a) Laboratory fittings and furniture	Rs. 40,000/-
U.G.C.'s share 50%	Rs. 20,000/-
(b) Scientific equipment	Rs. 80,000/-
U.G.C.'s share at 75%	Rs. 60,000/-
(c) Library books and Journals	Rs. 28,000/-
U.G.C.'s share at 75%	Rs. 21,000/-
(d) Development of Workshop facilities including workshop shed and workshop equipment	Rs. 10,000/-
(i) For workshop shed	Rs. 10,000
UCC's share 50%	Rs. 5,000/-
(ii) Workshop equipment	Rs. 10,000
U.G.C.'s share at 75%	Rs. 7,500/-
(iii) Workshop staff of one Technician or Glass Blower in the scale of Rs. 150-10-250 (expenditure to be shared on 50% basis	

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upto March 1974. There-
after entire expenditure
is to be met by the
College)

The Committee would like to suggest in the matter of obtaining equipment, priority may be given to meet the teaching needs of the M.Sc. classes before highly sophisticated equipment required for research work is obtained. The Committee hopes that the assistance recommended above would help in the development of the Department of Chemistry and that this department would be able to meet the requirements of trained personnel in Chemistry for industry developing in the Tuticorin area.

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UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 42 : To consider the recommendation of the Committee appointed by the Commission to prepare a scheme for Administrative Training for Senior Staff in Universities.

The Commission at its meeting held on the 5th April, 1972 (Item No. 42) considered a proposal from the Administrative Staff College, Hyderabad regarding programme on administration for university Registrars and Deputy Registrars. The Commission felt that it may be more effective and economical if the proposed programme was organised jointly by some of the Department of Business Management in the Universities in co-operation with institutions such as the Administrative Staff College (Hyderabad) and the Institute of Educational Planning and Administration (New Delhi). The Commission desired that steps may be taken to organise a pilot programme for Registrars/Deputy Registrars in the academic year 1972-73.

In pursuance of the above decision of the Commission a Committee was constituted to prepare a scheme for Administrative Training for Registrars and Deputy Registrars.

A meeting of the Committee was held on the 7th August, 1972. A copy of the minutes of the meeting is attached (Annexure).

After detailed discussion the following consensus was reached:-

There should be thrice types of programmes:-

1. A national level programme for the Registrars and Deputy Registrars which should be of about two weeks duration.
2. Regional level programmes for Assistant Registrars, Superintendents and other supervisory staff which could be of longer duration;
3. Local level programmes to be organised by each university for its own staff working on the ground level.

The first programme should be of a general nature with orientation towards training in the field of functional areas. This programme should highlight a comparative study of the system of higher education in India and other countries. At the same time it should emphasise and impart instruction in the qualities required of an administrator to work with the academic staff, the students, the public and also provide training for the organisation of the university system i.e. resources, management, financial accounting, examinations, etc. A broad indication of the topics to be covered in the national level programme is indicated in the appendix. An annotated bibliography of

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the teaching material may also be prepared. Dr. Amrik Singh, Secretary, IUB agreed to undertake this responsibility.

In order to conduct the national level programme, the University Grants Commission might identify one or more institutions in the country to organise these programmes. After one or two national level training programmes have been successfully organised, the regional level training courses might also be initiated in a few centres. Here also the University Grants Commission might help in identifying these university centres for holding these courses. At these regional level programmes specialised activities like examinations, financing, servicing of university bodies, etc., might be gone into in greater detail.

The Committee recognised that the establishment of All India and Regional Level Institutes was of paramount importance. The preparation of suitable teaching material could also be taken in hand at these institutes.

At the suggestion of the Committee it is proposed, in the first instance to request the Bombay University to suggest a scheme for this course.

The matter is placed before the Commission for consideration.

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The meeting of the Committee appointed by the Commission to prepare a scheme for Administrative Training for Registrars and Deputy Registrars in Universities was held on 7th August, 1972 at 11 A.M. in the UGC. The following were present:-

- (1) Prof. M.V. Mathur,
Director,
Asian Institute of Educational
Planning and Administration,
New Delhi.
- (2) Dr. Amrik Singh,
Secretary,
Inter-University Board of India & Sri Lanka.
- (3) Prof. Besant C. Raj,
Administrative Staff College,
Hyderabad.
- (4) Shri T.V. Chidambaran,
Registrar,
Bombay University,
Bombay.
- (5) Shri S.S. Prabhu,
Indian Institute of Science,
Bangalore.
- (6) Shri T.P. Issar,
Registrar,
Bangalore University,
Bangalore.
- (7) Shri J.K. Kohli,
Director,
Department of Administrative Reforms,
Ministry of Home Affairs.
- (8) Shri R.K. Chhabra,
Secretary, UGC.
- (9) Shri L.R. Mal,
Education Officer, UGC.

Professor K.S. Basu of the Jannalal Bajaj Institute of Management Studies, Bombay and Prof. D.P. Sinha of the Indian Institute of Management, Calcutta could not attend the meeting.

The Committee was informed that the Administrative Staff College, Hyderabad had organised a special workshop for principals of affiliated and constituent colleges of Osmania University. The Staff College had offered to organise a programme in University Administration for University Registrars and Deputy Registrars. The matter was considered by the University Grants Commission and it was felt that it may be more economical and effective if the proposed programme was organised jointly by some of the departments of Business Management in the Universities in cooperation with institutions such as the Administrative Staff College,

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Hyderabad and the Institute of Educational Planning & Administration, New Delhi. The Commission also desired that steps may be taken to organise pilot projects for Registrars/Deputy Registrars in the academic year 1972-73. The Committee was further informed that with a view to improving the administration of the universities, the Commission had organised a Conference of the Registrars of Universities in three series which were held in September, November and December, 1970. The purpose of the conference was to provide an opportunity for exchange of views regarding common problems; the application of modern concepts of administration, organisation of management of universities and colleges and to discuss specific measures which would help rationalisation and improvement in the working efficiency of the secretariat, functioning of committees, admission procedures, organisation of examinations, publication of results and administration generally. The conference had concentrated its work on the following items:

- (a) processing the work of university authorities (Senate, Syndicate and Academic Council).
- (b) General administration;
- (c) Implementation of development programmes of the UGC.
- (d) Student services in the university;
- (e) University responsibility and affiliated colleges;
- (f) Admission procedures in universities and colleges.

A working Group had been appointed to prepare the papers on the above topics.

It was pointed out that in a country of the size of India we have to take into account not only the training needs of the Registrars and other functionaries in the universities but also the colleges which provided facilities to a large majority of the students. To tackle this gigantic task it would be necessary for more than one agency to handle this problem. At present no consultancy services were available to the universities for matters concerning university administration. Unless and until a substantial number of assistant registrars and other officers of the supervisory level were trained there may not be any effective improvement in university administration no matter what other measures are taken to provide administrative training to Registrars and Deputy Registrars. There have to be two types of training courses - intensive courses for the lower rung of the administrative cadre and orientation courses for the higher rung of the administrative cadre in the universities. For both types of courses there was need to identify the training needs of each course and also for preparation of pedagogical material. It was pointed out in this connection that the banks had also started training programmes for different levels of workers. The National Institute of Bank Management, Bombay has taken up the training of officers at the level of regional managers. For the staff at other levels,

training programmes are being organised by the banks themselves and self-instructional material is supplied to the workers by the banks.

After detailed discussion with regard to the type of training courses for different levels of the administrative staff in the universities, the coverage of each course etc., the consensus reached was that there should be three types of programmes (1) a national level programme for the Registrars and Deputy Registrars which should be of about two weeks duration; (2) Regional level programmes for Assistant Registrars, Superintendents and other supervisory staff which could be of longer duration; (3) Local level programmes to be organised by each university for its own staff working on the ground level.

The first programme should be of a general nature with orientation towards training in the field of functional area. This programme should highlight a comparative study of the system of higher education in India and other countries. At the same time it should emphasise and impart instruction in the qualities required of an administrator to work with the academic staff, the students, the public and also provide training for the organisation of the university system i.e. resources, management, financial accounting, examinations, etc. A broad indication of the topics to be covered in the national level programme is indicated in the appendix. An annotated bibliography of the teaching material may also be prepared. Dr. Amrik Singh, Secretary, IUB, agreed to undertake this responsibility.

In order to conduct the national level programme, the UGC might identify one or more institutions in the country to organise these programmes. After one or two national level training programmes have been successfully organised, the regional level training courses might also be initiated in a few centres. Here also the UGC might help in identifying these university centres for holding these courses. At these regional level programmes specialised activities like examinations, financing, servicing of university bodies, etc., might be gone into in greater detail.

The Committee recognised that the establishment of All India and Regional Level Institutes was of paramount importance. The preparation of suitable teaching material could also be taken in hand at these institutes.

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OUTLINE OF THE 2-4 WEEK SELF-DEVELOPMENT
PROGRAMME FOR REGISTRARS

A. PHILOSOPHY OF HIGHER EDUCATION:

i) Examination of the different types of fundamental philosophical systems of higher education;

ii) Factors of stress that have altered the philosophy of higher education;

1. Stress of explosion in knowledge bringing in two contradictory developments - fragmentation of disciplines and inter-disciplinary subjects;

2. Explosion in numbers bringing about again two contradictory attitudes - greater awareness for privileges of education, and the other, dilution of standards of education.

3. Stress of the community at large for society-oriented approach.

B.

I. Examination of recent documents of higher education prepared by foreign universities/Indian Universities and Commissions e.g. Harvard Report, Robbins Report, James Report, Radhakrishnan Commission, Kothari Commission and reports of other Commissions/Committees of relevance to the subject.

II. History of higher education in India from Mecauly Despatch to the establishment of the first three universities in 1857.

III. Evolution of different University Acts from the year of foundation till today with specific reference to involvement of administrators, academicians and students in the formulation of academic decisions.

IV. Present structure of higher education in India - its constitutional, governmental set up and financial set-up - lacuna in the system and remedy for its removal.

V. Present concept of higher education - different views.

VI. The future of Indian Universities.

C.

1. Modern trends in higher education - effect of technology on higher education with specific reference to Open University, Correspondence Courses, External Degrees, etc.

2. Concept of autonomy of university and concept of autonomous colleges vis-a-vis autonomy of the university and concept of academic freedom.

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3. Students facets of the university - challenge of students and how to meet them.

4. Administrative facets of university education - examination of the acts with specific reference to the different authorities and officers created to function in the university.

5. Detailed study of the officer created under the Act - the Registrar in relation to the administrative set up that works under his guidance - role of the Registrar.

6. Comparative study of the administrative set up in the different universities.

7. Major administrative functions - examinations; affiliation of colleges, servicing, relations with faculty and academic bodies, relation with executive authorities, physical involvement and administration, inter-university relations and UGC..

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UNIVERSITY GRANTS COMMISSION

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Meeting:

Dated: 7th February, 1973

Item No. 37 : To consider the recommendations made by the Pre-Institute Orientation meeting of the Directors of Indo-British Summer Science Institutes, Muffield Material 'A' Level - for College teachers 1973 held on January 6, 1973.

The pre-institute orientation meeting of the directors of Indo-British Summer Science Institute - Muffield Material 'A' level for college teachers (1973) was held on January 6, 1973, at New Delhi, under the chairmanship of Professor HJ Amikar, Head of the Department of Chemistry, Poona University. A copy of the proceedings of the meeting is enclosed (Annexure).

The following recommendations were made:-

1. The dates of the various institutes were ~~stipulated~~ as under:-

<u>Subject</u>	<u>Director and Location</u>	<u>Duration</u>	<u>Period</u>
Biology	Dr. (Mrs.) K. Jayaraman, Department of Biological Sciences, Madurai University.	3-weeks	June 4 - June 23, 1973.
Chemistry	Professor H.J. Amikar, Department of Chemistry, Poona University.	6-weeks	May 7 - June 16, 1973.
Mathematics	Professor M.K. Singhal, Department of Mathematics, Meerut University.	5-weeks	April 28 - June 2, 1973.
Physics	Professor Rais Ahmad, Department of Physics, Aligarh Muslim University.	4-weeks	June 10 - July 9, 1973.

2. It was observed that University Grants Commission has not made any provision for providing storage facilities for the costly equipment received from the UK under the scheme. The committee recommended that an additional amount of Rs.1000 may be sanctioned to each institute for purchasing cup-boards etc. for safe-storage of the equipment, apparatus.

3. It was observed that an amount of Rs.1500 has been provided for summer institutes in Biology, Chemistry and Physics and Rs.1,000 for institutes in Mathematics, for secretarial, clerical, class IV, laboratory assistant, medical expenses etc. This amount was not adequate and it was emphasised that in addition a separate provision of Rs.500/- may be made for laboratory assistance, technicians, demonstrators etc. in the case of summer institutes in Biology, Chemistry and Physics.

4. It was recommended that the University Grants Commission may make provision for making the subscription of one Indian journal and one British journal, suitable for undergraduate stage to each participant for a period of two years. This will evince and retain the interests of the participants in the programme and increase their efficiency.

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5). A provision of Rs.100 may be made for refreshment/hospitality to distinguished scientists/visitors to the institutes and connected with the institute programme. This could be operated by the director of the institute.

6). Five best participants from the previous years A-level staffed material Indo-British Summer science institutes may be permitted to be used on the staff of this years' institutes in addition to the normal complement of the staff, and the University Grants Commission may meet the T1/D1 expenses of these participants as regular participants. In addition, an honorarium of Rs.200 each may be made to such participants in the institute.

7). Allocation for the purpose of books for the reference library may be raised from Rs.1,000 to Rs.2,000/-.

8). The University Grants Commission may release 30% of the approved budget, some two months before the commencement of the institute.

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Annexure to Item No. 17

Proceedings of the pre-institute orientation meeting of the Directors of Indo-British Summer Science Institutes - Nuffield Material "A-Level" - for college teachers (1973) held on January 6, 1973.

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The Pre-institute orientation meeting of the directors on Indo-British summer science institutes-nuffield material 'A-Level' for college teachers (1973) was held at New Delhi on January 6, 1973. The following were present:-

1. Professor HJ Amikar,
Head of the Department of Chemistry,
Poona University.
2. Dr. SMR Ansari,
Reader, Department of Physics,
Aligarh Muslim University.
3. Professor MK Singhal,
Head of the Department of Mathematics,
Meerut University.
4. Professor S. Krishnaswamy,
Head of the Department of Biological Sciences,
Madurai University.
5. Dr. (Mrs.) K. Jayaraman,
Reader, Department of Biological Sciences,
Madurai University.
6. Mr. C. Horton,
Science Education Officer,
British High Commission.
7. Dr. RD Deshpande,
Joint Secretary,
University Grants Commission.
8. Shri YD Sharma,
Education Officer,
University Grants Commission.

Dr. RD Deshpande welcomed the Directors and informed that the Commission accorded a very high priority to this programme. He hoped that the quality of this programme would be very high as it was limited to one institute in each discipline and the institutes were being organised on an all-India basis.

The following observations and recommendations were made:-

1. The British High Commission would make available the services of two UK consultants to each of the summer institutes. It was emphasised that the British consultants should arrive 3-4 days before the start of the institute, if possible.

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2. The dates of the various institutes were finalised as under:-

<u>Subject</u>	<u>Director and Location</u>	<u>Duration</u>	<u>Dates</u>
Biology	Dr. (Mrs.) K. Jayaraman, Department of Biological Sciences, Madurai University.	3-weeks	June 4 - June 23, 1973.
Chemistry	Professor HJ Amikar, Department of Chemistry, Poona University.	6-weeks	May 7 - June 16, 1973
Mathematics	Professor MK Singhal, Department of Mathematics, Meerut University.	5-weeks	April 28 - June 2, 1973
Physics	Professor Rais Ahmed, Department of Physics, Aligarh Muslim University.	4-weeks	June 10 - July 9, 1973

3. In view of the past experience with this type of curriculum material, a three-week institute in Biology was supported in which (instead of a large number of participants having rushed through the entire portals of Biology) six groups will be guided by the academic staff of the department to experiment in a few clearly defined areas of the Nuffield curriculum. At the end of the period, the participants will put forward course-tested lab manuals to be printed or cyclostyled and distributed to all the participants.

4. The optimum number of participants for Biology, Physics, and Chemistry may be 40 and that for Mathematics 50 only.

5. These institutes will enrol participants on an all-India basis. The director of the institute would have complete control over the selection of participants. It was agreed that the directors would write to the heads of concerned departments in the universities asking them to suggest names from the staff of their departments and affiliated colleges. Finally, selection should, if possible, be not from more than 20-25 universities/institutions with a view to providing a good measure of concentration.

6. The University Grants Commission would advertise these institutes in the leading newspapers, as usual, in addition to the personal approach made by the directors to the various heads of departments.

7. It was stressed that only those items - books and equipment and apparatus - should be sent from Britain which are not at present available in India and which could be modified by participants in their own institutions/workshops. The directors would indicate their requirements out of the list of equipments etc. to Mr. Horton of the British High Commission for necessary action.

8. Mr. Horton was requested to ensure that the books, equipment and apparatus, due from the UK for these institutes, arrive at the institutes before these started.

9. Professor Amikar mentioned that one over-head projector required for the 1972 institute at Poona was not received. It was learnt that it was lost during transit and a payment of about Rs.2,000/- has been made to the University Grants Commission in this regard. Professor Amikar emphasised that for the successful implementation of the programme, the provision of an overhead project is a necessity and UGC may make necessary arrangements to make it available to the Chemistry

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10. It was observed that University Grants Commission has not made any provision for providing storage facilities for the costly equipment received from the UK under the scheme. The committee recommended that an additional amount of Rs.1000 may be sanctioned to each institute for purchasing cup-boards etc. for safe-storage of the equipment/apparatus.

11. It was observed that an amount of Rs.1500 has been provided for summer institutes in Biology, Chemistry and Physics and Rs.1,000 for institutes in Mathematics, for secretarial, clerical, class IV, laboratory Assistant, medical expenses etc. This amount was utterly inadequate and it was emphasised that in addition, a separate provision of Rs.500/- may be made for laboratory assistance, technicians, demonstrators etc. in the case of summer institutes in Biology, Chemistry and Physics.

12. It was stressed that the directors will write to the UGC in good time for any re-adjustment/re-appropriation they intended to make in the operation of the budget estimates for the prior approval of the Commission.

13. The participants as well as the academic staff of the summer institutes should discuss ways and means of organising the institute for the next year and make necessary recommendations in this regard.

14. The directors of the institutes would write to Mr. Horton of the British High Commission for making the films available for the institute.

15. For the Mathematics institute, it was emphasised that the British High Commission may provide a typewriter with mathematical symbols. It could be an electrical typewriter, if possible.

16. It was recommended that the UGC may make provision for making the subscription of one Indian journal and one British Journal, suitable for undergraduate stage, to each participant for a period of two years. This will evince and retain the interests of the participants in the programme and increase their efficiency.

17. A provision of Rs.100 may be made for refreshment/hospitality to distinguished scientists/visitors to the institutes and connected with the institute programme. This could be operated by the director of the institute.

18. Five best participants from the previous years A-level Nuffield material Indo-British summer science institutes may be permitted to be used on the staff of this year's institutes, in addition to the normal complement of the staff, and the University Grants Commission may meet the TA/DA expenses of these participants as regular participants. In addition, an honorarium of Rs.200 each may be made to such participants in the institute.

19. Allocation for the purpose of books for the reference library may be raised from Rs.1,000/- to Rs.2,000/-.

20. The University Grants Commission may release 80% of the approved budget, some two months before the start of the institute.

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 15 : To consider the proceedings of the meeting of the Committee appointed by the UGC to consider the question of holding Voluntary national examinations in Physics and Chemistry.

The University Grants Commission appointed a committee consisting of the following members to consider the suggestion for conducting voluntary national examinations in Physics and Chemistry.

- | | | |
|---------------------------------|---|---------------------------|
| 1. Professor Rais Ahmed | Ø | Professor R.C. Mehrotra |
| 2. Professor B. Ramachandra Rao | Ø | Professor N.V. Subba Rao |
| 3. Professor H.S. Hans | Ø | Professor R.C. Paul |
| 4. Professor F.C. Auluck | Ø | Professor Asima Chatterji |
| 5. Professor S. Chandrasekhar | Ø | Professor H.J. Arnikaar |

A meeting of the committee was held on 5th September, 1972 at the UGC Office. Dr. D.S. Kothari, Chairman, University Grants Commission, presided over the meeting. The following were present.

1. Professor Rais Ahmed,
Head of the Physics Department,
Aligarh Muslim University, Aligarh.
2. Professor F.C. Auluck,
Head of the Physics Department,
University of Delhi, Delhi.
3. Professor B. Ramachandra Rao,
Head of the Physics Department,
Andhra University, Waltair.
4. Professor R.C. Mehrotra,
Head of the Chemistry Department,
University of Rajasthan, Jaipur.
5. Professor N.V. Subba Rao,
Head of the Chemistry Department,
Osmania University, Hyderabad.
6. Professor R.C. Paul,
Head of the Chemistry Department,
Panjab University, Chandigarh.
7. Professor H.J. Arnikaar,
Head of the Chemistry Department,
Poona University, Poona.

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The proceedings of the meeting of the committee are attached (Annexure). The main observations and recommendations of the committee are summarised below:-

(a) The Committee recommended the holding of voluntary national examinations in selected subjects with the objective of maintaining and coordinating standards and enabling individuals and institutions to promote scientific achievement and aptitudes through self-assessment.

(b) The committee recommended that to begin with, the examinations should be held at the postgraduate level in selected subjects like physics, chemistry etc.

(c) It would be desirable that the tests are conducted under the auspices of a professional body like the National Academy of Sciences, Physics Association or a society registered for the purpose. The association or society conducting the national examination should, however, have the active support of a specialized body like the University Grants Commission.

(d) The committee recommended two types of tests. The first one could be a test of the knowledge and information type on the existing pattern of university examinations. These tests would be institution based and conducted at examination centres to be established in institutions which agree to join the scheme. The second kind of test will be problem oriented and individual based, which can be taken even by students in mofussil colleges and centres.

(e) Two examinations may be held each year in July and December. Considering the difficulties of students in case they have to travel long distances for taking the tests, at least ten centres may be established for the purpose on a regional basis. The centres may be selected on the basis of the total number of students registered at a particular centre. The number of papers should be between two and four. Each paper should be of three hours duration. The syllabus for the examination should be the core B.Sc. syllabus with modern orientation.

(f) A student who has passed the B.Sc. examination should be eligible to appear at the test. The examination will be held in English and the standard of the examination will be of the postgraduate level. The candidates getting the highest grades may be required to appear for a viva-voce test and some of the best students in the written and viva-voce test may be awarded junior fellowship by the University Grants Commission on the usual terms and conditions.

(g) The administrative arrangements for the formation of the society should be made by the University Grants Commission and financial support to the extent of about Rs. one lakhs per annum should be provided for meeting the expenditure on establishment, travel, meeting, correspondence, printing, contingencies etc.

(h) A society with the object of conducting the national examination to maintain high standards of performance in higher education should be set up. The members present at the meeting indicated their willingness to be members of such a society.

ANNEXURE TO ITEM NO 16

Proceedings of the meeting of the committee appointed by the University Grants Commission to consider the question of holding voluntary national examinations in Physics and Chemistry

The binational conferences in physics and biology recommended that a voluntary national examination should be conducted by a professional body or central organization in order to help compare and maintain standards. The Education Commission (1964-66) also recommended the setting up of a Central Testing Organization for a similar purpose.

The Committee on Examination Reform appointed by the Ministry of Education and Social Welfare recommended that:

"A National Examination in various subjects at the bachelor's level must be conducted by a central authority, on a purely voluntary basis. This examination could be designed to test creative thinking and comprehension of subject matter, so as to serve as a national index of performance and achievement by students at large and of various institutions. The examination ought to be conducted in all the regional languages and English and it should use a modern syllabus, and the best techniques of paper setting, evaluation and processing of raw scores. A certificate carrying a grade should be issued to only those participants who achieve the highest grade. The examination should be open to every one who wishes to take it."

The University Grants Commission appointed a committee to consider this suggestion for conducting voluntary national examinations in Physics and Chemistry.

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|---------------------------------|---|------------------------------|
| 1. Professor Rais Ahmed | Ø | Professor R.C. Mehrotra |
| 2. Professor B. Ramachandra Rao | Ø | Professor N.V. Subha
Rao |
| 3. Professor H.S. Hans | Ø | Professor R.C. Paul |
| 4. Professor F.C. Auluck | Ø | Professor Asima
Chatterji |
| 5. Professor S. Chandrasekhar | Ø | Professor H.J. Arnikar |

A meeting of the committee was held on 5th September, 1972 at 11 A.M. at the UGC Office, New Delhi. Dr. D.S. Kothari, Chairman, University Grants Commission, presided over the meeting. The following were present.

1. Professor Rais Ahmed,
Head of the Physics Department,
Aligarh Muslim University, Aligarh.
2. Professor F.C. Auluck,
Head of the Physics Department,
University of Delhi, Delhi.

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3. Professor B. Ramachandra Rao,
Head of the Physics Department,
Andhra University,
Waltair.
4. Professor R.C. Mehrotra,
Head of the Chemistry Department,
University of Rajasthan,
Jaipur.
5. Professor N.V. Subba Rao,
Head of the Chemistry Department,
Osmania University,
Hyderabad.
6. Professor R.C. Paul,
Head of the Chemistry Department,
Panjab University,
Chandigarh.
7. Professor H.J. Arnikar,
Head of the Chemistry Department,
Poona University,
Poona.

Officers of the Commission

The committee made the following recommendations:

(a) The idea of holding voluntary national examination in selected subjects was unanimously approved. The main objective of the voluntary national examination would be the maintenance and coordination of standards; and through self-assessment it would enable individuals as well as institutions to improve standards and promote scientific achievements and aptitudes. It would also provide the necessary incentive to the universities to upgrade their syllabi and to keep them abreast of developments in the subjects area concerned and improve their techniques of teaching and evaluation.

(b) It was agreed that to begin with, the examinations should be held at the postgraduate level in selected subjects like Physics, Chemistry etc. It would, however, be desirable to extend the scope of the examination to undergraduate pass and honours level at a later date when more experience is gained and the necessary tools are developed. It would also be possible to remove some of the financial and other constraints that are likely to hinder a wider coverage in the initial stages.

(c) It would be desirable that the tests are conducted under the auspices of a professional body like the National Academy of Sciences, Physics Association or a society registered for the purpose. The association or society conducting the national examination should, however, have the active support of a specialized body like the University Grants Commission.

(d) The committee recommended two types of tests. The first one could be a test of the knowledge and information type on the existing pattern of university examinations. These tests would be institution based and conducted at examination centres to be established in institutions which agree to join the scheme. The second kind of test will be problem oriented and individual based, which can be taken even by students in mofussil colleges and centres. The student will receive the papers at his home and submit answers in three to four weeks after consulting books and teachers if he so chooses. The main objective of this test will be application of knowledge and research orientation.

(e) Two examinations may be held each year in July and December. Considering the difficulties of students in case they have to travel long distances for taking the tests, at least ten centres may be established for the purpose on a regional basis. The centres may be selected on the basis of the total number of students registered at a particular centre. The number of papers should be between two and four. Each paper should be of three hours duration. The syllabus for the examination should be the core M.Sc. syllabus with modern orientation.

(f) The questions should be of the short answer type. This would enable the National Board to set papers with a fairly wide and representative coverage of the syllabus. Options in the paper should be severally restricted to internal choice with more or less equivalent standards.

(g) A number of examiners should be appointed for each paper in Physics and Chemistry. These examiners should purpose questions for the paper. The papers should be framed by a board consisting of three members for each subject. Two members of the board shall retire every year so that a fresh board may frame the paper every time. The examiners proposing the questions would also examine the scripts.

(h) The grade system should be used for evaluating the answer books instead of marks as in most of the university examinations at present.

(i) A student who has passed the B.Sc. examination should be eligible to appear at the test. The examination will be held in English and the standard of the examination will be of the postgraduate level. The candidates getting the highest grades may be required to appear for a viva-voce test and some of the best students in the written and viva-voce test may be awarded junior fellowship by the University Grants Commission on the usual terms and conditions.

(j) The administrative arrangements for the formation of the society should be made by the UGC and financial support to the extent of about Rs. 1 lakh per annum should be provided for meeting the expenditure on establishment, travel, meetings, correspondence, printing, contingencies etc.

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(k) A society with the object of conducting the national examination to maintain high standards of performance in higher education should be set up. The members present at the meeting indicated their willingness to be members of such a society. The details of the constitution and the membership of the society and its registration etc., may be decided by Professor D.S. Kothari and Professor F.C. Auluck. The memorandum of association may be drafted by the UGC Office.

(l) It was emphasised that although a registered society will be formed, it would be indicated that the society had the full support of the University Grants Commission.

(m) After the formation of the society and the sanction of financial assistance, the members representing physics and chemistry may meet separately to work out the syllabus, number of papers, names of examiners and other relevant details for the conduct of the national examination.

'CHUGH'

University Grants Commission

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Confidential
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Meeting :

Dated : February 7, 1973

Item No. 19 : To consider the recommendations of the advisory committee on summer institutes for social science subjects made at their meeting held on January 15, 1973.

A meeting of the advisory committee on summer institutes in social science subjects was held on January 15, 1973, under the chairmanship of Professor R. S. Sharma. The minutes of the meeting are enclosed (Annexure).

2. The committee inter-alia made the following recommendations :

(1) Twenty-eight summer institutes in social science subjects may be held during 1973 as under :

A. History

1. Andhra (Regional)
2. Baroda University (All India)
3. Guru Nanak (Regional)
4. Calcutta (All India)
5. Calicut (Regional)

B. Political Science

1. Nagpur University (Regional)
2. Orissa (All India in Public Administration)
3. Poona (Regional)
4. Magadh (Regional)

C. Economics

1. Orissa (All India)
2. Rajasthan (Regional)
3. Kerala (Regional)
4. Madurai (Regional)
5. Bombay University may be requested to organise a summer institute in demography in collaboration with Demographic Research Centre, Bombay.

D. Psychology

1. Utkal (All India)
2. Patna (All India)
3. Meerut (Regional)

E. Philosophy

1. Madras (All India)
2. Poona (All India)
3. Visva Bharati (All India)

F. Archaeology

1. Nagpur (All India)
2. Poona (All India)

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G. Geography

1. Banaras (Regional)
2. Bombay (Regional)
3. Gauhati (Regional)

H. Library Science

1. Karnatak (Regional)

I. Commerce

1. Madras (Regional)
2. Gorakhpur (Regional)

- (2) These institutes may be held for a duration of 3-4 weeks.
- (3) Guest/visiting lecturers invited to the summer institutes should deliver at least 5 lectures of one hour each.
- (4) Guest lecturers may be treated as non-official members of the UGC advisory committee and paid TA/DA accordingly.
- (5) The allocation for presentation of books to participants may be increased from Rs. 100 to Rs. 200 per participant.
- (6) The total ceiling of honorarium for payment to the academic staff may be raised from Rs. 3,800 to Rs. 4,500 so that adequate honorarium/remuneration may be paid to the guest lecturers for their lectures at the institute.
- (7) The U.G.C. may send a circular letter to all the DFIs and Education Secretaries in the States, Universities and Institutions deemed to be universities and Government as well as non-Government colleges requesting them to spare the academic staff for participation at the summer institutes on the faculty as well as a trainee and treat their period of absence as on duty.
- (8) The committee recommended that the material resources cell in economics, now functioning at Osmania University, may be extended up to the next institute i.e. up to November, 1973. It also recommended that the Osmania University may send a self-contained proposal for the continuation of this cell as a permanent feature which could be considered under appropriate programme of the U.G.C.

EO (SI)/JS (II)

Minutes of the meeting of the advisory committee on summer institutes in social science subjects held on January 15, 1973.

The meeting of the advisory committee on summer institutes in social science subjects (1973) was held on January 15, 1973, in the U.G.C. office. The following were present :

1. Professor R. S. Shama,
Chairman,
Indian Council of Historical Research
and Head of the Department of History,
Patna University
2. Professor N. R. Deshpande,
Department of Political Science,
Nagpur University.
3. Professor V. M. Sirsikar,
Department of Political Science,
Poona University.
4. Professor Gautam Mathur,
Department of Economics,
Osmania University.
5. Shri R. K. Chhabra,
Secretary,
University Grants Commission
6. Dr. R. D. Deshpande,
Joint Secretary,
University Grants Commission
7. Shri Y. D. Sharma,
Education Officer,
University Grants Commission.

Professor Satish Chandra, Vice-Chairman, University Grants Commission attended the meeting for some time.

Professor S. Gopal (Jawaharlal Nehru University) and Professor T. Raychaudhry (Delhi University) could not attend the meeting.

II

2. The committee considered the proposals received from the universities in various social science subjects and recommended that during 1973 summer institutes may be held at the following universities :

A. History

1. Andhra (Regional)
2. Daroda (All India)
3. Guru Nanak (Regional)
4. Calcutta (All India)
5. Calicut (Regional)

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B. Political Science

1. Nagpur University (Regional)
2. Osmania (All India in Public Administration)
3. Poona University (Regional)
4. Magadh (Regional)

C. Economics

1. Osmania University (All India)
2. Rajasthan (Regional)
3. Kerala (Regional)
4. Madurai (Regional)
5. Bombay University may be requested to organise a summer institute in demography in collaboration with Demographic Research Centre, Bombay.

D. Psychology

1. Utkal (All India)
2. Patna (All India)
3. Meerut (Regional)

E. Philosophy

1. Madras (All India)
2. Poona (All India)
3. Visva Bharati (All India)

F. Archaeology

1. Nagpur (All India)
2. Poona (All India)

G. Geography

1. Banaras Hindu University (Regional)
2. Bombay (Regional)
3. Gauhati (Regional)

H. Library Science

1. Karnatak (Regional)

I. Commerce

1. Madras (Regional)
2. Gorakhpur (Regional)

3. The Vikram University may be requested to organise a 2-week workshop in Economics.
4. The proposal of the Mysore University for summer institute in Economics for correspondence course etc. may be referred to the appropriate committee in the Commission.
5. The proposal of the Calicut and Madurai University may be considered by the appropriate committee of the Commission dealing with student affairs.

6. The committee may prepare the panel of experts in each subject and provide these lists to the directors of the summer institutes for utilising the services of experts in the subjects.
7. These institutes may be held for a duration of 3-4 weeks.

III

8. As regards the norms, the following recommendations were made :
 - (a) Guest/visiting lecturers invited to the summer institutes should deliver at least 5 lectures of one hour each.
 - (b) Guest lecturers may be treated as non-official members of the U.G.C. advisory committee and paid TA/DA accordingly.
 - (c) The allocation for presentation of books to participants may be increased from Rs. 100 to Rs. 200 per participant.
 - (d) The total colling of honorarium for payment to the academic staff may be raised from Rs. 3,800 to Rs. 4,500 so that adequate honorarium/remuneration may be paid to the guest lecturers for their lectures at the institute.
 - (e) The U.G.C. may send a circular letter to all the DPIs and Education Secretaries in the States, Universities and Institutions deemed to be universities and Government colleges as well as non-Government requesting them to spare the academic staff for participation at the summer institutes on the faculty as well as a trainee and treat their period of absence as on duty.

IV

9. The Committee recommended that the material resources cell in economics now functioning at Orissa University may be extended up to the next institute i.e. up to November, 1973. It also recommended that the Orissa University may send a self-contained proposal for the continuing of this cell as a permanent feature which could be considered under appropriate programme of the U.G.C.

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UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 29 : To consider the suggestions made by the Department of Science and Technology, Government of India for evolving a coordinated policy for research fellowships and grants to the universities by the central examine with a view to ensuring the optimum use of the researches in this field.

At the instance of the Prime Minister, the Department of Science and Technology, Government of India is proposing to have an exercise, to ensure that the policies followed by the various central agencies for award of Research fellowships and grants are so orchestrated that they result in purposeful and planned training and utilization of research cadres in the universities.

The idea for evolving a coordinated policy for award of Research fellowships and grants by all the central agencies came from the new policy adopted by the C.S.I.R. on the recommendation of the Sarkar Committee that the schemes financed by it should be of relevance to its activities. The new policy envisages award of research fellowships and grants with a view to establishing a communication with the universities and other institutions of higher learning in areas of relevance to its activities and giving support to inter-disciplinary projects. The C.S.I.R. has, therefore, decided that two third of the Senior Fellowships of the value of Rs.500/- p.m. which are available for post-doctoral research work be devoted to problems of relevance to the C.S.I.R. whereas the remaining 1/3rd may be awarded to open-ended research or multi-disciplinary and new areas. One third of the Junior Research Fellowships of the value of Rs.300/- p.m. which are available for doctoral work would be devoted to problems which have a direct relevance to the C.S.I.R. and the remaining 2/3rd be awarded for open-ended research. Similarly 2/3rd of the research schemes for which grants are sanctioned by the C.S.I.R. would be for areas of direct relevance to it while 1/3rd be devoted to inter-disciplinary and new areas. C.S.I.R. also proposes to sponsor long range programmes by providing support to promising new fields and establishing schools of research. A copy of the statement indicating the new policy adopted by the C.S.I.R. for award of Research Fellowships and grants is attached (Annexure I).

The Department of Science and Technology proposes to undertake a study of the policies adopted by the various central agencies for award of Research Fellowships and grants and have a meeting of the heads of all agencies for a discussion on the development of better coordination and orchestrated policy in this field. A copy of the letter received from the Secretary, Department of Science and Technology, Government of India is attached (Annexure II).

The University Grants Commission at present awards three categories of fellowships in Sciences, Humanities including Social Sciences and Engineering & Technology. In addition, the Commission also awards financial assistance to teachers for research work and has also a

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scheme for utilization of services of retired teachers towards teaching and research work. Details of these schemes are given in the attached note (Annexure III). The fellowships awarded on all India basis are normally intended for open-ended research and selections are made on the recommendations of an expert committee.

The matter is placed before the Commission for consideration.

A.S. (SF)/J.S. (II)

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Annexure I to Item No. 20

COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Subject: New approach for the award of Senior/
Junior Fellowships, Research Schemes
and Research Centres etc.

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The CSIR has been spending between Rs.1.3 to 1.4 crores on funding research schemes and senior and junior fellowships in the Universities, Indian Institute of Technology and other institutions. Till recently, most of these have pertained to open-ended research. The Sarkar Committee recommended that the schemes financed by the CSIR should be of relevance to its activities. It was, however, felt that besides funding relevant research, CSIR should also continue to discharge the function of promoting scientific talent and finance newer areas and emerging technologies in scientific and industrial research. A new approach has been worked out by the CSIR with the object of establishing communication with the universities and higher academic institutions of science and technology in areas of relevance to the CSIR activities and giving support to inter-disciplinary projects.

The first task has been to acquaint the universities, academic and research institutions with the research programmes and activities of the CSIR to enable them to interact and present schemes related to these. An area-wise/subject wise classified list of research programmes of the CSIR laboratories giving titles and a brief description of the project along with the names of the project investigators/leaders has been prepared. This document will be widely disseminated among the individual scientists and research departments in the universities/IITs. They would be invited to put up research schemes and programmes related to the long range and basic aspects of the CSIR programmes and projects. Similarly, a subject-wise compilation of research capability and current research programmes of different universities and IITs would also be compiled and circulated amongst the scientists working in the national laboratories. This two-way interflow of information about their respective activities would bridge the information gap and help interlinking the research in national laboratories and universities on the basis of applied and fundamental aspects directed towards the same objective.

The Scientists/Directors of the national laboratories are also being requested to give some thought to the fundamental aspects of their problems/projects under investigation and farm these out to the universities/IITs where requisite competence might exist. Informal contacts between the scientists and the university professors/teachers would help in exploring the willingness of the university scientists to take over the fundamental/basic aspects.

The Research Committees are being reconstituted and advised to identify multi-disciplinary projects and newer areas which may need financial support. They may also

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identify certain long range research/training programmes for extended financial support. These should be on the basis of future perspective and foreseeable needs of the CSIR. While inviting applications for research fellowships, research schemes and research centres on well specified projects, the CSIR will be prepared to give adequate support by way of staff, equipment, instruments, materials and foreign exchange required for projects of direct relevance to its work.

Since the senior fellowships are awarded to scholars after they have completed their Ph.D., it has been decided that 2/3rd of these fellowships be devoted to problems of relevance to CSIR while 1/3rd will be for open-ended research on multi-disciplinary and newer areas. In the case of junior fellowships which have the additional objective of providing experience in research to talented young scientists the preparation of fellowships of direct relevance will be 1/3rd while 2/3rd may be awarded for open-ended research. Two-thirds of the research schemes will be for areas of direct relevance while 1/3rd will be devoted to inter-disciplinary and newer areas. Once an area of research has been clearly identified and the merit of programme established, the CSIR would give adequate funds and inputs. CSIR would also be willing to sponsor long range programmes and research centres to grow science by providing support to promising new fields and establishing schools of research. Here also, the CSIR would give adequate inputs including support for laboratory, pilot plant, capital equipment, instruments, books and essential foreign exchange component for a limited period of 5 years.

The objective of these changes is to reorient the thinking amongs the scientists and scholars that their research effort would form a part of the overall programmes of the CSIR in keeping with the Science & Technology Plan of the NCST.

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Annexure II to Item No. 20

A copy of letter No. D.O./DST/S/204/72/1811 dated December 7, 1972 received from Shri A.J. Kidwai, Secretary, Department of Science and Technology, Vigyan Bhavan Annexe, New Delhi-11 addressed to Dr. D.S. Kothari, Chairman, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi.

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I enclose copy of a letter (Appendix) which I have sent to heads agencies at the instance of the Minister of Industrial Development, Science & Technology, inviting them to participate in an exercise for a fuller orchestration of the fellowship and research grants policy which various agencies are following in the universities.

I felt the need to write to you a separate letter in this connection. The UGC is in a unique position to contribute substantially to this exercise. On the one hand it has a large fellowship programme of its own; on the other its universities are at the receiving end of these fellowships and can provide the contractors' angle on the operation of the customers.

I shall be grateful if you would kindly ask the UGC to supply the information about fellowship policy requested in our circular letter. Also it would be extremely interesting to get factual information and comments of the main universities which are the major receivers of research grants and fellowships from the various agencies.

We will then look forward to your participation in the meeting which the Minister would be convening in this connection.

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Appendix

A copy of letter No.D.O. No.DSI/S/204/72 dated December 6, 1972 received from Shri A.K. Kidwai, Secretary, Department of Science & Technology, Vigyan Bhavan Annexe, New Delhi-41 addressed to the University Grants Commission, New Delhi.

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Recently a statement about the CSIR's new policy for award of research fellowships, research schemes and the establishment of research centres (outside CSIR laboratories) was submitted for the information of the Prime Minister, whereupon P.M. recorded the following minute:

"I am glad to hear of the new policy and practices which the CSIR has adopted for its schemes of Research Fellowships and Grants to universities. It is most appropriate to use these schemes primarily to orientate research and advanced manpower training in our universities and along directions which relate to the applied work in government laboratories and thus to the programmes of the national Science and Technology Plan. I wonder if similar orientation could be given to the Research Grants Schemes operated by other major scientific agencies such as the DDO, the ICAR and the ICMR. Perhaps you could explore this matter and in consultation with the agencies concerned, initiate steps to bring this about."

The Prime Minister's idea in initiating this exercise is to ensure that the fellowship and research grant policies followed by the various agencies in pursuance of their own mission are so orchestrated that they result in purposeful and planned training and utilisation of our research cadres in the universities.

The Minister of Industrial Development, Science and Technology, therefore, feels that mutual exchange of views with the object of evolving a concerted and fully coordinated policy for research fellowships and grants to the universities would be extremely beneficial both to the research effort as well as ensure the optimal use of our resources in this field. He suggests, therefore, two steps:

1. A statement about the philosophy and objectives of your fellowships and research grants policy may be prepared in your organisation and sent to us. It may please contain details of the type of fellowships and research grants you offer and the total resources from your budget which are devoted to this activity. I enclose a copy of CSIR's statement which would be an illustrative example of the type of information that is needed. But this is not necessarily a perfect model and you are welcome to add anything else by way of information and comments which would stimulate a lively discussion of the problem.
2. The statements will be circulated by the Department of Science & Technology to all heads of agencies and the UGC after which the Minister will invite heads of all scientific agencies and the Chairman of the UGC for a discussion on the development of better coordinated and orchestrated policy in this field.

The Minister hopes very much that you will cooperate fully in this exercise which he is undertaking at the instance of the Prime Minister.

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Details regarding Fellowships, Financial Assistance to Teachers for research work and the Utilization of Services of Retired Teachers:1. (a) Research Fellowships in Sciences, Humanities and Social Sciences

The Commission awards annually on all-India basis 60 Senior and 120 Junior Research Fellowships in Sciences and Humanities (including Social Sciences) to provide an opportunity to research students and teachers to undertake advanced study and research in Science & Humanities including Social Sciences. The value of the Junior and Senior Research Fellowships is Rs.300/- p.m. and Rs.500/-p.m. respectively. In addition, each fellowship carries an annual grant of Rs.1,000/- for meeting authorised contingent expenditure connected with the research work. Provision also exists for a grant of Rs.2000/- during the tenure of award for publication of the research work completed during the tenure of fellowship and for approved field work by the fellow.

Junior Research Fellowships are open to persons, preferably below the age of 30, who have at least one year's research experience after obtaining a master's degree of a recognised university in the first or second class. Senior Research Fellowships are intended for research workers and teachers preferably below the age of 45, who have obtained a doctorate degree or have equivalent published research work to their credit and have already proved their aptitude for original and independent research. Senior Research Fellowships are tenable for a period of two years extendable by one year in special cases, and Junior Research Fellowships are tenable for a period of three years.

The awards under the research fellowship scheme are made twice a year on the recommendation of a Selection Committee.

In addition to these 120 Junior Research Fellowships awarded by University Grants Commission on all-India basis, the Commission had been allocating every year a specific number of Research Scholarships of the value of Rs.250/- p.m. each to the universities. In 1970-71, 600 such research scholarships were placed at the disposal of 70 universities. From 1.4.1971, the value of the research scholarships was raised from Rs.250/- p.m. to Rs.300/- p.m. and the contingency grant from Rs.500/- to Rs.1,000/- p.a. and the name of Research Scholarship has been changed to Junior Research Fellowships. With effect from 1.4.1971, the Junior Research Fellowship scheme (formerly known as Research Scholarship scheme) has been transferred to the universities for implementation. Instead of allocating specific number of fellowships to each university, it has been decided that lump sum grants may be allocated to the universities for this purpose. On the recommendations of the Standing Committee for Scholarships and Fellowships, the Commission allocated a sum of Rs.83,85,000/- to 78 universities during the current year.

(b) Research Fellowships in Engineering & Technology

Sixty Research Fellowships in Engineering & Technology are awarded by the Commission every year. These are intended to provide an opportunity to research students and teachers to undertake

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advanced study and research in Engineering & Technology. Persons below the age of 40 who have got a master's degree in Engineering & Technology from a recognized university in the first or second class and have shown aptitude for research work are eligible. The value of the fellowship is Rs.400/- p.m. but candidates who have already obtained a doctorate degree and wish to do post-doctoral research work are considered for award of a fellowship of the value of Rs.500/- p.m. In addition, each fellowship carries an annual grant of Rs.1,000/- for meeting authorised contingent expenditure connected with the research work. Provision also exists under the scheme for a grant of Rs.2,000/- during the tenure of award for publication of the research work completed during the tenure of fellowship and for approved field work by the fellow.

The selection under the scheme is made once a year on the recommendations of a selection committee appointed by the University Grants Commission. The fellowships are tenable for a period of two years and may be extended upto a period of one year in special cases on the recommendations of the Supervisor and the Institution.

2. Financial Assistance to Teachers for Research Work

The scheme of financial assistance to teachers for research work was introduced during 1963-64. The Commission's assistance to a teacher is limited to Rs.5,000/- at a time for field work, computation work or for purchase of equipment, apparatus (or for its fabrication), chemicals, books which are specially required for the project, and are not normally provided by the university/college where the teacher is employed. The scheme is intended to provide assistance to teachers working in the universities, colleges and institutions approved under the University Grants Commission Act for research/learned work specially to college teachers and junior teachers in universities who have shown a genuine aptitude for research work. In special cases, proposals from retired teachers who are doing teaching/research work in an honorary capacity in an approved institution for assistance under the scheme may be considered provided they are not in receipt of honorarium/allowance etc. from any other source.

The selections for a grant of assistance under the scheme are made twice a year on the recommendations of the Selection Committee. The assistance provided to a teacher is expected to be utilized within a period of two years.

3. Utilization of Services of Retired Teachers:

The scheme is intended to assist universities and colleges to avail of the services, for research/teaching, of retired teachers of outstanding merit who have crossed the age of retirement. Teachers with an outstanding record of teaching/research work in a university, college or institution of higher learning recognised under the UGC Act are eligible for participation in the scheme after their retirement from service. The awardees are expected to devote at least six hours a week to "contact work" with students (teaching, seminars, guidance of research) besides his study and research under the scheme. Such of the teachers who do not participate in research are expected to devote about 10 hours a week to teaching/seminars. A teacher in this category may also take up a book writing project with the approval of the University Grants Commission.

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An honorarium of Rs.6,000/- a year is paid to the teachers selected under the scheme. In addition, an amount of Rs.1,000/- a year is available for contingent expenditure connected with a teacher's work under the scheme. The university, college or institution where an awardee works may pay to him an honorarium upto a maximum of Rs.4,000/- a year with the approval of the Commission. The participants under the scheme are not, however, required to accept any other full-time or part-time assignment during the tenure of the award.

The assistance to a teacher under the scheme is limited to a period of three years, in the first instance. It may be extended thereafter till the age of 68 but total period of award does not normally exceed five years. Awards are made twice a year on the recommendations of a duly constituted committee.

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University Grants Commission

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Meeting :
Dated : February 7, 1973.

Item No. 21 : To consider the proposal received from the Government of Mysore for the establishment of a University of Agricultural Sciences at Dharwar.

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The Government of Mysore have sent a proposal for the establishment of a University of Agricultural Sciences at Dharwar for the approval of the U.G.C. The proposal is stated to have been approved by the State Cabinet. The new university is proposed to be started with effect from the academic year 1973-74. A copy of the note on the proposal as received from the Government of Mysore is attached (Annexure I). The views of the Director-General, Indian Council of Agricultural Research on the proposal of the Government of Mysore, have been invited which are awaited.

A list of existing Agricultural Universities in the different states is at Annexure II.

The matter is placed before the Commission for consideration.

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ESTABLISHMENT OF ANOTHER UNIVERSITY OF AGRICULTURAL SCIENCES IN MYSORE STATE.

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INTRODUCTORY :

The University of Agricultural Sciences, Bangalore was established by an Act of the Mysore Legislature in 1965. Three Colleges, 34 Research Stations and 44 Research Schemes were transferred to the University to form its corpus. So far as the Mysore State is concerned, this was the first step in the implementation of the recommendation of the Radhakrishnan Education Commission that Agricultural Universities should be set up in the country to meet the growing needs of agricultural research and the extension of the results of such research to the fields. The Education Commission of 1964-66, it may be mentioned here, also emphasised the need for starting at least one agricultural university in every State, considering the effect which agricultural production had on the economy of the country as a whole.

The USAID Team Report of 1962, which led to the establishment of the present University at Hebbal, had recommended establishment of two agricultural universities simultaneously, one at Hebbal, and another at Dharwar, considering the needs of the State (extract from the Report may be seen at flag ' '). However, the State Government decided to set up only one university in the first instance.

Since 1965, after the establishment of the Agricultural University at Hebbal agriculture in the State has taken a big stride. The factors which have contributed to this impressive progress are -

- (1) The introduction of high yielding seeds, including Hybrid seeds, for the first time in 1965-66 and their rapidly increasing popularity ever since.
- (2) The growing popularity of the multi-cropping pattern among farmers ;
- (3) The increase in the price of agricultural commodities, making it more attractive to grow more ;
- (4) Sizeable increase in the area brought under irrigation as a result of major and minor irrigation projects ;
and
- (5) More liberal provision of credit for the purchase of inputs than in the past.

Need to Locate an agricultural University in Northern Mysore.

The maximum impact of the projects already completed, like the Tungabhadra and the Ghataprabha projects, has been on the northern part of the Mysore State and projects

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like Upper Krishna and Malaprabha, which are scheduled to be contemplated by 1975-76, will be adding another 13 lakh acres to the irrigated area in this part of the State. In addition, a massive programme of minor and lift irrigation works has been launched throughout the State and even this will result in a sizeable addition to the irrigated area in Northern Mysore. All this has added considerably to the importance of Northern Mysore from the point of view of Agriculture and agricultural research and the need for focussing attention on this area, considering its special agro-climatic requirements, has been increasingly felt. That the existing university near Bangalore, which is situated in Southern Mysore - with its own agro-climatic character and requirements - is not in a position to meet fully the requirements of agricultural development of the State as a whole, has been increasingly felt for some time past. The establishment of 5 Regional Research Centres under the University to cover the requirements of the whole State worked satisfactorily for some years after the establishment of the University and was welcomed to start with, since it marked a step ahead from the previous situation in which repeatative petty efforts were made in a very large number of research centres by an assorted group of persons not necessarily qualified or fitted for research, causing the meagre available resources to be spread too thin on items of research which had little or no bearing on the problems in the field. However, it has been increasingly felt that one of the main justifications for this pattern of regional research, viz., that the regional centres should have co-ordinating functions and should play an extension role, by feeding back the experience of the farmer of the region, itself makes it desirable that such regional centres should not be remote controlled if research and feed-back are to have the necessary supervision and quality. The University located at Bangalore cannot thus adequately serve the requirements of Northern Mysore districts like Dharwar, Bidar, Belgaum, North Kanara, Raichur, Gulbarga, Bidar and Bellary. As already stated, this area has assumed considerable importance from the point of view of agriculture and this importance is likely to grow manifold in the years to come because of the rapid expansion of irrigation and the break-through achieved by the use of high yielding varieties, of seeds and the multi-cropping and the other advanced techniques. This part of the State is mostly black-soil area, posing a number of special problems. These problems need sustained and specialised attention if a break-through is to be achieved in the important black soil crops like cotton. It is only then that agricultural education will serve its purpose of providing the required know-how in its natural environment and it is only then that the agricultural graduates will be able to enter the enrich the agricultural life of the area.

Dharwar, the Ideal Choice.

It is against the above background that it is proposed to establish the second University of Agricultural Sciences, in the State at Dharwar. Dharwar already has a well-established Agricultural College started in the year

1947, just a year after the one at Hebbal. A Regional Research Station is attached to this College, and a number of ICAR schemes are located here. A dairy farm established in 1947 is also attached to the College. A big farm comprising 1170 acres forms a part of the campus, of which 200 acres are irrigated and 100 acres grow horticultural crops. There are, besides, 2 tanks, 15 open wells and 5 bore wells. A wide range of crops like jowar, cotton, groundnut, chillies, paddy, wheat and sugarcane are grown on the farm. An Indo-Danish farming project is soon to be started at Dharwar. A well established Gramsevak training centre with Home science wing is also located very near the College. The College campus is situated in a rural setting which admits of future expansion without intrusion into the town.

Another big advantage offered by Dharwar - which will minimise the effort involved in converting the existing College into a university - is the fact that post-graduates courses were started in the College as early as 1950 under the Karnatak University. Post-Graduate Courses at present run in the College under the University of Agricultural Sciences are those leading to M.Sc. (Agri) and Ph.D., in Agronomy and Agri-Botany. The starting of some more post-graduates courses including Dairy Science, has been approved in principle.

Jurisdiction of the Proposed University.

The jurisdiction of the proposed University will comprise the following districts :

Dharwar, Belgaum, Bijapur, North Kanara, Gulbarga, Bellary, Raichur and Bidar. The following institutions, with their assets and liabilities, could be transferred to the new University from the existing University at Hebbal :

1. Agricultural College, Dharwar.
2. Agricultural Engineering Institute, Raichur.
3. All Agricultural Research Stations, located in the above mentioned 8 districts, and
4. All I.C.A.R. schemes in execution in the above districts.

In addition, the following institutions of the State Government could be transferred to the new University :

- (i) Gramsevak Training Centres at Dharwar, Bagalkot and Gangavathi.
- (ii) Livestock, poultry and fisheries and farms located in the above districts.
- (iii) Rural Institute, Hanumanamatti,
- (iv) Agricultural Schools and Farms located at Arbhavi, Kumta and Devihosur, and Agricultural Museum at Dharwar.

Nature and Organisation

The new University may have the same character as the

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existing one at Hebbal and may have generally, the same administrative and academic structure. However, the number and nature of disciplines and faculties will depend on the recommendation of the Study Team which will be sent by the University Grants Commission. It is presumed that this team will include representatives of the I.C.A.R.

Finance

1. The budget allotments made for the institutions, farms, and schemes located in the above mentioned districts, along with their assets and liabilities, may be transferred to the new University.
2. The block grants provided by the State Government to the existing University at Hebbal and the grants received from the I.C.A.R. by that University, may be apportioned on a suitable basis between the two institutions.
3. Public donations and loans raised from the respective areas for the existing University may be apportioned among the respective universities.
4. In addition to the above, and depending on such arrangements as the University Grants Commission and the State Government may arrive at in the light of the recommendations of the Study Team, additional grants may be provided by the State Government and I.C.A.R.
5. Any addition to the maintenance expenditure, immediately following from the upgradation of the College at Dharwar, may be borne by the State Government.

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Sl. No.	University	Year of establishment
1.	G. B. Pant University of Agriculture and Technology, Pantnagar, Distt. Nainital (U.P.)	1960
2.	Punjab Agricultural University, Ludhiana (Punjab)	December, 1962
3.	University of Udaipur, Udaipur (Rajasthan)	12th July, 1962.
4.	Orissa University of Agriculture & Technology, Bhubaneswar (Orissa)	24th August, 1962.
5.	Andhra Pradesh Agricultural University, 'Dilkusha', Hyderabad (A.P.)	
6.	University of Agricultural Sciences, Hebbal, Bangalore-24 (Mysore)	
7.	Jawaharlal Nehru Krishi Vishwavidyalaya, Jabalpur (M.P.)	1st October, 1964
8.	University of Kalyani, P.O. Kalyani, Distt. Nadia, (West Bengal).	1965
9.	Mahtma Phule Krishi Vidyapeeth, Rahuri, Distt. Ahmednagar, (Maharashtra)	29th March, 1968
10.	Punjabrao Krishi Vidyapeeth, Krishinagar, Akola, (Maharashtra)	20th October, 1969.
11.	Assam Agricultural University, Jorhat-4 (Assam)	1st April, 1969
12.	Haryana Agricultural University, Hissar (Haryana)	2nd February, 1970
13.	Rajendra Agricultural University, Patna-14 (Bihar)	3rd December, 1970
14.	Kerala Agricultural University, Mannuthy, Distt. Trichur, (Kerala)	26th February, 1972
15.	Tamilnadu Agricultural University, Coimbatore-3 (Tamilnadu)	1st June, 1971
16.	Gujarat Agricultural University, Capital Project Building, Gujarat Agricultural College, Annexe, Ahmedabad-6	1st February, 1972
17.	Konkan Krishi Vidyapeeth, Dopob, Distt. Ratnagiri, Maharashtra	10th May, 1972
18.	Maratiwada Krishi Vidyapeeth, Pavbhari	18th May, 1972

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

(111)

Meeting:

Dated: 7th February, 1973

Item No. 23: To receive a note on the amendments to the Acts of the Universities.

The Central Government is responsible for coordination and determination of standards in institutions of higher education and research and scientific and technical institutions in terms of Entry 66 of the Union List in the 7th Schedule to the Constitution. Further under Section 12 of the UGC Act, it is the general duty of the Commission to take, in consultation with the universities or other bodies concerned, all such steps as it may think fit for the promotion and coordination of university education and for determination and maintenance of standards of teaching, examination and research in universities.

In December, 1965, the Union Education Minister had suggested to all the Chief Ministers that a convention should be adopted by which no university legislation should be undertaken and no university Act should be amended without first consulting the University Grants Commission and the Central Ministry of Education. Subsequently, the question was discussed in the Ninth Education Ministers' Conference held at Madras in 1966. The Conference agreed to the principle of consultation among the State Governments concerned, the University Grants Commission and the Central Ministry of Education in respect of all important legislative proposals (including amendments in university Acts) at the initial stage itself.

In some of the States, there have been major amendments of the university Acts and in some states new bills have been introduced for this purpose. No reference in this regard has been made to the University Grants Commission. This is also not in keeping with the recommendations of the Committee on Governance of Universities and Colleges and is not in the best interest of a coherent development of higher education in the country.

The Union Education Minister has written to all the Ministers of Education in the States on 30th November, 1972 drawing their attention to the desirability of consulting the University Grants Commission and the Ministry of Education and Social Welfare in the initial stage of the introduction of legislation for the amendment of the Universities' Acts. A reference has also been made to the State Governments to find out whether the State Governments have amended the Acts of the Universities or it is proposed to amend the Acts in the near future.

The matter is reported to the Commission.

E.O. (CD)

University Grants Commission

Confidential

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Meeting:

Dated: 7th February, 1973

Item No: 23: To receive a note on the Gujarat University Act
(Amendment Bill)

The Government of Gujarat have introduced a bill in the State Legislature to amend the Gujarat University Act. A copy of the Bill is attached (Annexure)

Some of the important provisions of the bill are given below:-

- (1) The office of the Rector has been re-designated as Pro-Vice-Chancellor.
2. The Gujarat University Act provides that Vice-Chancellor shall be nominated by the Chancellor from amongst four persons recommended by the Senate. The Bill proposes that the Chancellor shall in consultation with the State Government nominate the Vice-Chancellor from amongst three persons recommended by the Court provided that no person who has completed the age of 65 years or who if recommended would complete the age of 65 years at the time of his appointment shall be recommended by the Court. The tenure of the Vice-Chancellor has been increased from three years to five years in the Amendment Bill and he shall not be eligible for nomination for a further term in the University.
3. The Senate and Syndicate have been re-designated as Court and Executive Council respectively.
4. The following additional authorities of the University are proposed to be established:
 - (a) The Board of Extra-mural Studies.
 - (b) The Board for Students' Welfare.
 - (c) The Board for Hostels' Management.
 - (d) The Academic Planning Board.
- 5.(a) The University Librarian has been included as an ex-officio member of the Court.
 - (b) The Chief Justice of Bombay or any other judge of the High Court, nominated by him, the Minister of Education, Bombay

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of an Officer of Government nominated in this behalf by the Minister have been deleted from the list of ex-officio members.

- 6) The Gujarat University Act provides one Dean elected by Deans of Faculties from amongst themselves to be member of the Syndicate. The Bill provides that one Dean of the Faculty nominated by the Vice-Chancellor by rotation from amongst the Deans of Faculties to be a member of the Executive Council. The Bill also provides for the following in the composition of the Executive Council:
 - a) Two University Professors elected by the Court from amongst its members;
 - b) Three Principals of affiliated colleges elected by the Court from amongst its members;
 - c) One teacher of a University Department, other than a Professor, elected by the Court from amongst its members.
 - d) Two teachers of affiliated colleges, other than Principals, elected by the Court from amongst its members.
 - e) Two members of the Academic Council who are teachers elected by the Academic Council from amongst the members of the Court.
 - f) Two persons, not being teachers nominated by the Chancellor from amongst the members of the Court.
 - g) One representative of the governing bodies of affiliated colleges elected by the Court from amongst its members;
- 7) In the composition of the Academic Council instead of the Heads of the University Departments, five representatives of University Professors and Heads of University Departments elected by them from amongst themselves in the manner specified in the Statutes have been provided. Further instead of Chairmen of the Board of Studies, the Bill provides for not more than 18 Chairmen of Board of Studies nominated by the Vice-Chancellor by rotation in the manner specified in the Statutes. The Bill also provides for two persons nominated by the Executive Council from amongst its members to be on the Academic Council.
- 8) The Gujarat University Act provides that the term of office of a Dean shall be such as may be determined by the Statutes. The Bill proposes that the Dean shall hold office for a term of three years and shall be eligible for being re-elected to that office for a further term of three years only.
- 9) The Bill provides that every college other than a Government college or college maintained by the

Government affiliated before the commencement of the Gujarat University Amendment Act, 1972 shall be under the management of a Governing Body which shall include amongst its members the Principal of the College, a representative of the University nominated by the Vice-Chancellor, at least one representative each of the teachers of the College, the members of the non-teaching staff and the students of the College to be elected from amongst themselves. It further provides that every such college shall have a Selection Committee which shall include a representative of the University nominated by the Vice-Chancellor for recruitment of the Principal and teachers of the College.

- 10) Provision has also been made that there shall be an Inspection Committee consisting of the Pro-Vice-Chancellor as the Chairman and such other members as may be appointed by the Executive Council to inspect an affiliated college.
- 11) Provision has also been made for the conferment of autonomy on colleges and University departments in the matters of (a) admission of students, (b) prescribing the courses of studies, (c) imparting instructions and training, (d) holding of examinations and (e) the powers to make necessary rules for this purpose.
- 12) The Bill makes provision that there shall be committees for selection of different classes of full-time teachers of the University including tutors and demonstrators.
- 13) Provision has been made for the formation of Joint Consultative Committees for the purpose of promoting welfare of the members of the non-teaching staff of the University affiliated colleges and recognised institutions as may be deemed necessary by the University.
- 14) The Bill provides that every member of the teaching, other academic and non-teaching staff of an affiliated college shall be appointed under a written contract. The Bill also makes provision for the reference of dispute between affiliated college or recognised college or approved institution and its staff members to be nominated by Tribunal or arbitration. The Tribunal shall consist of one member nominated by the Governing Body of the College, one member nominated by the member concerned and an Umpire appointed by the Vice-Chancellor.
- 15) Provision has been made for pension, insurance and provident Fund of staff of the college etc., in the Bill. The Governing Body in affiliated college shall make adequate provisions for the benefit of the members of the teaching, other academic and non-teaching staff of such college or institution in matters of insurance pension and provident fund or for other benefits to the extent its financial resources permit.

The matter is placed before the Commission.

Amended to Item No 23

Extra No. 40

REGISTERED No. G-448



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Separate paging is given to this Part in order that it may
be filed as as a separate compilation.

PART V

Bills introduced in the Gujarat Legislative Assembly

(To be translated into Gujarati and the translation to be published in the Gujarat Government Gazette. The date of publication to be reported).

The following Bill is published under the proviso to rule 125 (1) of the Gujarat Legislative Assembly Rules:—

L. A. BILL NO. 47 OF 1972.

A BILL

further to amend the Gujarat University Act, 1949.

It is hereby enacted in the Twenty-third Year of the Republic of India as follows:—

1. (1) This Act may be called the Gujarat University (Amendment) Act, 1972.

Short
title and
commencement.

(2) It shall come into force on such date as the State Government may, by notification in the *Official Gazette*, appoint.

Amendment of Bom. 50 of 1949.

2. In the Gujarat University Act, 1949 (hereinafter referred to as "the principal Act"),—

(1) throughout the Act, for the word "Senate" wherever it occurs, the word "Court" shall be substituted;

(2) throughout the Act, for the word "Syndicate" wherever it occurs, the word "Executive Council" shall be substituted.

Amendment of section 2 of Bom. 50 of 1949.

3. In section 2 of the principal Act,—

(1) after clause (1), the following clauses shall be inserted, namely:—

"(1A) "approved institution" means an institution approved under section 35A;

(1B) "autonomous college" means a college which exercises the powers conferred on it under section 38B;

(1C) "autonomous recognized institution" means a recognized institution which exercises the powers conferred on it under section 38B;

(1D) "autonomous University Department" means a University Department which exercises the powers conferred on it under section 38B;"

(2) for clause (11), the following clause shall be substituted, namely:—

"(11) "Statutes", "Ordinances", "Regulations" and "Rules" mean respectively the Statutes, Ordinances, Regulations and Rules of the University made under this Act;"

(3) in clause (15), for the word "Schedule" the word and figure "Schedule I" shall be substituted.

Substitution of section 4 of Bom. 50 of 1949.

4. For section 4 of the principal Act, the following shall be substituted, namely:—

Powers of the University.

"4. Subject to such conditions as may be prescribed by or under the provisions of this Act, the University shall have the following powers, namely:—

(1) to provide for instruction, including correspondence courses, teaching and training in such branches of learning and courses of study as it may think fit, to make provision for research, advancement and dissemination of knowledge, and to conduct special under-graduate courses for talented students;

(2) to make such provision as would enable affiliated colleges, recognised institutions and approved institutions to undertake specialization of studies;

(3) to establish, maintain, take over by agreement and manage colleges, departments, centres and institutes of research or specialized studies;

(4) to organize common laboratories, libraries, museums and other equipment for teaching and research;

(5) to establish within the University area or outside that area such field stations, specialized laboratories and other units for research and instructions as are necessary for the furtherance of its objects;

(6) to create such teaching, administrative and other posts as the University may deem necessary from time to time and to make appointments thereto;

(7) to institute professorships, readerships, lecturerships and other posts of teachers required by the University;

(8) to appoint or recognize persons as professors, readers, or lecturers, or otherwise as teachers of the University;

(9) to guide teaching and research work in colleges, University Departments, University centres and recognized institutions;

(10) to lay down the courses of instruction for the various examinations;

(11) to institute degrees, diplomas and other academic titles and distinctions;

(12) to hold examinations or tests and confer degrees and diplomas on, and grant certificates to, persons who—

(a) have pursued approved courses of study in the University or in an affiliated college, unless exempted therefrom, in the manner prescribed by the Statutes, Ordinances, Regulations and Rules and have passed the examinations or tests prescribed by the University, or

(b) have carried on research under conditions prescribed by the Statutes, Ordinances, Regulations or Rules;

(13) to confer honorary degrees or other academic distinctions in the manner laid down by Statutes;

(14) to grant such diplomas to, and to provide such lectures, instruction and training to, persons who are not enrolled students of the University, as may be determined by the Statutes, Ordinances, Regulations and Rules;

(15) to withdraw or cancel any degree, diploma or certificate conferred or granted by the University in the manner prescribed by Statutes;

(16) to associate or admit educational institutions with or to the privileges of the University by way of affiliation, recognition or approval;

(17) to withdraw or modify either in whole or in part, affiliation, recognition or approval of educational institutions;

(18) to submit to the State Government proposals for conferment of autonomy on any affiliated college or a University college, or a University Department or a recognized institution entitling it to privileges in the matters of admission of students, prescribing the courses of study, imparting instruction, teaching and training in the courses of study, the holding and conduct of examinations and the powers to make necessary rules for the purpose;

(19) to withdraw autonomy conferred on any affiliated college, recognized institution or a University College or Department;

(20) to inspect colleges, recognized institutions and approved institutions and to take measures to ensure that proper standards of instruction, teaching and training are maintained in them and that adequate library and laboratory provisions are made therein;

(21) to lay down and regulate the salary scales, allowances, and other conditions of service of the members of the teaching, other academic and non-teaching staff of the University;

(22) to lay down and regulate the salary scales, allowances and other conditions of service of the members of the teaching, other academic and non-teaching staff in the affiliated colleges and recognized and approved institutions;

(23) to provide for the establishment and recognition of students' unions or associations of teachers, academic staff or other employees of the University, affiliated colleges and recognized institutions;

(24) (a) to control and co-ordinate the activities of, and to give financial aid to, affiliated colleges and recognized and approved institutions, and

(b) to regulate the fees to be paid by the students in affiliated colleges, and recognized and approved institutions;

(25) to hold and manage trusts and endowments;

(26) to institute and award fellowships, travelling fellowships, scholarships, studentships, medals, prizes and other awards;

(27) to make special provision for the spread of University education among classes and communities which are educationally backward;

(28) to lay down courses of study to meet the requirements of rural planning, development and reconstruction and to provide for instruction, teaching and training in such courses;

(29) to make special provision for disseminating knowledge and promoting arts and culture;

(30) to fix, to demand and to receive or recover such fees and other charges as may be prescribed by Ordinances;

(31) to establish, maintain and manage hostels;

(32) to recognize hostels not maintained by the University, to inspect such hostels and to withdraw recognition therefrom;

(33) to co-ordinate, supervise, regulate and control the residence, conduct and discipline of the students of the University and to make arrangements for promoting their health and general welfare;

(34) to take disciplinary action against the students of the University and to impose such punishments upon them as may be deemed fit for breach of discipline or misconduct, within or outside the University, including the use of unfair means at an examination or in relation thereto by themselves or by any other persons or abetment thereof;

(35) to conduct, co-ordinate, supervise, regulate and control post-graduate teaching and research work in the University Departments, affiliated colleges and institutions recognized or approved by the University;

(36) to co-ordinate, supervise, regulate and control the conduct of under graduate teaching and instruction in the affiliated colleges and to undertake the same in University colleges;

(37) to institute and manage—

(a) Printing and Publication Department,

(b) University Extension Boards,

(c) Information Bureaux, and

(d) Employment Bureaux;

(38) to make provision—

(a) for Continuing Education, Adult Education, Extra-Mural teaching, Extension Services and other recognized educational activities;

(b) for physical education, National Cadet Corps, National Service Scheme, National Sports Organization, military training and such other recognized activities;

(c) for Students' Unions; and

(d) for sports and athletic activities;

(39) to co-operate with any other universities, authorities or associations or any other public or private bodies in such manner and for such purposes as the University may determine;

(40) to make arrangements for training for competitive examinations for recruitment of services under the Union and State Governments;

(41) to promote the development of the study of Gujarati and Hindi (in Devnagari script) and the use of Gujarati or Hindi (in Devnagari script) or both, as the media of instruction and examination;

(42) to acquire, hold, manage and dispose of any property movable and immovable, including trust or endowed property within or outside the University area, for the purposes or objects of the University and to invest any funds representing such property in such manner as the University thinks fit;

(43) to raise public loans on the security of the assets of the University for the purposes of the University, with the previous approval of the State Government;

(44) to enter into any agreement for the incorporation in the University of any other institution and for taking over its rights, properties and liabilities and for any other purpose not repugnant to this Act;

(45) to do all such other acts and things, whether incidental to the powers aforesaid or not, as may be requisite in order to further the objects of the University and generally to cultivate and promote Arts, Science and other branches of learning and culture.”.

Amendment
of section
6 of Bom.
50 of 1949.

5. In section 6 of the principal Act, the word “title” occurring at both the places shall be deleted.

Amendment
of section 8
of Bom. 50
of 1949.

6. In section 8 of the principal Act,—

(a) in item (iii) for the word “Rector” the word “Pro-Vice-Chancellor” shall be substituted;

(b) in item (v), the word “and” shall be deleted;

(c) after item (v), the following item shall be inserted, namely:—

“(v-a) The University Librarian, and”.

7. In section 10 of the principal Act,—

Amendment
of section
10 of Bom.
50 of 1949.

(1) for sub-section (1) the following sub-section shall be substituted, namely:—

“(1) The Chancellor shall in consultation with the State Government nominate the Vice-chancellor from amongst three persons recommended by the Court:

Provided that no person who has completed the age of sixty five years or who if recommended would complete the age of sixty-five years at the time of his appointment shall be recommended by the Court.”;

(2) for sub-section (2), the following sub-section shall be substituted, namely:—

“(2) The Vice-Chancellor shall hold office for a term of five years and he shall not be eligible for nomination for a further term in the University.”;

(3) for sub-section (3), the following sub-section shall be substituted, namely:—

“(3) (a) During the leave or absence of the Vice-Chancellor, or
(b) in the event of a permanent vacancy in the office of the Vice-Chancellor, until an appointment is made under sub-section (1) to that office,

the Pro-Vice-Chancellor, if any, and in the absence of the Pro-Vice-Chancellor one of the Deans nominated by the Chancellor for that purpose shall carry on the current duties of the office of the Vice-Chancellor.”.

8. For section 12 of the principal Act, the following shall be substituted, namely:—

Substitu-
tion of
section 12
of Bom. 50
of 1949.

“12. (1) The Court may, by resolution, decide whether appointment shall or shall not be made to the office of the Pro-Vice-Chancellor. Pro-Vice-Chancellor.

(2) If the Court decides that appointment shall be made to the office of the Pro-Vice-Chancellor, the Pro-Vice-Chancellor shall be appointed by the Chancellor, on the recommendation of the Vice-Chancellor.

(3) No person who has previously held the office of the Pro-Vice-Chancellor of the University for any two terms or who has completed the age of sixty five years shall be eligible for appointment as Pro-Vice-Chancellor.

(4) The Pro-Vice-Chancellor shall hold office for a term of five years or for a term expiring on the date on which he shall complete the age of sixty-five years, whichever is less.

(5) The Pro-Vice-Chancellor shall be a whole-time salaried officer and his emoluments and conditions of service shall be such as shall be determined by the Statutes.

(6) The Pro-Vice-Chancellor shall be the principal inspecting officer of the University and shall exercise such of the powers and perform such of the duties of the Vice-Chancellor as the Vice-Chancellor may either specially or generally confer or impose on him, with the approval of the Executive Council.

(7) The Pro-Vice-Chancellor shall preside—

(a) in the absence of the Chancellor and the Vice-Chancellor at the meetings of the Court, and

(b) in the absence of the Vice-Chancellor at the meetings of any other authority of the University or a Committee thereof.”.

Amendment
of section
13 of Bom.
50 of 1949.

9. In section 13 of the principal Act, for the words “in accordance with the Statutes to be framed in this behalf and his emoluments” the words “in accordance with the recommendation made by the Selection Committee to be constituted by the Executive Council in the manner prescribed by Statutes and his qualifications, emoluments” shall be substituted.

Substitu-
tion of
section 15
of Bom. 50
of 1949.

10. For section 15 of the principal Act, the following section shall be substituted, namely:—

Authorities
of University.

“15. The following shall be the authorities of the University, namely:—

- (i) The Court,
- (ii) The Executive Council,
- (iii) The Academic Council,
- (iv) The Faculties,
- (v) The Boards of University Teaching and Research,
- (vi) The Boards of Studies,
- (vii) The Board of Extra-mural Studies,
- (viii) The Board for Students' Welfare,
- (ix) The Board for Hostels' Management,
- (x) The Academic Planning Board,
- (xi) Such other bodies of the University as may be declared by the Statutes to be the authorities of the University.”.

11. For section 16 of the principal Act, the following section shall be substituted, namely:—

Substitution of section 16 of Bom. 50 of 1949.

“16. (1) The Court shall consist of the following members, namely:— The Court.

Class I Ex-Officio members

(A) University Officers.

- (i) The Chancellor,
- (ii) The Vice-Chancellor,
- (iii) Ex-Vice-Chancellors of the University residing in the State,
- (iv) The Pro-Vice-Chancellor, if any,
- (v) The Registrar,
- (vi) The University Librarian;

(B) Others—

(i) The Director of Education, or an officer not below the rank of a Joint Director of Education designated by such Director;

(ii) The Director of Technical Education, or an officer not below the rank of a Joint Director of Technical Education designated by such Director;

(iii) The Director of Health and Medical Services, or an officer not below the rank of a Joint Director of Health and Medical Services, designated by such Director;

(iv) The Director of Manpower Employment and Training, if any, or an officer, not below the rank of a Joint Director of Manpower Employment and Training designated by such Director;

(v) The Chairman of the Gujarat Secondary School Certificate Examination Board.

Class II—Ordinary members

(A) Elected as specified below:—

(i) two members by the Gujarat Legislative Assembly from amongst its members;

(ii) one member by each of the following bodies from amongst its members, namely:—

- (a) The Municipal Corporation of the City of Ahmedabad,
- (b) The Chamber of Commerce, Ahmedabad,
- (c) The Registered Trade Unions in the University area in the manner specified in the Statutes,

(iii) one member by Head Masters of secondary schools within the University area from amongst themselves in the manner specified in the Statutes;

(iv) one member by secondary teachers of high schools excluding head masters thereof within the University area from amongst themselves in the manner specified in the Statutes;

(v) one member each elected facultywise by registered graduates in each of the Faculties from amongst themselves in the manner specified in the Statutes;

Provided that the number of such members shall not exceed ten and if the number of Faculties exceeds ten, the Faculties shall be suitably grouped in ten groups in the manner specified in the Statute for the purpose of electing ten such members;

(vi) one member each by—

- (a) the Bar Council of the State of Gujarat from amongst its members,
- (b) the Gujarat Medical Council from amongst its members,
- (c) the Institute of Engineers (India), Gujarat Centre from amongst its members;

(vii) three members by the governing bodies of colleges affiliated to the University in the manner specified in the Statutes, as follows:—

(a) one member by the governing bodies of such colleges situated within the limits of the City of Ahmedabad as constituted under the Bombay Provincial Municipal Corporations Act, 1949, and

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(b) two members of the governing bodies of such colleges situated outside the limits of the City of Ahmedabad;

(viii) thirteen members by teachers of affiliated colleges having teaching experience of less than ten years in a college or any University established by law in the State from amongst themselves and twenty-seven members by other teachers (excluding Deans of Faculties, Professors of University Departments, Heads of Recognized Institutions and Principals of colleges) from amongst themselves in the manner specified in the Statutes;

(ix) such number of Principals of affiliated colleges, not exceeding thirty-five, as may be fixed in the proportion of one for every four Principals of such colleges, from amongst themselves in the manner specified in the Statutes.

(B) (i) Four students to be elected in the manner specified in the Statutes, as follows, namely:—

(a) two members elected by post-graduate students from amongst themselves, and

(b) two members elected by undergraduate students from amongst themselves:

Provided that where a student has been a member for any two academic years, he shall not be eligible for reelection thereafter.

(ii) one representative of the members of non-teaching staff of the University, affiliated colleges, recognized institutions and approved institutions to be elected in the manner specified in the Statutes:

Provided that for the purpose of election of Ordinary members a person entitled to stand as a candidate or to vote in more than one constituency shall before such date as may be appointed by the Statutes, elect the constituency from which he desires to stand as a candidate or to vote at the election and shall not be entitled to stand or vote in more than one constituency.

(C) Two members to be elected in the manner specified by the Statutes from amongst themselves by donors each donating money or property of the value of not less than such sum of rupees as may be specified in the Statutes —

(a) to, or for purposes of, the University, or

(b) to, or for purposes of, a college or institution affiliated to or recognized by the University, irrespective of whether the donation was made before or after such affiliation or recognition :

Provided that the right of electing members on the Court shall not extend beyond the period of twenty years from the date of acceptance of such donation by the college, institution or, as the case may be, the University.

Explanation—For the purpose of this paragraph, the value of property means the market value of the property at the date of acceptance and the decision as to market value shall rest with the Executive Council and shall be final.

(D) (i) Twelve members nominated by the Chancellor as follows, namely :

(a) four Deans of Faculties,

(b) three Professors of University Departments,

(c) three University teachers other than professors of University Departments;

(d) two heads of recognised institutions :

Provided that the nomination of such members by the Chancellor shall be made by rotation from amongst the class of persons eligible for nomination,

(ii) eight members nominated by the Chancellor from amongst distinguished educationists, social workers, representatives of backward class communities, women and such other class of persons.

(2) The term of office of elected members other than those referred to in clause (i) of paragraph (B) in Class II and of the nominated members referred to in paragraph (D) in Class II shall be five years and of the members referred to in clause (i) of paragraph (B) in Class II shall be for one academic year :

Provided that every person elected under paragraph (A) or paragraph (B) in Class II or nominated under clause (i) of paragraph (D) in Class II shall continue to hold office of a member of the Court so long only as he is a member of the electing body or, as the case may be, bodies or is a Principal or a head-master or a secondary teacher of a high school or a teacher or a student, or Dean of Faculty or Professor of University Department, or University teacher or a head of a recognized institution, as the case may be".

12. For section 18 of the principal Act, the following section shall be substituted, namely :—

Substitution of section 18 of Bom. 50 of 1949.

Powers and duties of Court.

"18. Subject to such conditions as may be prescribed by or under the provisions of this Act, the Court shall exercise the following powers and perform the following duties, namely :—

(1) to consider and to decide matters of general policy relating to the progress and development of the University ;

(2) to suggest steps to be taken by the authorities of the University in pursuance of the policy decided upon by the Court;

(3) to suggest the establishment of new areas of teaching and research;

(4) to institute, confer or grant on the recommendations of the Executive Council and the Academic Council, degrees, diplomas and certificates ;

(5) to confer, on the recommendations of the Executive Council and the Academic Council, honorary degrees, or other academic distinctions ;

(6) to make, amend or repeal Statutes ;

(7) to consider, record, cancel or refer back, but not to amend, Ordinances;

(8) to consider and pass resolutions on the annual reports, annual accounts and financial estimates ;

(9) to consider the annual audited accounts and to make suggestions thereon, if any ;

(10) to raise, on the recommendation of the Executive Council public loans on the security of the assets of the University, with the previous approval of the State Government ;

(11) to elect office-bearers and authorities as provided in this Act and the Statutes ;

(12) to elect members to the various authorities of the University as prescribed by the Statutes ;

(13) to make provision relating to the use of Gujarati or Hindi (in Devnagari script) or both as media of instruction and examination ;

(14) to institute, on the recommendations of the Executive Council and the Academic Council, any Departments and Faculties in the University ;

(15) to submit to the State Government, on the recommendation of the Executive Council, proposals for conferment of autonomy on any affiliated college or a recognized institution or a University Department or University college, entitling it to privileges in the matters of admission of students, prescribing the courses of study, imparting instruction, teaching and training in the courses of study, the holding and conduct of examinations and the powers to make necessary rules for the purpose ;

(16) to sanction the transfer of any immovable property on the recommendation of the Executive Council ;

(17) to exercise such other powers and perform such other duties as are or may be conferred or imposed upon it by or under this Act.”.

Substitution of section 19 of Bom. 50 of 1949.

The Executive Council.

13. For section 19 of the principal Act, the following section shall be substituted, namely :—

“19. (1) The Executive Council shall consist of the following members, namely :—

- (i) The Vice-Chancellor, *Ex-Officio* Chairman;
- (ii) The Pro-Vice-Chancellor, if any;
- (iii) The Director of Education, and if he is unable to attend the officer designated under clause (i) of paragraph (B) of Class I of sub-section (1) of section 16;
- (iv) One Dean of a Faculty nominated by the Vice-Chancellor by rotation from amongst the Deans of Faculties ;
- (v) Three persons elected by the Court from amongst its members who are not teachers;
- (vi) Two University Professors elected by the Court from amongst its members ;
- (vii) Three Principals of affiliated colleges elected by the Court from amongst its members ;
- (viii) One teacher of a University Department, other than a Professor, elected by the Court from amongst its members;
- (ix) Two teachers of affiliated colleges, other than Principals, elected by the Court from amongst its members;
- (x) Two members of the Academic Council who are teachers elected by the Academic Council from amongst the members of the Court ;
- (xi) Two persons, not being teachers nominated by the Chancellor from amongst the members of the Court ;
- (xii) One representative of the governing bodies of affiliated colleges elected by the Court from amongst its members :

Provided that a member nominated under clause (iv) or (xi) or elected under clauses (v) to (x) and (xii) shall cease to hold office as such member if he ceases to be a member of the Court or, as the case may be, of the Academic Council or to be a Dean, University Professor, a University teacher, a Principal, or, as the case may be, a teacher.

(2) The term of office of the elected and nominated members shall be three years.”.

14. For section 20 of the principal Act, the following section shall be substituted, namely :—

Substitution of section 20 of Bom. 50 of 1949.

“20. (1) Subject to such conditions as may be prescribed by or under the provisions of this Act, the Executive Council shall exercise the following powers and perform the following duties, namely:— Powers and duties of the Executive Council.

(i) to hold, control and administer the property and funds of the University;

(ii) to enter into, vary, carry out and cancel contracts on behalf of the University in the exercise or performance of the powers and duties assigned to it by or under this Act or Statutes ;

(iii) to determine the form, and provide for the custody and regulate the use, of the common seal of the University;

(iv) to administer the funds placed at the disposal of the University for specific purposes;

(v) to frame the annual financial estimates of the University and to place them before the Court for suggestions ;

(vi) (a) to adopt the annual financial estimates after considering the suggestions, if any, of the Court,

(b) to reduce the amount of any budget grant,

(c) to sanction the transfer of any amount within a budget grant from one minor head to another, or from a subordinate head under one minor head to a subordinate head under another minor head, and

(d) to sanction the transfer of any amount within a minor head from one subordinate head to another, or from one primary unit to another ;

(vii) to make provision for buildings, premises, furniture, apparatus and other means needed for carrying on the work of the University;

(viii) to accept, on behalf of the University, bequests, donations and transfers of any movable or immovable property to the University;

(ix) to transfer any movable or immovable property on behalf of the University ; ✓

(x) to recommend to the Court the raising of public loans or the security of the assets of the University, with the previous approval of the State Government ;

(xi) to manage and regulate the finances, accounts and investments of the University ;

(xii) to institute and manage—

(a) Printing and Publication Department,

(b) University Extension Boards,

(c) Information Bureaux,

(d) Employment Bureaux ;

(xiii) to make provision—

(a) for extra-mural teaching and extension courses and research and other recognized educational activities,

(b) for Continuing Education and Adult Education,

(c) for physical education, National Cadet Corps, National Service Scheme, National Sports Organization, military training and such other recognized activities ;

(xiv) to manage and maintain colleges, departments, institutes, research or specialized studies, laboratories, libraries, museums and hostels of the University ;

(xv) to establish within the University area or outside it such field stations and specialized laboratories and such other units for research and instructions as are necessary for the furtherance of the objects of the University ;

(xvi) to recognize hostels, to inspect such hostels and to withdraw recognition therefrom ;

(xvii) to provide housing accommodation for University teachers and other employees, to the extent the finances of the University permit ;

(xviii) to register high schools situate outside the State of Gujarat as may be provided by Statutes ;

(xix) to affiliate colleges and to approve institutions as may be provided by Statutes ;

(xx) to arrange for, and to direct, the inspection of affiliated colleges, recognized and approved institutions and hostels and to issue instructions for maintaining their efficiency and for ensuring proper conditions of employment, including salary scales and allowances for the members of their teaching, other academic and non-teaching staff;

(xxi) (a) to recognize institutions of research or specialized studies;

(b) to withdraw, either in whole or in part, or to modify the rights conferred on a college by affiliation or on an institution by recognition or approval;

(c) to recommend to the State Government withdrawal or reduction of a grant to a college which makes default in carrying out the conditions of affiliation;

(xxii) to recommend to the Court on the advice of the Academic Council the conferment of autonomy on any affiliated college, a University College, a University Department or a recognized institution entitling it to privileges in the matters of admission of students, prescribing the courses of study, imparting instruction, teaching and training in the courses of study, the holding and conduct of examinations and the powers to make necessary rules for these purposes;

(xxiii) (a) to control and co-ordinate the activities of, and to give financial aid to, affiliated colleges and recognized or approved institutions, and

(b) to regulate the fees to be paid by the students in affiliated colleges and recognized or approved institutions;

(xxiv) to call for reports, returns and other information from colleges, recognized or approved institutions, or hostels;

(xxv) to supervise and control the residence, conduct and discipline of the students of the affiliated colleges, University colleges and University departments, and recognized and approved institutions and to make arrangements for promoting their health and general welfare, and to take disciplinary action against the students;

(xxvi) to recommend to the Court the institution and conferment or grant of degrees, diplomas and certificates, in the manner prescribed by Statutes;

(xxvii) to recommend to the Court the conferment of honorary degrees and other academic distinctions in the manner prescribed by Statutes;

(xxviii) to institute and award fellowships, travelling fellowships, scholarships, studentships, medals, prizes and other awards;

(xxix) to appoint academic, administrative and other staff of the University, fix their emoluments, and define their duties and conditions of service and to take disciplinary action against them;

(xxx) to recognize a member of the staff of an affiliated college or recognized or approved institution as a professor, reader, lecturer or teacher of the University and to withdraw such recognition;

(xxxi) to appoint examiners, to fix their remuneration and to arrange for the conduct and publication of results of University examinations and other tests;

(xxxii) to fix, demand and receive such fees and other charges as may be prescribed by Ordinances;

(xxxiii) to make, amend and cancel Ordinances;

(xxxiv) to make provision for instruction, teaching and training in such branches of learning and courses of study as it may think fit, for research and for the advancement and dissemination of knowledge;

(xxxv) to make such provision as will enable affiliated colleges and recognized or approved institutions to undertake specialization of studies;

(xxxvi) to organise and make provision for common laboratories, libraries, museums and other equipment for teaching and research;

(xxxvii) to institute professorships, readerships, lecturerships and posts of teachers required by the University;

(xxxviii) to lay down and regulate salary scales, allowances and conditions of service of officers, members of the teaching, other academic and non-teaching staff of the University;

(xxxix) to lay down and regulate the salary scales, allowances and conditions of service of the members of the teaching, other academic non-teaching staff of affiliated colleges and recognised or approved institutions;

(xl) to recommend to the Court the institution of new Departments and Faculties in the University;

(xli) to enter into any agreement for the incorporation in the University of any other institution and for taking over its rights, properties and liabilities and for any other purpose not repugnant to this Act;

(xlii) to exercise such other powers and perform such other duties as may be conferred or imposed on it by or under this Act, Statutes, Ordinances and Regulations;

(xliii) to exercise all powers of the University not otherwise provided for in this Act or the Statutes and all other powers which are requisite to give effect to the provisions of this Act or the Statutes.

(2) The Executive Council shall not transfer any immovable property in exercise of its power under clause (ix) of sub-section (1) except with the previous sanction of the Court; and no transfer of immovable property which is not made with such previous sanction shall be binding on the University.

(3) The powers and duties under clauses (xix) to (xxi), (xxvi) to (xxx), (xxxi) to (xxxvii), and (xl) of sub-section (1) shall not be exercised by the Executive Council except upon the recommendations made by the Academic Council.

(4) The Executive Council may by Ordinances appoint committees to carry out its administrative work and define their constitution, functions and tenures.

(5) The Executive Council shall make a report of every case of acceptance of property under clause (viii) of sub-section (1) to the Court.”.

15. For section 21 of the principal Act, the following section shall be substituted, namely :—

Substitution of section 21 of Bom. 50 of 1949.

“21. (1) The Academic Council shall consist of the following members, namely :—

Academic Council.

(i) The Vice-Chancellor, *ex-officio* Chairman,

(ii) The Pro-Vice Chancellor, if any,

(iii) The Deans of Faculties,

(iv) Five representatives of University Professors and Heads of University Departments elected by them from amongst themselves in the manner specified in the Statutes,

(v) Two persons nominated by the Executive Council from amongst its members,

(vi) Not more than eighteen Chairmen of Boards of Studies nominated by the Vice-Chancellor by rotation, in the manner specified in the Statutes :

Provided that one third of such Chairmen shall retire every year in accordance with the provisions made in that behalf in the Statutes and the vacancies caused by such retirement shall be filled by the Vice-Chancellor under this clause,

(vii) Two representatives of Heads of recognised institutions elected by them from amongst themselves, in the manner specified in the Statutes :

Provided that a member specified in any of the clauses (iii) to (vii) shall cease to hold office as such member if he ceases to be a Dean of a Faculty, a University Professor, Head of a University Department, a member of the Executive Council, the Chairman of a Board of Studies or, as the case may be, a Head of a recognized institution.

(2) As soon as the Academic Council is constituted under sub-section (1) it may co-opt as its additional members two eminent persons who are experts in any of the subjects taught in the University, whether they are or are not connected with the University as its members, teachers or otherwise.

(3) The term of office of the members of the Academic Council other than *ex-officio* members shall be three years.”.

Amendment
of section 22
of Bom. 50
of 1949.

16. For sub-section (2) of section 22 of the principal Act, the following sub-section shall be substituted, namely:—

“(2) Without prejudice to the generality of the foregoing provisions and subject to such conditions as may be prescribed by or under the provisions of this Act, the Academic Council shall exercise the following powers and perform the following duties, namely:—

(i) to approve Resolutions made by the Faculty concerned laying down courses of study;

(ii) to approve Regulations made by the Faculty concerned laying down special courses of study;

(iii) to arrange for co-ordination of studies and teaching in affiliated colleges and recognised and approved institutions;

(iv) to promote research within the University;

(v) to approve proposals for allocating subjects to the Faculties;

(vi) to make proposals for the establishment of University Departments, institutions of research and specialised studies, libraries, laboratories and museums;

(vii) to approve and to recommend proposals for the institution of professorships, readerships, lecturerships and any other posts of teachers required by the University and for prescribing the duties of such posts;

(viii) to approve and to recommend proposals for the institution of fellowships, travelling fellowships, scholarships, studentships and medals and other awards and to make Regulations for their award;

(ix) to make Regulations regarding the examinations of the University and the conditions on which students shall be admitted to them;

(x) to make and approve Regulations prescribing the equivalence of examinations;

(xi) to approve Regulations prescribing the manner of granting exemption from approved courses of study in the University or in affiliated colleges for qualifying for degrees, dipomas and certificates;

(xii) to recommend to the Executive Council, the institution, conferment and grant of degrees, dipomas and certificates in the manner prescribed by Statutes;

(xiii) to recommend to the Executive Council, the conferment of honorary degrees and other academic distinctions, in the manner prescribed by Statutes;

(xiv) to recommend to the Executive Council, the institution of Departments and Faculties;

(xv) to recommend to the Executive Council the affiliation of colleges and recognition or approval of an institution;

(xvi) to refer any academic matter to the relevant University authority or body for consideration;

(xvii) generally to advise the University on all academic matters; and

(xviii) to exercise such powers and perform such other duties as may be conferred or imposed on it by or under this Act, Statutes and Ordinances.”.

Amendment
of section 23
of Bom. 50
of 1949.

17. In section 23 of the principal Act,—

(1) in sub-section (1), the word “Agriculture” shall be deleted;

(2) for sub-section (2), the following sub-section shall be substituted, namely :—

“(2) Each Faculty shall consist of—

(i) All Chairmen of the Boards of Studies for the subjects comprised in the Faculty;

(ii) the University Professors of subjects comprised in the Faculty;

(iii) the members of the Court who have taught for not less than ten years at the under-graduate level or at post-graduate level in any of the subjects comprised in the Faculty ;

(iv) one member who is a teacher to be elected by each Board of Studies from amongst its members other than the Chairman;

(v) one member to be elected by such of the members of the Boards of Studies for the subjects comprised in the Faculty as are students from amongst themselves.”;

(3) for sub-section (4) the following shall be substituted, namely:—

“(4) The term of the office of a member of a Faculty other than the member elected under clause (v) shall be such as may be prescribed by Statutes and that of the member elected under clause (v) shall be for the academic year in which he is elected”.

Insertion of
new section
23A in
Bom. 50
of 1949.

Powers
and duties
of Faculty.

18. In the principal Act, after section 23, the following section shall be inserted, namely:—

“23A. (1) Each Faculty shall have the general control and power of regulation of, and be responsible for, the maintenance of standards of teaching and examinations of the University for the subject comprised in it.

(2) Without prejudice to the generality of the foregoing provision and subject to such conditions as may be prescribed by or under the provisions of this Act, each Faculty shall exercise the following powers and perform the following duties, namely:—

(i) to make Regulations in consultation with the Boards of Studies concerned laying down courses of study in the Faculty;

(ii) to make Regulations regarding special courses of study in the Faculty;

(iii) to make Regulations for the standards of passing the relevant examinations in the Faculty and for awarding classes at such examinations;

(iv) to make proposals for promoting research in the subjects assigned to the Faculty;

(v) to make proposals for allocating subjects to the Faculty;

(vi) to make proposals for the establishment of departments, institutes of research and specialized studies, libraries, laboratories and museums concerned with the Faculty;

(vii) to make proposals for the institution of professorships, readerships, lecturerships and any other posts of teachers in the Faculty and for prescribing the duties of persons occupying such posts;

(viii) to make proposals for the institution of fellowships, travelling fellowships, scholarships, studentships, medals, prizes and other awards, and to make Regulations for their grant;

(ix) to make Regulations for the minimum teaching work for every subject and the minimum laboratory work and any other prescribed work to be done by students for any subject in the Faculty;

(x) to make Regulations prescribing the manner of granting exemption from approved courses of study in the University or in affiliated colleges for qualifying for degrees, dipomas and certificates in the Faculty;

(xi) to exercise such other powers and perform such other duties as may be conferred or imposed on it by this Act, Statutes, Ordinances and Regulations; and

(xii) generally to advise the University on all academic matters pertaining to the courses of study in the Faculty.”.

19. In section 24 of the principal Act—

(1) in sub-section (1), the portion beginning with the words “who are members of the Senate” and ending with the words “by the Statutes” shall be deleted;

(2) after sub-section (1), the following sub-section shall be inserted, namely :—

“(1A) The Dean shall hold office for a term of three years and shall be eligible for being re-elected to that office for a further term of three years only.

(1B) The Dean shall exercise such powers and perform such functions and duties as may be prescribed by the Statutes.”.

Amendment
of section
24 of
of Bom. 50
of 1949.

Insertion
of new
section 24A
in Bom. 50
of 1949.

Boards of
University
Teaching
and
Research.

20. In the principal Act, after section 24, the following new section shall be inserted, namely :—

“24A. (1) For the purpose of organizing and co-ordinating the post-graduate instruction, teaching and training in the University area there shall be such number of Boards of University Teaching and Research, and dealing with such subjects as may be prescribed by the Statutes.

(2) The constitution of each of these Boards and the term of office of its members shall be such as may be prescribed by the Statutes.

(3) Subject to such conditions as may be prescribed by or under the provisions of this Act, a Board of University Teaching and Research shall exercise the following powers and perform the following duties, namely :—

(i) to maintain standards of post-graduate teaching and research;

(ii) to advise the Boards of Studies regarding any trends in post-graduate syllabii, instructions and any other developments;

(iii) to make recommendations regarding the admission to, and evaluation of research degrees;

(iv) to make recommendations regarding the regulations of Ph.D. degrees;

(v) to make recommendations regarding the qualifications and number of the post-graduate teachers and Research Guides or Supervisors;

(vi) to approve the subjects of research and to suggest panels of names of examiners for research thesis;

(vii) to make any other recommendation regarding organization co-ordination and improvement of post-graduate teaching and research in the University as a whole.”.

Amendment
of section 25
of Bom. 50
of 1949.

21. In section 25 of the principal Act,—

(1) for sub-section (2) the following sub-section shall be substituted namely :—

“(2) The constitution of each Board and the term of office of its members shall be such as may be prescribed by the Statutes.”;

(2) sub-section (1) shall be deleted;

(3) for sub-section (5), the following sub-sections shall be substituted, namely :—

“(5) Subject to such conditions as may be prescribed by or under the provisions of this Act and Statutes, the Boards of Studies shall exercise the following powers and perform the following duties, namely :—

(i) to recommend courses of studies in the subject or subjects, with which the Board is concerned (hereinafter in this sub-section referred to as “the subject”);

(ii) to recommend and prescribe, where necessary, books for study in the subject;

(iii) to recommend programmes for extension service and research in the subject;

(iv) to recommend the organisation of seminars, refresher courses and workshops to the Dean of Faculty;

(v) to recommend programmes for experiments and research in the courses of study prescribed in the subject;

(vi) to recommend schemes for preparation and translation of books in the subject and suggest bibliographies of books for study;

(vii) to propose Regulations pertaining to the courses of study and examinations in the subject;

(viii) to review periodically the terminology current in the subject;

(ix) to prepare panels of examiners for the subject at different examinations, including the panels of applicants who fulfil the qualifications laid down by the Academic Council for appointment as examiners, and to suggest from among the panels, persons particularly suited for any branch or any paper of a subject;

(x) to bring to the notice of the relevant University authority important matters connected with examinations in the subject and also to address the Faculty concerned on any matters connected with the improvement of courses in the subject;

(xi) to exercise such other powers and perform such other duties as may be prescribed by Statutes.

(6) Any two or more Boards may, and, at the request of the Executive Council or the Academic Council or the Dean of the Faculty, shall, meet and make a joint report upon any matter which lies within the purview of both. In such cases, the joint meeting shall elect its own Chairman and the quorum for such a joint meeting shall include the full quorum of each Board represented, no member present being counted more than once for the purpose of determining the quorum.”.

Amendment
of section 26
of Bom. 50
of 1949.

22. In section 26 of the principal Act,—

(1) in sub-section (1), for the words “Welfare and such other Boards” the words “Welfare, a Board for Hostels’ Management, an Academic Planning Board and such other Boards” shall be substituted;

(2) in sub-section (2), for the words “as prescribed by the Ordinances” the words “as prescribed by the Statutes” shall be substituted.

Amendment
of section 28
of Bom. 50
of 1949.

23. In section 28 of the principal Act, after clause (ix), the following clause shall be inserted, namely:—

“(ixa) the maximum number of students to be admitted in a college;”.

Amendment
of section 29
of Bom. 50
of 1949.

24. In section 29 of the principal Act, after sub-section (1), the following sub-section shall be inserted, namely:—

“(1A) Notwithstanding anything contained in sub-section (1), the Statutes in Schedule II shall, on the commencement of the Gujarat University (Amendment) Act, 1972, be deemed to be the Statutes providing for the constitution of the authorities of the University specified in clauses (v), (vi), (vii), (viii), (ix) and (x) of section 15 and for other matters for which provisions have been made in the said Schedule:

Provided that the Court shall be competent to amend, repeal or add to any of these Statutes in the manner hereinafter provided at any time after the commencement of the said Act, subject however, to the condition that no such Statutes relating to the appointment of any officer or constitution of any authority of the University shall be amended, repealed or added to before any such officer is appointed or any such authority is constituted for the first time after such commencement.

Amendment
of section 30
of Bom. 50
of 1949.

25. In section 30 of the principal Act, in item (i), the word “titles” shall be deleted.

Amendment
of section 31
of Bom. 50
of 1949.

26. In section 31 of the principal Act, in sub-section (5), for the words “not less than forty members” the words “not less than one third of the members” shall be substituted.

Amendment
of section 32
of Bom. 50
of 1949.

27. In section 32 of the principal Act,—

(1) in sub-section (1), the words “subject to the approval of the Syndicate” shall be deleted ;

(2) in sub-section (2), for the words, brackets and letters “in clauses (i) to (vii)” the words, brackets and letters “in clauses (iv) to (xi)” shall be substituted;

(3) after sub-section (2), the following sub-section shall be added, namely:—

“(3) All Regulations made by the Academic Council and all Rules made by any authority or Board shall have effect from such date as the Academic Council, or as the case may be, the authority or Board may direct :

Provided that a Regulation or a Rule which involves expenditure from the University Fund shall not be effective until it is approved by the Executive Council.”.

28. In the principal Act, in Chapter VI, for the heading “AFFILIATION AND RECOGNITION” the heading “AFFILIATION, RECOGNITION AND APPROVAL” shall be substituted.

Amendment of the heading of Chapter VI of Bom. 50 of 1949.

29. For section 33 of the principal Act, the following section shall be substituted, namely:—

Substitution of section 33 of Bom. 50 of 1949.

“33. (1) A college applying for affiliation to the University shall send a letter of application to the Registrar, not later than 31st March of the year preceding the year in which the college is proposed to be started:

Affiliation.

Provided that, on the recommendation of the Vice-Chancellor, the Executive Council may, if it is satisfied that there are special reasons to do so, after recording such reasons, entertain a letter of application sent to the Registrar after 31st March.

(2) On receipt of the letter, the Executive Council shall, in consultation with the Academic Council and after giving to the college an opportunity of stating its case, determine before 31st July following the month of March in the year first aforesaid whether the college will supply a need in the locality, having regard to the type of education intended to be provided by the college, the existing provision for the same type of education made by other colleges in the neighbourhood and the suitability of the locality where the college is to be established; and communicate the decision to the college before the said 31st July.

(3) If any question arises as to the interpretation of the expression "a need in the locality" occurring in sub-section (2) the question shall be referred by the Executive Council to the Vice-Chancellor for his decision, which shall be final.

(4) (a) Where the Executive Council determines under sub-section (2) that there is no need of the college in the locality or that the college will not supply the need of a college in the locality the college may make an appeal to the State Government against such determination before 30th September of the same year and the decision of the State Government shall be final.

(b) The State Government shall decide the appeal under clause (a) and communicate the decision to the college before 31st December of the same year.

(5) On receipt of the communication of decision that the college will supply a need in the locality the college shall be required to fulfil the following conditions, namely:—

(a) that the college (other than a Government college or a college maintained by the Government) is under the management of a governing body which shall include amongst its members, the Principal of the college, a representative of the University to be nominated by the Vice-Chancellor and at least one representative each of the teachers of the college, the members of the non-teaching staff and the students of the college to be elected from amongst themselves;

(b) that the strength and qualifications of the teaching staff and the conditions governing their tenure of office are such as to make due provision for the courses of instruction, teaching or training to be undertaken by the college;

(c) that the building in which the college is or is to be located is suitable and that provision, has been or shall be made, in conformity with the Ordinances, for the residence in the college or in lodgings approved by the college, of students not residing with their parents or guardians. and for the supervision and welfare of students

(d) that due provision is made or shall be made for a library;

(e) where affiliation is sought in any branch of experimental science, that arrangements have been or shall be made in conformity with the Statutes, Ordinances and Regulations for imparting instruction in that branch of science in a properly equipped laboratory or museum;

(f) that due provision is made as far as circumstances permit, for the residence of the Principal and other members of the teaching staff in or near the college or the place provided for the residence of students;

(g) that the financial resources of the college are such as to make ~~the~~ provision for its continued maintenance and efficient working;

(h) that the college rules fixing the fees (if any) to be paid by the students have not been so framed as to involve such competition with any existing college in the same neighbourhood as would be injurious to the interests of education;

(i) that in the case of a college other than a Government College or a college maintained by the Government there is a selection committee of the college which shall include a representative of the University nominated by the Vice-Chancellor, for recruitment of the Principal and teachers of the college;

(j) that the college shall comply with the Statutes, Ordinances and Regulations providing for conditions of service including salary scales and allowances, of the teaching and other academic and non-academic staff of an affiliated college;

(k) such other conditions as may be specified in the Statutes in accordance with the provisions of this Act.

(6) On receipt of communication from the college that the conditions referred to in sub-section (5) have been fulfilled, the Executive Council shall --

(a) direct an inquiry to be made by a competent person or persons as to whether the conditions and the minimum requirements for affiliation have been fulfilled by the college;

(b) make such further inquiry as may appear to it to be necessary;

(c) take after considering the report of the inquiry under clauses (a) and (b) and after consultation with the Academic Council a decision on the question whether the application should be granted or refused, either in whole or in part, before 31st January of the year next after the year in which the letter of application for affiliation is sent, stating the result of any inquiry under clauses (a) and (b) :

Provided that, where the views of the Academic Council with regard to the affiliation of a college are not acceptable to the Executive Council, the Executive Council shall refer the matter again to the Academic Council, with or without its comments, and the Academic Council shall communicate again to the Executive Council its views with regard to the affiliation of the college.

(7) Where the application or any part thereof is granted the order of the Executive Council shall specify the courses of the instructions in respect of which the college is affiliated and where the application or any part thereof is refused the grounds of such refusal shall be stated.

(8) Where an application of a college or a part of such application is refused under sub-section (7) the college may make an appeal to the State Government against such refusal and the decision of the State Government in such appeal shall be final.

(9) An application under sub-section (1) may be withdrawn at any time.”.

Insertion of
new section
33A in Bom.
50 of 1949.

30. In the principal Act, after section 33, the following new section shall be inserted, namely :—

Certain affili-
ated colleges
to be under
management
of governing
bodies and
to have
selection
committees.

“**33A.** (1) Every college (other than a Government College or a college maintained by the Government) affiliated before the commencement of the Gujarat University (Amendment) Act, 1972 (hereinafter in this section referred to as “such commencement”)—

(a) shall be under the management of a governing body which shall include amongst its members the Principal of the college, a representative of the University nominated by the Vice-Chancellor and at least one representative each of the teachers of the college, the members of the non-teaching staff and the students of the college to be elected from amongst themselves; and

(b) shall have a selection committee of the college which shall include a representative of the University nominated by the Vice-Chancellor, for recruitment of the Principal and teachers of the college.

(2) Every college referred to in sub-section (1) shall, within a period of six months after such commencement, constitute or reconstitute its governing body and selection committee so as to be in conformity with sub-section (1).

(3) The provisions of sub-section (1) shall be deemed to be a condition of affiliation of every college referred to in sub-section (1).”.

Amendment
of section 35
of Bom. 50
of 1949.

31. In section 35 of the principal Act—

(i) in sub-section (2), in clause (c), for the word “equipment” the words “equipment, library facilities” shall be substituted;

(ii) in sub-section (4), the words “and make a report to that effect to the Academic Council and the Senate at their next succeeding meeting” shall be deleted.

Insertion of
new section
35A in
Bom. 50 of
1949.

32. In the principal Act, after section 35, the following section shall be inserted, namely :—

“35A. (1) The Executive Council shall have the power after consultation with the Academic Council, to approve an institution as an approved institution for specialized studies, laboratory work, internship, research or other academic work approved by the Academic Council under the guidance of a qualified teacher. Approval of institutions.

(2) An institution which desires to have such approval shall send a letter of application to the Registrar and shall give full information in the letter of application in respect of the following matters, namely:—

(a) the name, qualifications, experience and research work of the teacher under whom approved work is to be done;

(b) the nature of work or the subjects for which work is proposed to be done;

(c) accommodation, equipment, library facilities and the number of students for whom provision has been made or is proposed to be made;

(d) fees levied or proposed to be levied and the financial provision made for capital expenditure on buildings and equipment and for the continued maintenance and efficient working of the institution.

(3) Before taking the application into consideration the Executive Council may call for any further information which it may deem necessary.

(4) If the Executive Council decides to take the application into consideration, it may direct a local inquiry to be made by a competent person or persons authorised by it in this behalf. After considering the report made as a result of such local inquiry and making such further inquiry as may appear to it to be necessary, the Executive Council shall, after obtaining the opinion of the Academic Council, grant or refuse the application or any part thereof. Where the application or any part thereof is granted, the Executive Council shall specify the subjects and courses of instruction in respect of which the institution is approved. Where the application or any part thereof is refused, the grounds of such refusal shall be stated.”.

33. In section 36 of the principal Act—

(1) in sub-section (1), for the words “affiliated college and recognized institution” the words “affiliated college, recognized institution and approved institution” shall be substituted;

(2) after sub-section (1), the following sub-section shall be inserted, namely:—

Amendment
of section 36
of Rom. 50
of 1949.

“(1A) (a) There shall be an inspection committee consisting of the Pro-Vice-Chancellor, if any, as the chairman and such other members as may be appointed by the Executive Council in accordance with the Statutes.

(b) On a direction by the Executive Council in that behalf, it shall be the duty of the inspection committee to inspect an affiliated college, or as the case may be, a recognized or approved institution and make a report to the Executive Council.”;

(3) for sub-section (2), the following shall be substituted, namely:—

“(2) The Executive Council shall cause every such college or institution to be inspected from time to time by the inspection committee.”;

(4) in sub-section (3), for the words, brackets and figures ‘sub-section (1) of section 33 and sub-section (2) of section 35’ the words, brackets, figures and letter ‘sub-section (5) of section 33, sub-section (2) of section 35 and sub-section (2) of section 35A’ shall be substituted.

Amendment
of section
37 of Bom.
50 of 1949.

34. In section 37 of the principal Act—

(1) in sub-section (1), for the words, brackets and figure ‘sub-section (1) of’ the words, brackets and figure ‘sub-section (5) of’ shall be substituted;

(2) in sub-section (1), for the words ‘shall make a report to the Senate’ the following words and proviso shall be substituted, namely:—

‘shall by a resolution withdraw, wholly or partially, or modify the rights conferred by affiliation :

Provided that where the views of the Academic Council with regard to the withdrawal or modification of the rights conferred by affiliation are not acceptable to the Executive Council, the Executive Council shall, before passing such resolution, refer the matter again to the Academic Council, with or without its comments and the Academic Council shall communicate again to the Executive Council its views in the matter.’;

(3) sub-sections (5) and (6) shall be deleted;

(4) in sub-section (7)—

(a) for the words, brackets and figure ‘Where by an order made under sub section (6)’ the words, brackets and figure ‘Where by a resolution passed under sub-section (4)’ shall be substituted;

(b) for the words ‘in the order’ at the end, the words ‘in the resolution’ shall be substituted;

(5) after sub-section (7), the following sub-sections shall be added, namely:—

“(8) Where a resolution withdrawing wholly or partially, or modifying the rights conferred by affiliation is passed under sub-section (4), a copy of the same shall be sent to the Principal of the college concerned who may make an appeal to the State Government against such resolution and the decision of the State Government in such appeal shall be final.

(9) The Executive Council may on recommendation of the Academic Council recommend to the State Government withholding or reduction of a grant to an affiliated college which on a report by an inspection committee or otherwise is found to be making persistent default in carrying out the conditions of affiliation.”.

35. In section 38 of the principal Act,—

(1) for sub-section (4), the following shall be substituted, namely:—

Amendment
of section 38
of Bom. 50
of 1949.

“(4) On receipt of the representation or on the expiry of the period referred to in sub-section (3), the Executive Council after considering the notice of motion, statement and representation and after such inspection by any competent person or persons authorised by the Executive Council in this behalf, and after such further inquiry as may appear to it to be necessary and after consulting the Academic Council may by a resolution withdraw or suspend recognition.”;

(2) sub-section (5) shall be deleted.

36. In the principal Act, after section 38, the following section shall be inserted, namely:—

Insertion of
new section
38AA in
Bom. 50
of 1949.

38AA. (1) The rights conferred on an institution by approval may be withdrawn or suspended for any period by the Executive Council if the institution has failed to observe any conditions of its approval or the work assigned to it is conducted in a manner which is prejudicial to the interest of education, or the teacher recognized by the University leaves the institution.

Withdrawal
of
approval.

(2) Before making an order under sub-section (1) in respect of any approved institution, the Executive Council shall by notice in writing call upon the institution to show cause within one month from the date of the receipt of the notice, why such an order should not be made. The period so given for showing the cause may, if necessary, be extended by the Executive Council.

(3) On receipt of the explanation, if any, made by the institution in reply to the notice, and where no such reply is received on the expiry of the period referred to in sub-section (2), the Executive Council shall, after consulting the Academic Council and after such inquiry, if any, may appear to it to be necessary, decide whether the approval should be withdrawn or, as the case may be, suspended and make an order accordingly.”.

Amendment
of section 38A
of Bom. 50
of 1949.

37. In section 38A of the principal Act—

(1) for the words “recognized institution” wherever they occur the words “recognized or approved institution” shall be substituted;

(2) in sub-section (2),

(a) for the words “or recognized” the words “or recognized or approved” shall be substituted ;

(b) for the words “or recognition” the words “recognition or approval” shall be substituted;

(3) in the marginal note, for the words, “and recognized institutions” the words “recognized or approved institutions” shall be substituted.

Insertion of
new Chapter
VIA in
Bom. 50 of
1949.

38. In the principal Act, after Chapter VI the following Chapter shall be inserted, namely : —

“CHAPTER VI-A

AUTONOMOUS COLLEGES, AUTONOMOUS INSTITUTIONS AND AUTONOMOUS UNIVERSITY DEPARTMENTS.

Conferment
of autonomy
on colleges
etc. in certain
matters.

38B. (1) Any affiliated college or University college or a recognized institution or a University Department may, by a letter addressed to the Registrar, apply to the Executive Council to allow the college, institution or, as the case may be, Department, to enjoy autonomy in the matters of admission of students, prescribing the courses of study, imparting instructions and training, holding of examinations and the powers to make necessary rules for the purpose (hereinafter referred to as “the specified matters”).

(2) Either on receipt of a letter of application under sub-section (1) or where it appears to the Executive Council that the standards of education in any affiliated college or University college or recognized institution or University Department are so developed that it would be in the interest of education to allow the college, institution or Department to enjoy autonomy in the specified matters, on its own motion, the Executive Council, shall—

(a) for the purpose of satisfying itself whether the standards of education in such college, institution or Department are so developed that it would be in the interest of education to allow the college, institution or Department to enjoy autonomy in the specified matters—

(i) direct a local inquiry to be made by a competent person or persons authorised by the Executive Council in this behalf and

(ii) make such further inquiry as may appear to it to be necessary;

(3) after consulting the Academic Council on the question whether the college, institution, or Department should be allowed to enjoy autonomy in the specified matters and stating the result of the inquiry under clause (a) record its opinion on that question; and

(c) make a report to the Court on that question embodying in such report the result of the inquiries, the opinion of the Academic Council and the opinion recorded by it.

(3) On receipt of the report under sub-section (2), the Court shall, after such further inquiry, if any, as may appear to it to be necessary record its opinion on the question whether the college, institution or department should be allowed autonomy in the specified matters.

(4) The Registrar shall thereupon submit the proposals for conferring such autonomy on such college, institution or Department and all proceedings, if any, of the Academic Council, the Executive Council and the Court relating thereto, to the State Government.

(5) On receipt of the proposals and proceedings under sub-section (4), the State Government, after such inquiry as may appear to it to be necessary, may sanction the proposals or reject the proposals.

(6) Where the State Government sanctions the proposals, it shall by order published in the *Official Gazette* confer on the college, institution or Department specified in the proposals, power to regulate the admission of students to the college, institution or, as the case may be, the Department, prescribing the course of studies in the college, institution or Department, the imparting of instructions, teaching and training in the course of studies, the holding of examinations and powers to make the necessary rules for the purpose after consulting the Executive Council and the other powers as may have been specified in the proposals.

(7) A college, recognized institution or University Department exercising the powers under sub-section (6) shall be called an autonomous college, autonomous recognized institution or, as the case may be, autonomous University Department.

(8) In the case of an autonomous college, autonomous recognized institution or autonomous University Department, the University shall continue to exercise general supervision over such college, institution or Department and to confer degrees on the students of the college, institution or Department passing any examination qualifying for any degree from the University.

3C. (1) For the purpose of enabling it to exercise the powers conferred on it under section 38B, an autonomous college, autonomous recognized institution or autonomous University Department shall appoint a Standing Committee consisting of --

Standing
Committees.

(i) the Principal of the college, or the head of the institution or the Department, as the case may be, as its *ex-officio* chairman,

(ii) Heads of the Departments in the special subjects taught at degree level in the college, institution or Department, as its *ex-officio* members, and

(iii) such other members not exceeding five as the college, institution or Department may think fit to appoint.

(2) The Standing Committee shall exercise such of the powers of the college, institution or Department under section 38B as the college, institution or Department may delegate to it.

(3) The Standing Committee may appoint a special committee or committees for the purpose of exercising such powers and performing such functions of an authority of the University other than the Court, the Executive Council and the Academic Council, in relation to the college, institution or Department as the Standing Committee may, subject to such conditions as it thinks fit to impose, assign to it or them.

Autonomous
colleges etc.
to furnish
reports etc.
and inspection
of such
colleges, etc.

38D. (1) Every autonomous college, institution or Department shall furnish such reports, returns and other information as the Executive Council may require to enable it to judge the efficiency of the college, institution or Department.

(2) The Executive Council shall cause every autonomous college, institution or Department to be inspected from time to time by the inspection committee referred to in section 36 or by one or more competent persons authorised by it in this behalf.

Withdrawal
of power of
autonomous
college, etc.

38E. (1) Where in respect of an autonomous college, institution or Department the Executive Council is of opinion that the efficiency of the college, institution or Department has so deteriorated that in the interest of education it is necessary to withdraw the powers conferred on the college, institution or Department under section 38B, the Executive Council shall send an intimation to that effect to the Principal of the college, or head of the institution or Department stating that any explanation in writing submitted within the period specified in the intimation on behalf of the college, institution or Department will be considered by the Executive Council :

Provided that the period so specified may be extended by the Executive Council.

(2) On receipt of the explanation or on the expiry of the period referred to in sub-section (1), the Executive Council, after considering the explanation, if any, and after such inspection by a competent person or persons authorised by the Executive Council in this behalf and such further inquiry as may appear to it to be necessary and after consulting the Academic Council shall make a report to the Court.

(3) On receipt of the report under sub-section (2) the Court shall, after such further inquiry, if any, as may appear to it to be necessary, record its opinion in the matter:

Provided that no resolution of the Court recommending the withdrawal of the powers conferred under section 38B shall be deemed to have been passed by it unless the resolution has obtained the support of two-thirds of the members present at the meeting of the Court, such majority comprising not less than one-half of the members of the Court.

(4) The Registrar shall submit the proposal and all proceedings, if any, of the Academic Council, the Executive Council and the Court relating thereto, to the State Government which, after such further inquiry, if any, as may appear to it to be necessary, shall make such order as it deems fit and communicate it to the Court.

(5) Where in the case of an autonomous college, autonomous recognized institution or autonomous University Department the rights conferred under section 38B are withdrawn by an order made under sub-section (4), the college, institution or, as the case may be, the Department shall cease to be an autonomous college, institution or Department from the date specified in the order.”.

39. In section 39 of the principal Act, sub-section (2) shall be deleted.

Amendment
of section 39
of Bom. 50
of 1949.

40. In section 40 of the principal Act—

(1) for sub-section (1), the following shall be substituted, namely:—

“(1) The Court may determine that all instructions, teaching and training in courses of studies in respect of which the University is competent to hold examinations shall within the University Area be conducted by the University and shall be imparted by the teachers of the University and the Court shall communicate its decision to the State Government.”;

Amendment
of section 40
of Bom. 50
of 1949.

(2) in sub-section (2), for the words “the remaining sections of the Chapter” the word and figures “section 41” shall be substituted;

(3) the Explanation shall be deleted.

41. In section 41 of the principal Act—

(1) for the words “within the Ahmedabad area” wherever they occur, the words “within the University area” shall be substituted;

Amendment
of section 41
of Bom. 50
of 1949.

(2) in sub-section (2), after the figures “63” the words, figures and letter “or approved under section 35A” shall be inserted;

(3) in sub-section (4), for the words, "constituent, recognized institutions" the words "constituent, recognized or approved institutions" shall be substituted.

Amendment of section 42 of Bom. 50 of 1949.

42. To section 42 of the principal Act, the following proviso shall be added, namely:—

"Provided that no Statute shall be so made as to be inconsistent with the provisions of section 42A and any Statute in force immediately before the coming into force of the Gujarat University (Amendment) Act, 1972 shall, to the extent to which it is inconsistent with the said provisions, be void."

Insertion of section 42A in Bom. 50 of 1949.

43. After section 42 of the principal Act, the following section shall be inserted, namely:—

Eligibility for enrolment without passing examination in English.

42A. No student shall be ineligible for enrolment as a student of the University merely on the ground that he has not passed the examination, which he is required to pass for such enrolment, with English as one of its subjects."

Substitution of section 44 of Bom. 50 of 1949.

44. For section 44 of the principal Act, the following section shall be substituted, namely:—

Degrees, diplomas and other academic distinctions.

"44. The Court may on the recommendations of the Executive Council and the Academic Council institute and confer such degrees, diplomas and other academic distinctions as may be prescribed by the statutes."

Amendment of section 45 of Bom. 50 of 1949.

45. In section 45 of the principal Act—

(i) for the words "If not less than" the words "On a recommendation of the Academic Council, if not less than" shall be substituted; and

(ii) the word "title" shall be deleted.

Substitution of Chapter IX of Bom. 50 of 1949.

46. In the principal Act, for Chapter IX, the following shall be substituted, namely:—

"CHAPTER IX.

COMMITTEES.

Committees for selection of University teachers.

47. (1) There shall be Committees for selection of different classes of full time teachers of the University including tutors and demonstrators.

(2) No person shall be appointed as full time teacher of the University except on the recommendation of the Committee.

(3) The constitution of such Committees, the term of office of members and the procedure to be followed by the Committees shall be such as may be prescribed by the Statutes.

47A. (1) There shall be formed every year a Committee for each Faculty, for the purpose of drawing up the list for appointments to University Examinerships. Examiners' Committees.

(2) The constitution of the Committee, the term of office of its members and the procedure to be followed by it shall be such as may be prescribed by the Statutes.

47B. (1) There shall be formed as many Joint Consultative Committees for the purpose of promoting welfare of members of the non-teaching staff of the University, affiliated colleges and recognized institutions as may be deemed necessary by the University. Joint Consultative Committees.

(2) The constitution of such Committees, the term of office of its members and the powers and functions of the Committees shall be such as may be prescribed by the Statutes.

47C. (1) Any of the authorities of the University referred to in section 15 may from time to time appoint such other Committees consisting of such members constituting the authority as the authority thinks fit and may refer or entrust, to any such Committee for inquiry and report or for opinion, any of the matters dealt with by the authority, and may at any time discontinue or alter the constitution of any such Committee. Other Committees.

(2) Notwithstanding anything contained in this Act, but subject to the approval of the appointing authority, it shall be lawful for a Committee appointed under sub-section (1) to co-opt such number of persons who are not members of the appointing authority as its members as it thinks fit."

47. In section 49 of the principal Act, after sub-section (3), the following sub-section shall be inserted, namely:— Amendment of section 49 of Bom. 50 of 1949.

"(3A) The Executive Council shall, having regard to the Government grants that are likely to be available, finally prepare the financial estimates for the ensuing year."

48. In the principal Act, after section 51, the following section shall be inserted, namely:— Insertion of new section 51A in Bom. 50 of 1949.

"51A. (1) Save as otherwise provided by or under this Act, every member of the teaching, other academic and non-teaching staff of an affiliated college and recognized or approved institution shall be appointed under a written contract. Conditions of service of staff of colleges, etc.

(2) Where any such member is appointed before the commencement of the Gujarat University (Amendment) Act, 1972, otherwise than under a written contract, the terms and conditions of such appointment shall, within a period of six months from such commencement, be specified in the form of a written contract.

(3) No such member shall be dismissed or removed or reduced in rank except after an inquiry in which he has been informed of the charges against him and given a reasonable opportunity of being heard in respect of those charges and until--

(i) he has been given a reasonable opportunity of making representation on any such penalty proposed to be inflicted on him and

(ii) the penalty to be inflicted on him is approved by the Vice-Chancellor or any other officer of the University authorised by the Vice-Chancellor in this behalf.

Explanation.—Discharge of any such member who is appointed on probation, during or on the expiry of the period of such probation on the ground other than the ground that his work during such period was not satisfactory shall be deemed to be dismissal for the purpose of this sub-section.”.

Amendment of section 52 of Bom. 50 of 1949.

49. In section 52 of the principal Act, for the words “on the request of the officer” the words “on the request of the University or of the officer” shall be substituted.

Insertion of new section 52A in Bom. 50 of 1949.

50. In the principal Act, after section 52, the following section shall be inserted, namely:—

Reference of dispute between affiliated college or recognized or approved institution and its staff member to Tribunal of Arbitration.

“**52A.** (1) Any dispute arising out of a contract between the governing body and any member of the teaching, other academic and non-teaching staff of an affiliated college or recognized or approved institution shall, on a request of the governing body, or of the member concerned be referred to a Tribunal of Arbitration consisting of one member nominated by the governing body of the college or, as the case may be, the recognized or approved institution, one member nominated by the member concerned and an umpire appointed by the Vice-Chancellor.

(2) The provisions of section 52 shall thereupon *mutatis mutandis* apply to such request and the decision that may be given by such Tribunal.”.

Insertion of new section 53A in Bom. 50 of 1949.

51. In the principal Act, after section 53, the following section shall be inserted, namely :—

“53A. (1) The governing body of an affiliated college and of a recognized institution shall make adequate provisions for the benefit of the members of the teaching, other academic and non-teaching staff of such college or institution in matters of insurance, pension and provident fund or for other benefits to the extent its financial resources permit.

Pension,
insurance
and provident
fund of staff
of college, etc.

(2) The subscriptions of a member of the teaching, other academic and non-teaching staff of an affiliated college or of a recognized institution, towards his provident fund and the contribution, if any, of the college or, as the case may be, of the institution towards the fund, shall be deposited in such manner and within such time as may be prescribed by the Statutes, in a Scheduled Bank as defined in the Reserve Bank of India Act, 1934 or in a Co-operative Bank as defined in the Gujarat Co-operative Societies Act, 1961, approved by the State Government for such purpose.”.

52. In the principal Act, in Chapter, XI, after section 59 the following section shall be inserted, namely : —

Insertion of
new section
59A in Bom.
50 of 1949.

“59A. Nothing contained in sections 51A, 52A and 53A shall apply to a college or institution owned or maintained by the Government.”.

Non-applica-
tion of new
sections 51A,
52A and 53A
to Govern-
ment colleges.

53. In the principal Act, for the Schedule, the following Schedules shall be substituted, namely :—

Substitution
of Schedule
in Bom. 50
of 1949.

“SCHEDULE I.

[See section 2(15).]

1. Ahmedabad District.

2. Kaira District (excluding the Sardar Patel University area comprising the area within the limits of Vallabh Vidyanagar in the Anand Taluka of that district and the area within a radius of five miles eight kilometers) from the office of that University situated at Vallabh Vidyanagar).

3. Panchmahals District.

4. Sabarkantha District.

5. Banaskantha District.

6. Baroda District (excluding the Maharaja Sayajirao University of Baroda area comprising the limits of the City of Baroda and territories within a radius of ten miles (sixteen kilometers) from the office of that University).

7. Mehsana District.

8. Kutch District.

SCHEDULE II.

[See section 29(1A).]

STATUTES OF THE UNIVERSITY.

1. *Definitions.*—In these Statutes—

(1) “Act” means the Gujarat University Act, 1949;

(2) “section” means a section of the Act ;

(3) All words and expressions used herein and defined in the Act shall have the meanings respectively assigned to them in the Act.

2. *Officers of the University.* (1) In addition to the officers specified in clauses (i) to (va) of section 8 of the Act, the following shall also be the officers of the University, namely:—

(a) The Dean of Students (Men),

(b) The Dean of Students (Women), who shall be a woman, and

(c) Such number of Wardens of the University Hostels for men and women as may be determined by the Vice-Chancellor.

(2) (a) The Dean of Students, which expression shall have reference to the Dean of Students (Men) and the Dean of Students (Women), shall be appointed from amongst persons who are, or who have been, teachers of the University, not below the rank of a Professor, by the Executive Council on the recommendation of the Vice-Chancellor. The Dean shall be a wholetime employee of the University, shall hold office for a term of three years and shall be eligible for reappointment.

(b) The person who is appointed as the Dean of Students shall continue to hold his lien on the substantive post held by him.

(c) When the office of the Dean of Students is vacant or when the Dean of Students is, by reason of illness or absence for any other cause, unable to perform the duties of such office, the duties of the office shall be performed by such person as the Vice-Chancellor may appoint for the purpose.

(d) (i) The Dean of Students shall keep in constant touch with the students and, having acquainted himself with the problems and difficulties which beset them recommend to the University authority the steps to be taken to solve such problems and difficulties, and to reduce the legitimate grievances of the students.

(ii) He shall also recommend to provide for adequate amenities and facilities in affiliated or University colleges, University Departments and recognized or approved institutions, for prosecution of studies of the students.

(iii) He shall act as a liaison between the Vice-Chancellor on the one hand and the students on the other.

(e) The Dean of Students (Women) shall perform the duties specified in sub-clause (d) of clause (2) in relation to women students.

3. *Constitution of Boards of University Teaching and Research.*—Each Board of University Teaching and Research shall consist of the following members, namely:—

(i) The Vice-Chancellor;

(ii) The Pro-Vice-Chancellor, if any;

(iii) All Heads of Post-Graduate Departments in the University relating to the subjects in the Faculties pertaining to the Board, who are Professors or Readers;

(iv) All Heads of Post-Graduate Departments of subjects not covered by item (iii);

(v) Five teachers including Principals belonging to different Faculties and imparting education in post-graduate courses to be nominated by the Vice-Chancellor;

(vi) Principals of Post-Graduate Colleges, if any;

(vii) Three persons renowned for their specialized knowledge in the subject, to be co-opted by the Board.

4. *Constitution of Boards of Studies.*—(1) Each Board of Studies shall consist of the following members, namely:—

(i) The Head of the University Department, if any, in the subject pertaining to the Board;

(ii) Persons not exceeding such number as may be determined by the Vice-Chancellor to be appointed by the Faculties, by rotation, out of Heads of Departments of the affiliated colleges and recognized institutions where the subject pertaining to the Board is taught for degree course in the final year;

(iii) A post-graduate student in the final year of the Master's degree course, who has obtained the highest number of marks in the subject pertaining to the Board, at the previous University examination;

(iv) Two teachers to be co-opted by the Board, as follows, namely:—

(a) One teacher from the University Department, if any, in the subject pertaining to the Board,

(b) One teacher from any of the affiliated colleges where the subject pertaining to the Board is taught for degree course in the final year;

Provided that no person shall be co-opted from such a University Department or an affiliated college, the Head of which is a member of the Board under item (i) or item (ii):

Provided further that where the member under item (i) or item (ii) or both is not a teacher of any branch of the subject pertaining to the Board, an additional teacher or teachers may be co-opted under paragraph (a) or paragraph (b) or both, as the case may be, of item (iv):

Provided also that in the case of a Board of Studies pertaining to Medical Faculty the members shall be co-opted from Honorary teachers, if any, by rotation;

(v) Two members to be co-opted by the Board from any two of the following categories, namely:—

(a) A University Professor or a Reader of a University in the State,

(b) A University Professor of any other University outside the State,

(c) A person residing in the State who is well qualified in the subject pertaining to the Board,

(d) A member of the Faculty with at least ten years' experience of teaching the subject pertaining to the Board;

Provided that the total number of members of the Board shall not be less than five and more than fifteen.

(2) The Chairman of the Board shall be elected by the members of the Board from amongst themselves.

(3) The term of office of all members other than the member falling under item (iii) of clause (1) shall be three years and that of the member falling under the said item (iii) shall be for one academic year.

5. *Constitution and Powers of the Board of Extra-mural Studies.*—(1) The Board of Extra-mural Studies shall consist of the following members namely:—

(i) The Vice-Chancellor (Chairman);

(ii) The Pro-Vice-Chancellor, if any;

(iii) The Director of Education or his nominee;

(iv) One representative each of (a) Gujarat Research Society, (b) Gujarat Vidya Sabha, (c) Gujarat Vidyapeeth;

(v) Seven other members nominated by the Executive Council not less than three of whom shall be from the Academic Council;

(vi) The member of the Court who is elected thereto by the registered trade unions in the University area.

(2) The nominated members of the Board shall hold office for a period of three years.

(3) The Board of Extra-mural Studies shall have the following powers, namely:—

(a) to make necessary arrangements for the extra-mural instructions and to make rules for this purpose;

(b) to fix conditions for the admission of students and the payment of fees, if any;

(c) to grant certificates to persons who have satisfactorily completed a course of lectures on some subject or subjects approved by the Board, and have passed an examination in it, if any, held by the Board;

(d) to arrange for the writing and publication of popular books on topics of general interest.

6. *Constitution of the Board for Students' Welfare.*—(1) The Board for Students' Welfare shall consist of—

(i) The Dean of Students (Men), *ex-officio*;

(ii) The Dean of Students (Women), *ex-officio*;

(iii) The Director of Physical Education, *ex-officio*;

(iv) The Medical Officer of the University Health Centre, *ex-officio*;

(v) The Chairman of the Board of Sports, if any, *ex-officio*;

(vi) Senior most Commanding Officer of the N.C.C. in the University area;

(vii) One member nominated by the Executive Council from amongst its members;

(viii) One Head of a University Department and one Principal of an affiliated college to be nominated by the Executive Council;

(ix) Two college teachers interested in activities relating to welfare of students, of whom one shall be a woman to be nominated by the Vice-Chancellor;

(x) Fourteen representatives from amongst members of the union of University students, of the unions of students of affiliated colleges and unions of students of recognized or approved institutions out of which four shall be women;

Provided that—

(a) seven representatives including two women shall be students from University colleges, University Departments, affiliated colleges and recognized or approved institutions situated within the limits of the City of Ahmedabad as constituted under the Bombay Provincial Municipal Corporations Act, 1949;

(b) Seven representatives including two women shall be students from affiliated colleges and recognized or approved institutions situated outside the limits of the City of Ahmedabad;

(xi) All student members of the Court;

(xii) The Registrar, *ex-officio* member Secretary.

(2) The Dean of Students (Men) or the Dean of Students (Women) shall be appointed by the Vice-Chancellor as the Chairman of the Board.

(3) The term of office of the members of the Board, other than the *ex-officio* members shall be three years:

Provided that a member shall cease to be a member of the Board on his ceasing to hold the office by virtue of which he is a member of the Board.

7. *Powers and Duties of the Board for Students' Welfare.*—The Board for Students' Welfare shall exercise the following powers and perform the following duties, namely:—

(1) to advise the Executive Council on—

(a) medical examination of students,

(b) physical training of students,

(c) health, hygiene and dietetics of students,

(d) social service camps,

(e) study circles and reading clubs,

(f) hobby clubs, dramatic clubs, etc.

(g) financial help to poor students,

(h) other youth activities;

(2) to frame budget proposals for the activities mentioned in clause

(1) and to recommend them to the Executive Council;

(3) to organize any of the activities mentioned in clause (1) at suitable places in the University area;

(4) to organize the University's Youth Festivals;

(5) to prepare, scrutinize and recommend schemes of Students' Welfare for obtaining grants from the State or the Union Government and for the utilisation of such grants;

- (6) to arrange programmes for travels, hikes, mountaineering, etc;
- (7) to organize workshops, seminars and camps for the students;
- (8) to organize training for student workers;
- (9) to help Student Unions of colleges in organising hobby centres, entertainment programmes, etc;
- (10) to organize guidance services for students;
- (11) to appoint committees and to delegate to them such powers as may be necessary;
- (12) to arrange for guidance to new students about the services and facilities available at the college;
- (13) to organize and arrange for campus programmes in different colleges; and
- (14) to organize such other student activities as the Board may deem fit.

8. *Constitution of the Board for Hostels' Management.*—The Board for Hostels' Management shall consist of—

- (i) The Vice-Chancellor, *ex-officio* Chairman;
- (ii) The Pro-Vice-Chancellor, if any, *ex-officio*;
- (iii) The Registrar, *ex-officio* Member Secretary;
- (iv) A Principal of an affiliated college nominated by the Executive Council from amongst its own members;
- (v) The Deans of Students;
- (vi) The Wardens of University Hostels for men and women students;
- (vii) Two Principals of affiliated colleges having hostels, to be nominated by the Executive Council;
- (viii) Two Wardens of Hostels of affiliated colleges, other than the colleges the Principals of which are nominated by the Vice-Chancellor;
- (ix) The Medical Officer, if any, of the University;
- (x) Two student representatives of the University Hostels (including one woman student);
- (xi) Twelve student representatives to be nominated by the Vice-Chancellor from amongst students residing in hostels.

9. *Powers and duties of the Board for Hostels' Management.*—The Board for Hostels' Management shall exercise the following powers and perform the following duties, namely:—

- (1) to recommend rules for the management of University and college hostels;
- (2) to organize programmes of sports and games for hostel students;
- (3) to organize study circles, reading clubs and discussion groups for academic studies for hostel students;
- (4) to frame programmes of visits of educationists, public workers, and other eminent persons to the hostels;
- (5) to recommend schemes of guidance and counselling to hostel students;
- (6) to recommend measures to ensure proper health, hygiene and dietetics of hostel students;
- (7) to recommend measures to ensure proper living conditions, in approved lodgings and recognized hostels;
- (8) to arrange for inspection of university hostels and those attached to affiliated colleges as also other approved lodgings and recognized hostels;
- (9) to recommend a pattern of corporate life to be adopted by the University and college hostels for the consideration of the Executive Council;
- (10) to submit to the Executive Council for approval norms of accommodation, facilities and services in the University and college hostels and hostels recognized by the University;
- (11) to evaluate the working of University, college and recognized hostels at the end of every academic year and submit its report to the Executive Council;
- (12) to make proposals to the Executive Council for improvement in the conditions of University, college and recognized hostels, including their working and management.

10. *Constitution of the Academic Planning Board.*—(1) The Academic Planning Board shall consist of—

- (i) The Vice-Chancellor, Chairman;
- (ii) The Pro-Vice-Chancellor, if any;

(iii) Three University Professors belonging to different Faculties to be nominated by the Executive Council;

(iv) Two distinguished persons having academic and administrative experience, to be nominated by the Vice Chancellor;

(v) Three distinguished and experienced persons from industry and commerce, and to be nominated by the Vice Chancellor; and

(vi) The Registrar, *ex-officio* Member Secretary;

(2) The Board may co-opt on an ad-hoc basis an expert on any subject.

11. *Powers and duties of the Academic Planning Board.*—The Academic Planning Board shall advise and prepare long-term plans of the University, to generate new ideas and programmes and help the University in periodical evaluation of its work.

12. *Committees for selection of teachers of the University.*—The Committees for selection of full time teachers of the University shall consist of—

(1) (i) The Vice-Chancellor, *ex-officio* Chairman;

(ii) The Pro-Vice-Chancellor, if any:

Provided that—

(a) where a person is to be selected for the post of a Professor or a Reader three persons having special knowledge of the subject for which the Professor or Reader is to be appointed, to be selected by the Executive Council shall also be the members of the Committee, out of whom at least two shall be present at the time of interview of the candidates,

(b) where a person is to be selected for the post of a lecturer two persons having special knowledge of the subject for which the lecturer is to be appointed, to be selected by the Executive Council, shall also be the members of the Committee, out of whom at least one shall be present at the time of interview of the candidates.

(2) The Committee shall investigate the merits of the various candidates and report to the Executive Council the names of the persons, arranged in order of merit, whom it considers suitable for the vacant posts:

Provided that in the case of posts of Professors, the Committee may recommend eminent persons who may not have applied.

(3) The Executive Council shall make the final selection out of the persons so recommended, and where it makes the appointment otherwise than in accordance with the order of merit arranged by the Committee, the Executive Council shall record its reasons for doing so.

(4) If the Committee reports to the Executive Council the name of only one person and if the person so reported is not acceptable to the Executive Council, it shall refer the matter back to the Committee with reasons for not accepting the name, and if the Committee reiterates its recommendations the case shall be submitted to the Chancellor for final orders.

13. *Appointment of Examiners' Committee.*—(1) The Committee for appointment to University Examinerships for each Faculty shall consist of—

- (i) The Vice-Chancellor, *ex-officio* Chairman;
- (ii) The Pro-Vice-Chancellor, if any;
- (iii) The Dean of the Faculty;
- (iv) The Chairman of the Board of Studies; and
- (v) One member of the Board of Studies, nominated by the Vice-Chancellor for the particular year concerned.

(2) The list of the examiners prepared by the Committee shall be placed before the Executive Council and the Academic Council. Where the Academic Council suggests, or the Executive Council makes, any change in the list, it shall record reasons for the same.

(3) No member of the Committee or of the Executive Council shall be appointed as an examiner except by a resolution passed by a majority comprising not less than two-thirds of the total members of the Executive Council.

(4) A member of the Committee or the Executive Council who is appointed as an examiner shall not be eligible to receive remuneration exceeding Rs. 500 in any academic year."

Transitory
provisions.

54. (1) (a) The person who, immediately before the commencement of this Act (hereinafter referred to as "such commencement") holds office as the Vice-Chancellor under section 10 of the principal Act shall, notwithstanding that he has not been appointed to such office in conformity with the provisions of the said section as amended by this Act, continue to hold that office after such commencement only till 15th March, 1973.

(b) If for any reason whatsoever, the Vice-Chancellor is not appointed in conformity with the provisions of section 10 of the principal Act as amended by this Act, before the expiry of the term of the Vice-Chancellor referred to in clause (a), then, notwithstanding anything contained in sub-section (3) of section 10 of the principal Act as amended by this Act, the Chancellor may nominate in consultation with the State Government such person as he thinks fit to be the Vice-Chancellor and the Vice-Chancellor so nominated shall hold office till his successor is appointed in conformity with the provisions of section 10 of the principal Act as amended by this Act:

Provided that the outgoing Vice-Chancellor referred to in clause (a) shall be eligible for being considered for nomination as Vice-Chancellor under this clause.

(c) For convening a meeting of the Court for recommending the names of persons to enable the Chancellor to nominate the Vice-Chancellor under section 10 of the principal Act as amended by this Act, on the expiry of the term of the Vice-Chancellor referred to in clause (a) or, as the case may be, clause (b), a notice of such period not exceeding ten days as the Registrar thinks fit shall be given by the Registrar.

Explanation.—The term for which the Vice-Chancellor referred to in clause (a) or (b) has held office shall be ignored for the purpose of sub-section (2) of section 10 of the principal Act as amended by this Act.

(2) The Senate and the Syndicate of the Gujarat University functioning immediately before such commencement shall, on and from such commencement, be deemed to be the Court and the Executive Council respectively of the said University and such Court and Executive Council and every other authority of the said University functioning immediately before such commencement shall, notwithstanding that their constitution has been rendered inconsistent with the provisions of the principal Act as amended by this Act, continue after such commencement to exercise the functions of the corresponding authorities under the principal Act as amended by this Act, until—

(a) in the case of the Court, the 28th February, 1973 or the date of the expiry of six months from such commencement, whichever is later; and

(b) in the case of the Executive Council and every other authority, the date of the expiry of six months from such commencement:

Provided that the Senate which continues to function as the Court under this sub-section shall not exercise the function specified in sub-section (1) of section 10.

(3) Every authority of the Gujarat University for whose constitution provisions have been made for the first time in the principal Act by this Act shall be constituted within not more than six months from such commencement and the Vice-Chancellor shall exercise all powers necessary to enable him to constitute every such authority within such period.

(4) All Statutes, Ordinances, Regulations and Rules of the Gujarat University in force immediately before the coming into force of this Act shall, in so far as they are not inconsistent with the principal Act as amended by this Act or the Statutes in Schedule II thereof, continue to remain in force until superseded or modified under the principal Act.

STATEMENT OF OBJECTS AND REASONS

The State Government constituted a Commission under the Chairmanship of Shri S. R. Dongerkery, former Vice-Chancellor of Marathwada University, to go into the question of difficulties experienced in the working of the universities and to make suggestions for modernization of University Acts. The recommendations of the Commission include, *inter alia*, modifications in the constitutions of the various authorities and bodies of the Universities *viz.*, Senate, Syndicate, Academic Council, Faculties, Boards of Studies, etc., the mode of appointment of the Vice-Chancellor, readjustment of powers of the various authorities and bodies of the University, and several other matters. The Commission has also recommended that the Senate and the Syndicate of a University should be styled as the Court and the Executive Council respectively.

The Gujarat University Act was enacted in 1949 and there was a long felt need for amending the same in the light of the changing needs of the University and new ideas regarding university education. It is, therefore, considered necessary to amend the Gujarat University Act, 1949, having regard to the recommendations of the Commission referred to above. The present Bill seeks to achieve this object.

The following notes on clauses explain the important provisions to the Bill.

Clause 4.—This clause substitutes section 4 by a new section which provides for powers and duties of the University as recommended by the Commission.

Clause 7.—This clause amends section 10 of the Act so as to require the Chancellor to consult the State Government before nominating the Vice-Chancellor.

Clause 8.—This clause substitutes a new section 12 for the existing one so as to do away with the office of the Rector and provide for the appointment of a Pro-Vice-Chancellor. The new section provides also for the mode of appointment of the Pro-Vice-Chancellor and the terms and conditions subject to which he shall hold his office, and for the duties and functions to be performed by him.

Clause 10.—This clause substitutes section 15 by a new one so as to provide for some more bodies as authorities of the University, such as the Board for Hostels' Management and the Academic Planning Board.

Clause 11.—This clause substitutes section 16 by a new one which provides for the revised constitution of the Court as the Senate is henceforth to be called.

Clause 12.—This clause substitutes section 18 by a new one which provides for the powers and duties of the Court.

Clause 13.—This clause substitutes section 19 by a new one which provides for the revised constitution of the Executive Council as the Syndicate is henceforth to be called.

Clause 14.—This clause substitutes section 20 by a new one which provides for powers and duties of the Executive Council.

Clause 15.—This clause substitutes section 21 by a new one which provides for the revised constitution of the Academic Council.

Clause 16.—This clause amends section 22 so as to substitute therein a new sub-section (2) which provides for the powers and duties of the Academic Council.

Clause 17.—This clause amends section 23 so as to delete the provision for the Faculty of Agriculture consequent upon the establishment of the Gujarat Agricultural University and to provide for the revised constitution of Faculties.

Clause 18.—This clause inserts a new section 23-A which provides for the powers and duties of the Faculties.

Clause 19.—This clause amends section 24 so as to provide for a specific term of three years for the holder of the office of the Dean of each Faculty, and to empower the University to prescribe the powers, functions and duties of such officer by Statutes.

Clause 20.—This clause inserts a new section 24-A relating to the constitution of the Boards of University Teaching and Research and their powers and duties.

Clause 21.—This clause amends section 25 in relation to the constitution, powers and duties of the Boards of Studies. The constitution is to be provided by the Statutes and the powers and duties are provided for in the section itself.

Clause 22.—This clause amends section 26 so as to provide for the establishment of a Board for Hostels' Management and Academic Planning Board which are included amongst the authorities of the University in section 15 as sought to be amended by this Bill.

Clause 23.—This clause amends section 28 so as to empower the University to prescribe by Statutes the maximum number of students to be admitted in a college.

Clause 24.—This clause amends section 29 so as to specify in Schedule II to be inserted in the Act the initial Statutes relating to the constitution of the authorities of the University referred to in clauses (v), (vi), (vii), (viii), (ix) and (x) of section 15 and certain other matters.

Clause 26.—This clause seeks to amend section 31 so as to require application by not less than one-third of the members of the Executive Council for the suspension of any Ordinance instead of forty members as at present.

Clause 29.—This clause substitutes a new section 33 which provides for a revised procedure to be followed by a college seeking affiliation.

Clause 30.—This clause inserts a new section 33-A which provides that every college other than Government college, affiliated before the commencement of this Bill as an Act, shall be under the management of a governing body and shall have a committee for the selection of the staff as laid down in this section. So far as colleges to be affiliated after such commencement, suitable provision in this respect is made in new section 33 as substituted by clause 29.

Clause 32.—This clause inserts a new section 35A which provides for the procedure for approval of institutions, for specialized studies, laboratory work, research, intership and other academic work.

Clause 33.—This clause amends section 36 so as to provide for an Inspection Committee for the inspection of affiliated colleges, and recognised and approved institutions.

Clause 34.—This clause seeks to amend section 37 so as to modify the procedure for withdrawal of affiliation of a college.

Clause 35.—This clause seeks to amend section 38 so as to modify the procedure for withdrawal of recognition of an institution.

Clause 36.—This clause seeks to insert a new section 38A A relating to the procedure for withdrawal of approval of an institution.

Clause 38.—This clause seeks to add a new Chapter VI-A so as to provide for conferment of autonomy in specified matters on any affiliated college or University college or recognized institution or University Department, and also to lay down the procedure for conferment of autonomy thereon and for withdrawal of the same.

Clauses 40 and 41.—These clauses seek to amend sections 40 and 41 so as to empower the Court to determine and recommend to the Government at any time that all instructions, teaching and training within the University area shall be conducted by the University and be imparted by the teachers of the University.

Clauses 42 and 43.—These clauses seek to insert provisions in the Act with a view to making students eligible to be enrolled as students of the University without being required to pass the Secondary School Certificate Examination or an equivalent examination with English as one of the subjects.

Clause 46.—This clause seeks to substitute Chapter IX by a new one providing for Committees for Selection of University Teachers, Examiners' Committee, Joint Consultative Committees and other Committees.

Clause 48.—This clause seeks to insert a new section 51A so as to provide for the appointment of every member of the staff of a college and a recognised and approved institution under a written contract, as in the case of a member of the University staff, and to prohibit such member from being dismissed, removed or reduced in rank without being given a reasonable opportunity of being heard.

Clause 49.—This clause seeks to amend section 52 so as to empower the University also to refer to arbitration disputes between the University and a member of its staff.

Clause 50.—This clause seeks to insert a new section 52A so as to provide for reference of any dispute between the governing body of an affiliated college or a recognized institution and members of its staff to a Tribunal of Arbitration.

Clause 51.—This clause seeks to insert a new section 53A so as to require affiliated colleges and recognized or approved institutions to make provision for the benefit of the members of their staff in the matters of insurance, pension, provident fund, and to require such colleges or institutions to deposit their subscriptions in this regard in Scheduled or a Co-operative Bank.

Clause 52.—This clause inserts a new section 59A which exempts colleges and institutions owned or maintained by Government from the provisions of sections 51A, 52A and 53A.

Clause 53.—This clause provides for substitution of two new Schedules for the existing Schedule. Schedule I as substituted describes the University area as it exists at present. Schedule II as newly inserted prescribes the initial Statutes concerning certain officers of the University like the Deans of Students (Men and Women), constitution of the Boards of University Teaching and Research, Boards of Studies, constitution, powers and duties of the Board of Extra-Mural Studies, Board for Students' Welfare, Board for Hostels' Management, Academic Planning Board, constitutions of the Selection Committees for the appointment of University Teachers and Examiners' Committees, and the procedure to be followed by these Committees.

Clause 54.—This clause contains transitory provisions, in respect of the Vice-Chancellor, the Senate, the Syndicate and other authorities of the University existing before the commencement of this Bill as an Act and for the constitution of the new authorities or bodies provided for in the Bill.

Dated the 5th December, 1972. (Signed) **Gordhadas R. Chokhvala.**

MEMORANDUM REGARDING DELEGATED LEGISLATION

The Bill involves delegation of power of legislative character in the following respect, namely:—

Clause 1.—This clause empowers the State Government to appoint a date on which the provisions of the Act shall come into force.

The delegation of legislative power as aforesaid is necessary and is of a normal character.

Dated the 5th December, 1972.

(Signed) **Gordhandas R. Chokhvala.**

By order and in the name of the Governor of Gujarat,

S. S. SHAH,
Secretary to the Government of Gujarat
Legal Department.

Gandhinagar,

Dated : 14th December 1972.

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Confidential:

University Grants Commission

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Meeting:

Dated: 7th February, 1973

Item No. 2: To consider a reference received from the Government of Madhya Pradesh for the establishment of a State University Commission in the Madhya Pradesh.

....

The Government of Madhya Pradesh (Education Department), Bhopal have informed that the State Govt. are considering the question of establishing a State University Commission on the pattern of the Commission in Bihar State. A copy of the draft bill prepared by the Government of Madhya Pradesh in this regard is enclosed (Annexure). The State Government have requested for the advice of the U.G.C. on the draft Bill.

An extract from the report of Committee on Governance of Universities with regard to Grants Committees in the States is reproduced below:-

" The Education Commission (1964-66) had observed in its report as follows: 'The Model Act Committee raised the question of University Grants Commission or Committees being set up by the State Governments for universities within a State, but made no specific recommendation. The Standing Committee of the I.U.B. was strongly against the establishment of such Committees in the State, holding that if the State Government required any advice, it should consult the U.G.C. We agree with this view. In giving grants to universities, the question of finance and standards, and collaboration between universities outside a given State, are all intimately linked. It may lead to confusion if the responsibility for coordinating standards was distributed amongst a number of bodies such as the Central U.G.C. and the State UGCs. It would also hinder the existing direct relationship between the UGC and the universities."

We concur with the observations of the Education Commission, we would, however, suggest that each State should have a Coordinating Committee of the Vice-Chancellors of the Universities in the State to discuss problems of mutual interest. The Committee should be of an advisory nature, and not an additional authority in the hierarchy for the development of the universities."

The U.G.C. has generally agreed with the recommendations made by the Committee.

The matter is placed before the Commission for consideration.

.....

Madhya Pradesh Bill of 1972
The Madhya Pradesh State University Commission
Bill 1972

A
BILL

To make provision for the supervision and Improvement of University Education in the State and for that purpose to establish a State University Commission.

if enacted by the Legislature of the State of Madhya Pradesh in the year of the Republic of India as follows:-

Chapter - I
Preliminary.

(1) Short title, extent and Commencement-(1) this bill may be called the Madhya Pradesh State University Commission bill 1972.

(2) It extends to the whole of the State of Madhya Pradesh.

(3) It shall come into force on such date as the State Government may, by notification in the Official Gazette, appoint.

2. Definitions:- In this Bill unless there is anything repugnant in the subject or context:-

(a) "Chairman" means the Chairman of the Commission

(b) "Commission" means the Madhya Pradesh State University Commission established under Section 3.

(c) "Deputy Chairman" means the Deputy Chairman of the Commission

(d) "Fund" means the fund of the Commission constituted under section 14;

(e) "Member" means a member of the Commission;

(f) "Secretary" means the Secretary of the Commission;

(g) "University" means a University established by an Act of the Legislature of the State of Madhya Pradesh.

Chapter-II
Establishment of the Commission

3. Establishment of the Commission:-(1) With effect from such date as the State Government may, by notification in the Official Gazette, appoint, there shall be established a Commission by the name of the Madhya Pradesh State University Commission.

(2) The said Commission shall be a body corporate having perpetual succession and a common seal, and shall by the said name sue and be sued.

4. Composition of the Commission:-(1) The Commission shall consist of the following members

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- (a) The Governor of Madhya Pradesh who shall be the Chairman.
- (b) One person who, in the opinion of the Chairman, is noted for scholarship and academic interest, appointed by the Chairman to be the Deputy Chairman.
- (c) two Vice-Chancellors of the Universities of the State to be nominated by the Chairman.
- (d) two educationists of repute or persons of eminence in public life noted for their academic interest to be nominated by the Chairman;
- (e) One representative of the University Grants Commission established under the University Grants Commission Act, 1956 (Act no. 3 of 1956), if nominated by the Chairman of the that Commission;
- (f) Secretary to the State Government in the Finance Department.
- (g) Secretary to the State Government in the Education Department.
- (h) Director of Collegiate Education, Madhya Pradesh
- (2) There shall be a Secretary to the Commission to be appointed by the State Government.
- (3) Every appointment and nomination shall take effect from the date on which it is notified in the official gazette.
- (5) Terms and conditions of service of members other than ex-officio members:-(i) The Chairman shall be appointed by the State Government for a term of three years at the expiry of which he may be re-appointed for one more term not exceeding three years.(ii) The Chairman shall be paid a salary of rupees (-) per mensem and shall be provided with a suitable rent-free house for his residence at the head quarters of the Commission.
- (2) The term of office of members nominated under clause (c) of sub-section (1) of section 4 shall be one year and of those nominated under clauses (d) and (e) of the said sub-section shall be three years.
- (3) A member may resign his office by writing under his hand addressed to the Chairman but he shall continue in office until his resignation is accepted by the Chairman
- (4) A vacancy caused by the resignation of a member under sub-section
- (3) or for any other reason shall be filled by fresh appointment or nomination as the case may be and a member so appointed or nominated shall hold office for the remaining period for which the member in whose place he is appointed would have held office.
- (5) The Office of the Secretary shall be a whole time one and he shall be paid a salary in the scale of Rs.(-) and subject thereto the terms and conditions of service of the Secretary and the other members shall be such as may be determined by the Chairman
6. Meetings of the Commission:- The Commission shall meet at such time and place and shall observe such rules of procedure in regard to the transaction of business at

its meetings as may be provided by Regulations made under this Bill.

7. Vacancies amongst members of defect in constitution not to invalidate acts or proceedings of the Commission- No act or proceedings of the Commission shall be deemed to be invalid by reasons merely of any vacancy in, or any defect in the constitution of the Commission.

8. Temporary association of persons with the Commission for particular purposes. (1) The Commission may associate with itself any person whose assistance or advice it may desire in carrying out any of the provisions of this Bill.

(2) A person associated with it by the Commission under sub-section (1) shall have a right to take part in the discussions but shall not have a right to vote.

9. Staff of the Commission:- Subject to such rules as may be made by the State Government the Commission may appoint such employees as it may think necessary for the efficient performance of its functions under this Act and the terms and conditions of service of the employees shall be such as may be determined by the Commission

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Chapter III

POWERS AND FUNCTIONS OF THE COMMISSION

10. Powers and Functions of the Commission:-

The powers and functions of the Commission shall be the following, namely:-

- (a) to recommend to any University measures necessary for the improvement of University education and advise the University upon the action to be taken for the purpose of implementing such recommendations;
- (b) to enquire into the financial needs of universities;
- (c) to allocate and disburse out of the fund of the Commission such grants to Universities as they may deem necessary for their development or for any other general or specified purposes;
- (d) to advise the State Government on the allocation of any grants to Universities for any general or specified purpose out of the consolidated Fund of the State;
- (e) to advise the State Government, if any advice is asked for, or suo motu on the establishment of a new University or on proposals connected with expansion of the activities of any University;
- (f) to advise the State Government on any question which may be referred to the Commission by the State Government;
- (g) to require a University to furnish it with such information as may be needed relative to the financial position of the University or the studies in the various branches of learning under taken in that University;
- (h) to accord or withhold approval to the affiliation of a college proposed by a University.
- (i) to advise the Chancellor of the draft of any Statute passed by the Senate of a University;
- (j) to advise the Universities on their existing and proposed Ordinances.

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(k) to approve the Regulations passed by the senate of a University:

(1) to perform such other functions as may be prescribed or as may be deemed necessary by Commission for advancing the cause of higher education in the State.

11. Inspection:- (1) For the purpose of ascertaining the financial needs and academic requirements of a University or a college the Commission may make an inspection or cause an inspection to be made by such person or persons as it may direct, of a University or a college and also of the examinations, teaching and other work conducted or done by the University or the College.

(2) The Commission shall communicate to the University concerned the date on which any inspection under sub-section (1) is to be made and the University shall be entitled to be associated with the inspection.

(3) The Commission shall communicate to the University its views with regard to the results of any such inspection and may after ascertaining the opinion of the University issue necessary directions to the University regarding the action to be taken as a result of such inspection and the University shall carry out such directions within the time-limit, if any laid down by the Commission.

12. Audit:- The Commission may cause the accounts of a University or any college to be audited and on receipt of the audit report, it may after calling for a report from the University or college on the points raised therein and after considering the same, issue such directions as it thinks fit and thereupon the University or the college as the case may be, shall comply with such directions within the time specified therein.

13. Payment to the Commission:- The State Government may pay to the Commission in each financial year such sums as it may consider necessary for the performance of the functions of the Commission under this bill.

14. Fund of the Commission: (1) The Commission shall have its own fund and all sums which may from time to time be paid to it by the State Government and other receipts of the Commission if any, shall be carried to the Fund and all payments by the Commission shall be made therefrom

(2) All moneys belonging to the fund shall be deposited or invested in such manner as may, subject to the approval of the State Government be decided by the Commission.

(3) The Commission may spend such sums as it thinks fit for performing its functions under this Bill and such sums shall be treated as expenditure payable out of the Fund of the Commission.

15. Budget:- The Commission shall prepare a budget in respect of the financial year next ensuing showing the estimated receipts and expenditure and copies thereof shall be forwarded to the State Government.

16. Annual Report:- The Commission shall prepare once every year an Annual report giving a true and full account of its activities during the previous year and copies thereof

shall be forwarded to the State Government and the State Government shall cause the same to be laid before the State Legislature.

17. Account and Audit:- (1) The Commission shall cause to be maintained such books of account and other books in relation to its account in such form and in such manner as it may, in consultation with the Accountant-General Madhya Pradesh decide..

2. The Commission shall, as soon as may be, after closing its annual accounts, prepare a statement of accounts and forward the same to the Accountant-General Madhya Pradesh by such date as the State Government, in consultation with the Accountant-General, Madhya Pradesh determine.

(3) The accounts of the Commission shall be audited by the Accountant-General, Madhya Pradesh at such time and in such manner as he thinks fit.

(4) The annual accounts of the Commission together with the audit report thereon shall be forwarded to the State Government and the State Government shall cause the same to be laid before the State Legislature and shall also forward a copy of the audit report to the Commission for taking suitable action on the matters arising out of the audit report.

Chapter-IV
Miscellaneous

18. Returns and information:- The Commission shall furnish to the State Government such returns or other information with respect to its property or activities as the State Government may from time to time require.

19. Power to make rules:- (1) The Chairman may, by notification in the Official Gazette, make rules, not inconsistent with the provisions of this Bill to carry out the purposes of this Bill.

(2) In particular and without prejudice to the generality of the foregoing power such rules may provide for the terms and conditions of service of members of the Commission and for the additional functions which may be performed by the Commission under clause(1) of section 10.

(3) Every rules made under this section shall be laid as soon as may be after it is made, before the State Legislature while it is in session for a total period of fourteen days which may be exercised in one session or in two successive sessions, and if, before the expiry of the session in which it is so laid or the session immediately in making any modification in the rules Legislature agree that the rule should not be made, the rule shall thereafter have effect only in such modified form or be of no effect, as the case may be, so however, that any such modified form or be of no effect, as the case may be, so however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule.

20. Power to make regulations:- The Commission may make regulations consistent with this Bill and the rules made there under:-

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- (a) regulating the meetings of the Commission and the procedure for conducting business thereof;
- (b) regulating the manner in which persons may be associated with the Commission under section 8.
- (c) Specifying the terms and conditions of Service of the employees appointed by the Commission.
- (d) defining the qualifications that should ordinarily be required of any person to be appointed to the teaching staff of a University.

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 25: To consider the proposals of the Delhi University:-

- i) To provide assistance to the colleges for items such as Braille typewriter, Braille dictionary and cassette recorder for the blind students. p123-125
- ii) Regarding utilisation of Ford Foundation assistance. p126

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'CHUGH'

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UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. To consider the proposal of the Delhi University to provide
25(i) : assistance to the colleges for items such as Braille typewriter, Braille Dictionary and Cassette Recorder for the blind students.

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The University Grants Commission at its meeting held on 6th September, 1972 (vide item No.61) (copy of the note attached as annexure I) considered a communication received from the Chief Executive Councillor, Delhi Administration suggesting exemption from tuition fees and hostel charges or raising the amount of scholarship paid by the Government of India, in respect of blind students studying in Delhi colleges receiving maintenance grants from the University Grants Commission. The Commission desired that this may be discussed with the Ministry of Education & Social Welfare. Accordingly a communication has been addressed to the Government of India requesting them to let the Commission know if the department of Social Welfare is providing scholarship for blind students and if so, the terms and conditions for the same might be made available. It was also requested to inform if the department of Social Welfare could provide assistance as suggested by the Delhi Administration to the blind students admitted to colleges of the Delhi University. The reply from the Government of India is still awaited.

In the meanwhile the Delhi University has sent a proposal to provide the following facilities for blind students in Delhi colleges:-

- | | |
|------------------------|--------------------|
| 1) Braille typewriter | @ Rs.950/- approx. |
| ii) Braille Dictionary | @ Rs.300/- approx. |
| iii) Cassette Recorder | @ Rs.350/- approx. |

The University is of the view that the above facility should be made available for the use of each blind student in each college and recommends that the University Grants Commission may approve of the purchase of sufficient number of these items to be made available to a college having blind students.

The strength of blind students, as at present in the colleges, affiliated to the Delhi University is stated to be as under:-

St. Stephen's College	2	
Delhi College	4	
Delhi College (Evening)	1	
Hindu College	3	
Kalindi College	11	
Janki Devi Mahavidyalaya	6	
Ramjas College	2	
Dyal Singh College		Exact number not indicated by the University.

A copy of the Delhi University's letter No.10/68/CB-72/39806 dated 27.11.72 received in the Commission is enclosed (Annexure II).

The matter is placed before the Commission for consideration.

AS (CU)/FO

(129)

Annexure to Item No.25(i)

Copy of note placed before the Commission at its meeting held on 6th September, 1972 vide item No.61.

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Chief Executive Councillor, Delhi Administration has intimated that several blind students who have been admitted in the colleges of Delhi University cannot afford to pay the college fees, hostel charges etc. which amount to about Rs.150/- per month each. They have also to incur extra expenses on readers' fees, special equipment fees, escort fee, etc. These students get a scholarship of Rs. 75/- per month each from the Government of India which is inadequate. It has, therefore, been suggested that the Commission may consider the possibility of exempting these students as well as other physically handicapped students for the payment of tuition fees and hostel charges or of raising their scholarships so that they may receive their education free. A copy of the letter received is attached (Appendix):

The matter is put up for the Commission's consideration.

L.S.(CU)/F.O.

.....

f.T.O.

'CHUGH'

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APPENDIX

Copy of the D.O. letter No.F. 18/32/72(Edu) dated 18/19th August, 1972 received from the Chief Executive Councillor, Delhi Administration, addressed to Dr.D.S.Kothari, Chairman, University Grants Commission, New Delhi.

The Vice-President of the National Association of the Blind has written to me that several blind students who have shown extraordinarily good results at the Higher Secondary Examinations have been admitted to various good colleges, like St. Stephen's College, Ranjas College, Hindu College, etc. They are very keen to prosecute their higher studies, but the college fees, hostel charges, etc. come to about Rs.150/- per month which they cannot afford as most of them come from lower middle class families. They have also to incur extra expenses as Reader's fees, special equipment fees, escort fee, etc. They only get a scholarship of Rs.75/- per month from the Government of India which is inadequate, keeping in view their handicap and need to incur extra expenditure.

You would agree with me that these blind students deserve all our sympathy and encouragement. I hope you would explore the possibility of exempting these students as well as other physically handicapped students from payment of tuition fees and hostel charges or would raise their scholarship to the extent that higher education is imparted free to them.

I have also requested the Vice-Chancellor of the Delhi University to extend all possible help in getting these students admitted in hostels along with others and exempt them from payment of tuition fees and hostel charges.

I hope you would kindly consider sympathetically extending of all possible help to these blind students. I am confident the University Grants Commission would offer all possible help to these deserving students.

'CHUGH'

(125)

Annexure II to Item No.25(i)

A copy of letter No.10/68/CB-72/39806 dated November 25, 1972 received from the Registrar, Delhi University, Delhi, addressed to the Secretary, University Grants Commission, New Delhi.

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The University has made enquiries about the number of blind students studying in different colleges affiliated to the University. Given below is the information received from some of the colleges:-

<u>Name of the college</u>	<u>Number of blind students</u>
St. Stephen's College	2
Delhi College	4
Delhi College (Evening)	1
Hindu College	3
Kalindi College	11
Janki Devi Mahavidyalaya	6
Ramjas College	2

It has also been learnt that Dyal Singh College has also some blind students. The number of such students is not yet known. A proposal has been received from the colleges for the provision of the following facilities for the blind students:-

Braille Typewriter
Braille Dictionary
Cassette Recorder

The University thinks that this facility should be made available for the use of each blind student in each college. It is recommended that the University Grants Commission may approve of the purchase of sufficient number of these items to be made available to a college having blind students. Given below is an estimated cost of each of these three items:-

Braille typewriter	Rs.950/- approx.
Braille dictionary	Rs.300/- "
Cassette Recorder	Rs.350/- "

In any case, the University Grants Commission may kindly examine the proposal from the point of view of the provision of this facility.

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'CHUGH'

Confidential

UNIVERSITY GRANTS COMMISSION

(126)

Meeting:

Dated : 7th February, 1973.

Item No. 13 (ii): To consider the proposals of the Delhi University regarding utilisation of Ford Foundation assistance.

The Government of India had agreed to the Delhi University receiving Ford Foundation assistance of \$ 5 million for its development proposals. This allocation included an amount of \$ 4,50,000 for the faculty exchange programme to strengthen the teaching and research at the University. The Ford Foundation informed the Government of India in August, 1972 that approximately \$ 3,10,000 out of the allocation of \$ 4,50,000 for faculty exchange programme remained unutilised as on 30th June, 1972. The Ford Foundation proposed that the period for utilisation of this amount may be extended upto March 31, 1974. The Government of India, Ministry of Education asked for the views of the University Grants Commission. They wanted specific comments of the U.G.C. whether the programme is really useful.

The matter was discussed with the Vice-Chancellor, Delhi University, who agreed that the unutilised amount may not be utilised for sending any teachers either to U.S.A. for long period or for attending international conferences. He suggested that a sum of \$ one lakh out of the un-utilised amount of \$ 3,10,100 may be earmarked for inviting Professors from U.S.A. The Vice-Chancellor, Delhi University has subsequently confirmed this position.

The matter is placed before the Commission for consideration.

Kajahi

Eo (C.D).

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UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 26: To consider the proposals of Banaras Hindu University:-

- i) To construct an auditorium under the Students Amenities Scheme. p128-129
- ii) For financial assistance for the project entitled "Magnetospheric Investigations by Multistation Low Latitude Whistlers and VLF emissions." of Dr. B.A.P. Tantri, Prof. & Head of the Department of Physics. p130-131
- iii) For a grant of Rs.1,20,000/- for the printing and publication of Historical Grammar of Hindi Language. p132
- iv) For strengthening facilities for teaching of foreign languages. p133-136
- v) For financial assistance for the project entitled "Mechanism recombination in Eukaryotes" of Dr. S.K. San, Head of the Department of Genetics and Plant Breeding, Faculty of Agriculture. p137
- vi) For establishing Raja Ram Mohan Roy chair. p139

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'CHUGH'

Confidential

University Grants Commission

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Meeting :

Dated : February 7, 1973

Item No. 23 (i) To consider the proposal of Banaras Hindu University for the construction of auditorium under the students amenities scheme.

The Commission at its meeting held on 7th April, 1971 considered the proposal of Banaras Hindu University for the construction of an auditorium with 2,000 seats under the scheme of students amenities and desired that this may be further examined in consultation with the C.P.W.D. so as to have a firm estimate for the completion of the Project. Accordingly, the plans and estimates were examined in consultation with the C.P.W.D. The C.P.W.D. intimated that the preliminary estimates amounting to Rs. 35,25,000/- appeared to be reasonable. However, due to paucity of funds, the proposal was not accepted.

Banaras Hindu University has later informed that for a large residential university like the Banaras Hindu University, an auditorium is necessary. An extract of the letter received from the Vice Chancellor in this connection is reproduced below :

"You will agree that for a large residential University like that of B.H.U. an auditorium is a necessity. Yesterday, at the meeting of the Deans and Student Advisers it was decided to name this auditorium as "The Hall of Independence" in connection with the celebration of Silver Jubilee of Independence and it has been further suggested that I should approach you again to permit the University to construct the auditorium. I shall be grateful if you can kindly give your approval to this project. As I wrote to the Commission earlier it is estimated that the auditorium will cost nearly thirty-five lakhs. If you kindly agree to this proposal we shall defer some items which have been already sanctioned by the Commission in the first priority list. So, the additional commitment of the Commission will be about Rupees twentyfive lakhs and this too will be spread over the whole of Fifth Plan (The University undertakes to raise five lakhs for this project). "The Hall of Independence" (Swatantrata Bhavan) is a project of considerable importance which will involve the participation of students and teachers. It will also be a fitting memorial for the contribution which the University had made during the freedom movement and the post-independence period."

P. T. O.

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The proposal was further discussed with the University and as a result thereof, the University has now informed that it would be willing to meet 50% cost of the construction of auditorium and the rest may be met by the Commission. Normally, the Commission's assistance to Central Universities is on cent per cent basis.

The Commission had agreed to provide assistance to the Banaras Hindu University to the extent of Rs. 50 lakhs for providing amenities to students. Under this programme the Commission has already accepted schemes for Rs. 30,11,331 and further proposal for Rs. 22.02 lakhs was also considered by the Commission at its meeting held in February, 1972. The Commission accepted the proposal in principle subject to the specific conditions that the Commission's commitment for the scheme as a whole would be limited to Rs. 50 lakhs. The provision for assistance for the construction of an auditorium is not included under the proposals sent by the University for providing students amenities within the amount of Rs. 50 lakhs.

However, the schemes under the students amenities programme of Banaras Hindu University is being reviewed by a Committee appointed for the purpose as desired by the Commission at its meeting held on 2nd August, 1972.

The proposal of Banaras Hindu University for the construction of an auditorium at an estimated cost of Rs. 35,25,000/- on 50% sharing basis is placed before the Commission for consideration.

A.S. (CU)/ F. O.

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28/4

UNIVERSITY GRANTS COMMISSION

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Meeting:

Dated: 7th February, 1973.

Item No. 26 (ii): To consider a proposal of Benaras Hindu University for financial assistance for the project entitled "Magnetospheric Investigations by Utilisation Low Latitude Whistlers and VLF emissions" of Dr. B. A. P. Tantry, Prof. & Head of the Department of Physics.

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The Benaras Hindu University has forwarded a proposal requesting for an assistance of Rs.51,517/- for meeting the expenditure for the continuation of the research project "Studies of whistlers at low latitudes and the VLF waves employing multistation techniques" for the period 1.9.1973 to 31.3.1974. This project was earlier supported for a period of 3 years from 1.12.1969 to 30.11.1972 at a total cost of Rs.3,73,868/- from the U.S. P.L.480 Funds. At the end of the 3 years, the University has been allowed by the U.S. sponsoring agency to utilise the savings available for continuing the project for a period of 9 months upto 31.8.1973.

Professor B.A.P. Tantry of the Department of Physics who is the Principal Investigator of this project has mentioned that the project is in a very interesting phase and is likely to yield results of considerable value in Space Research as well. In view of this, the proposal was referred to Professor S. Dhawan, Chairman, Space Commission, Govt. of India for his comments. Professor Dhawan has communicated that Professor Tantry's work is considered good, being related to the problem of the magnetosphere and that one of his research scholars has also been recommended by the Physical Research Laboratory Ahmedabad to work at their Abu Station. He has, therefore, recommended that the Commission may provide assistance for continuation of this programme.

In view of the recommendation made by the Chairman, Space Commission and also the importance of the work the proposal of Benaras Hindu University for a grant of Rs.51,517/- (details in Annexure) for completion of the project by 31.3.1974 is placed before the Commission for consideration.

E.O.(Sec.I)/Addl. Secretary

OPM

P.T.O.

(131)

Detailed estimates of expenditure to be incurred on the research project "Studies of Whistlers at Low Latitude and the VLF Waves Employing Multistation Techniques" of Dr. P.A.P. Tantry, Head of the Department of Physics, Banaras Hindu University Varanasi for the period from 1.9.1973 to 31.3.1974

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Recurring:

<u>Staff</u>	<u>No. of posts</u>	<u>Amount</u> <u>Rs.</u>
Sr. Scientific Officers in Scale Rs.700-50-1250 plus allowances as per University rules.	2	16,268.00
Jr. Scientific Officer in scale Rs.400-40-950 plus allowances as above.	2	11,116.00
Jr. Research fellow (Rs.300/- p.m. fixed)	2	3,200.00
Sr. Tech. Asstt. in scale Rs.325-15-475-20-575 plus allowances as above	1	4,452.00
Accountant in scale Rs.250-15-400-15-475 plus allowances as above	1	4,221.00
Lab. bearer (Rs.180/- p.m.)	1	-1,260.00
	Total	<u>41,517.00</u>
Travelling Expenses:		5,000.00
General Revenue:		-5,000.00
	Grand Total:	<u>51,517.00</u>

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UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 45 (iii) : To consider the proposal of Banaras Hindu University for a grant of Rs.1,20,000/- for the printing and publication of Historical Grammar of Hindi Language.

The University Grants Commission at its meeting held on 4th February 1970 accepted the proposal of the Banaras Hindu University for completing the work relating to the preparation of the Historical Grammar of Hindi Language and survey of Literature at an estimated cost of Rs.56,000/- provided that this could be met within the Fourth Plan allocation of the university. The Commission also agreed to the creation of a post of Director for the scheme in the scale of pay of Rs.1100-1600 for a period of two years, to be filled in accordance with the normal procedure of the university. It was noted that the expenditure on this would have to be provided by the university within the over-all fourth plan allocation (resolution No.76(ii) dated 4th February 1970).

The Banaras Hindu University approached the Commission for a grant of Rs.1,20,000/- for the printing and publication of five volumes prepared under the scheme. The University also desired to continue the post of the Director and four research assistants for a period of one year for checking and reference, cross-references etc. In addition, it required the services of a proof reader-cum-index maker. The total estimated expenditure including contingencies amounted to Rs.56,000/- and this was proposed to be met within the fourth plan allocation. This matter was considered by the Commission at its meeting held on 5th April, 1972. The Commission agreed to provide a grant of Rs.56,000/- to the university within the fourth plan allocation for completing the project. The Commission further desired that the question of publication of the work may be taken up separately (Resolution No.64 (iii) dated 5th April, 1972).

The Banaras Hindu University informed in November, 1972 that final press copies (two parts numbering 1000 pages) were ready. It was expected that by December, 1972, the manuscripts of parts 3 and 4 (numbering 1000 pages) would also be ready. Part 5 (Index) would be ready by February, 1973. The total printing cost is estimated to be Rs.1,20,000/-. The University, has, therefore, requested the University Grants Commission to sanction a sum of Rs.1,20,000/- for the purpose outside the fourth plan allocation.

The matter is placed before the Commission for consideration.

S.O. (H-1)

University Grants Commission

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Meeting:

Dated: 7th February, 1973

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Confidential

Item No. 2 (ix) : For consideration of Banaras Hindu University for strengthening facilities for teaching of foreign languages.

The Banaras Hindu University approached the University Grants Commission for assistance towards the teaching of five Asian languages viz. Sinhalese, Japanese, Indonesian/Malaysian, Burmese and Thai. The Banaras Hindu University had been imparting instruction in Chinese and Nepalese in the department of foreign languages. In 1963-64, teaching in other languages was also started. The number of students who benefited from the programme during 1963-70 is as under:

1. Sinhalese	33
2. Japanese	26
3. Burmese	14
4. Indonesian/Malaysian	12
5. Thai	6
6. Khmer	7
7. Old Javanese	12
8. Tibetan	12
9. Mongolian	9

A Review Committee was appointed by the University to examine the need for continuing these classes. The committee observed that the first six languages are modern languages of importance and the latter three are of cultural importance for the study of India's relations with the outside world. The Review Committee suggested that to start with, teaching arrangements should be made in the following five languages.

1. Sinhalese
2. Japanese
3. Indonesian-Malaysian
4. Burmese, and
5. Thai

The University Grants Commission considered the proposal at its meeting held on 11th January, 1972 and felt that the Banaras Hindu University be requested to review its requirements for teaching foreign languages keeping in view the demand for the same and the facilities already provided for the same by other central universities (Resolution No 11 dated 11th January, 1972).

The Banaras Hindu University informed that the matter was reviewed by the Executive Council of the University which resolved that the question of re-organization of the teaching of Asian languages at the university be pursued further with the U.G.C. so that the scheme could be implemented from the

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next academic session. Accordingly the university requested the commission to sanction five posts of lecturers, one each in Sinhalese, Japanese, Indonesian/Malayesian, Burmese and Thai outside the fourth plan allocation of the university. This would not be agreed to by the commission, since assistance was sought outside the fourth plan ceiling, and the university was requested to include the proposal in its development programme for the fifth plan.

The Commission has now received a letter from the High Commissioner of the Republic of Sri Lanka, who has suggested that in view of the Scholarship and competence of the present lecturer in Sinhalese at the Banaras Hindu University Venerable P. Gunaratane, the Government of Sri Lanka would be willing to undertake his maintenance in Banaras provided the university gives him free lodging. A copy of the letter received from the High Commissioner is attached. (Annexure-I.)

A copy of the letter from the High Commissioner, Republic of Sri Lanka, was sent to the Banaras Hindu University for comments. In this connection, a copy of letter dated 30th November, 1972, received from the Banaras Hindu University is attached (Annexure-II).

The matter is placed before the Commission for consideration.

(E.O(H-I)

Copy of the letter received from High Commissioner of the Republic of Sri Lanka (Ceylon) addressed to the Secretary, University Grants Commission, New Delhi.

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During my recent visit to Sarnath to preside over the Birth Anniversary Celebrations of the Inagarika Dhamapala, a representative of the students of the above Courses met me and explained the problem created by the recent decision of the University to discontinue these Courses due to financial difficulties. The interview was followed up with a letter, a copy of which is annexed.

I understand that long-term proposals for a reorganized scheme of regional studies, including the languages and cultures of Sri Lanka, are under consideration by you. If the Courses are discontinued, in the meantime, not only will the momentum, generated by nine years of work be totally lost, but the present batch of eight students will also be inconvenienced, particularly in the middle of their Course.

In view of the financial difficulties which the University is facing at the moment, I wish to make a proposal. As the present lecturer in Sinhalese Venerable P. Gunaratane is a competent scholar, whose erudition is highly respected in Sri Lanka, I would like to undertake his maintenance in Banaras, provided the University gives him free lodging.

I shall be thankful if you will please use your good offices in getting the University to continue the Courses without a break until proposals for a permanent solution are implemented.

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P. T. D.

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Annexure II to Item No. 136

Copy of the letter received from the Dy. Registrar, Banaras Hindu University, Varanasi addressed to the Secretary, University Grants Commission, New Delhi.

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I am to refer to your letter No.F.1-11/69(H-I) dated 15th November, 1972 on the subject mentioned above and to intimate that the University made arrangement for the teaching of Sinhalese under the programme of "Teaching of Asian Languages". The University submitted a proposal to the Commission vide this letter No. R/Dev/5618 dated February 1, 1971 for sanction of five posts of Lecturers including a lectureship in Sinhalese.

In view of the fact that the University was not in a position to accommodate the expenditure within plan allocation, the proposal of the University was not accepted by the Commission and the adhoc arrangement made by the University for the teaching of Asian Languages has been discontinued.

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Confidential:

University Grants Commission

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Meeting:

Dated: 7th February, 1973

Item no. 85(v) : To consider the proposal of Banaras Hindu University for financial assistance for the project entitled "Mechanism recombination in Eukaryotes" of Dr. S.K.Sen, Head of the Department of Genetics and Plant Breeding, Faculty of Agriculture.

The Banaras Hindu University has forwarded a research project entitled "Mechanism of recombination in eukaryotes" to be taken up by Dr. S.K.Sen of the Department of Genetics and Plant Breeding, Faculty of Agriculture for assistance from the Commission. The project requires a non-recurring expenditure of Rs. 30,500/- and a recurring expenditure of Rs. 35,000/- per annum. The details are indicated in Annexure-1. The duration of the project is five years.

Dr. S.K.Sen had earlier forwarded to the University Grants Commission a major research programme estimated to cost Rs. 5,33,700/- for a five-year period for working on the 'Mechanism of recombination in eukaryotes' for support from US Pl 480 rupee sources. However in view of the present situation where such proposals are not likely to be considered, the Principal Investigator was requested to revise and send for consideration of the Commission a research programme which could be possibly funded by the U.G.C. The proposal, on receipt, from the University was referred to Prof. M.S.Swaminathan, Director-General, ICAR for his comments on the importance and value of the work proposed. Prof. Swaminathan has recommended the research proposal for support from the University Grants Commission. He has mentioned that the project is interesting and is worthy of support and that the Commission would be able to provide the necessary funds.

The matter is placed before the Commission for consideration.

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Annexure to Item III

Detailed estimates of expenditure to be incurred on the research project "Mechanism of Recombination in Eukaryotes" of Dr.S.K.Sen, Department of Genetics and Plant Breeding, Faculty of Agriculture, Banaras Hindu University, Varanasi.

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A. Staff

<u>Description</u>	<u>Number</u>	<u>Salary</u>	<u>Amount</u>
1. Res.Associate	2	500/-p.m.	12,000
2. Res.Assistant	2	300/-p.m.	7,200
3. Special Assistant	1	210 ⁰⁰ / 85 p.m.	5,400
4. Lab.Attendent	1	85-95	2,400
			<u>27,000</u>

B; Equipment (Non-recurring)

1. Incubator	1	..	8,000
2. Deep-freeze	1	--	8,000
3. Air Conditioner (1.5. ton)	1	..	7,500
4. Type writer (Remington)	1	..	2,000
			<u>25,500</u>

C. Miscellaneous

Item: I. Non-Recurring

i) Capital Assets (Remodelling & alteration of lab & space)			5,000
ii) Recurring:			
2. Travel within the country			1,000
3. Supplies and materials			5,000
4. Books and Journals			2,000

Total Estimated Expenditure Recurring..			35,000 p.a.
Non-recurring			30,500
Total for five years (R + NR)			2,05,500

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Confidential

University Grants Commission

(139)

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Meeting :

Dated : February 7, 1973.

Item No. 26(vi). To consider the proposal of Banaras
Hindu University for establishing
Raja Ram Mohan Roy Chair.

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The Banaras Hindu University accepted a suggestion received from the Secretary, Raja Ram Mohan Roy Birth Bi-Centenary Committee, Calcutta, for the institution of two chairs (one in comparative Religion and the other in Social History) in the memory of Raja Ram Mohan Roy. A copy of the letter sent by the university to the Commission is annexed (Annexure). The University was informed that the proposal for the establishment of the chairs may be considered if the University is able to provide funds for this out of the Fourth Plan allocations approved by the Commission for its development programmes. The University has now informed that after reconsidering the matter the university has decided to create only one chair in Social History in the Department of History on the occasion of the birth bi-centenary of Raja Ram Mohan Roy. The University has also stated that the expenditure towards this will be met from the savings against the provision of Rs. 1,04,000/- already sanctioned by the Commission for staff for the Diploma Course in Journalism for the fourth Plan period. A sum of Rs. 65,000/- only would be needed by the university against this allocation for the period ending 1973-74.

The matter is placed before the Commission for consideration.

E.O. (H-II)/J.S.(I)

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Annexure to Item No.26(vi)

A copy of letter No.R/Dev/IV.FYP/1423 dated May 15, 1972 received from Shri A.S.Raturi, Registrar, Banaras Hindu University, Varanasi-5, addressed to the Secretary, University Grants Commission, New Delhi-11.

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Four proposals have been received from the Secretary, Raja Ram Mohan Roy Birth Bi-Centenary Committee, Calcutta for consideration of the University. One of these relates to the institution of 2 chairs, One of Comparative Religion and the other of Social History to perpetuate the occasion academically.

These proposals were considered by the Academic Council, and the decision relating to the institution of Chairs is extracted below:-

Academic Council Resol. No.99 dated 2/3/1972

"Considered the following proposals from the Secretary, Raja Ram Mohan Roy Birth Bi-centenary Committee, Calcutta regarding the celebration of the Bi-centenary year of Raja Ram Mohan Roy:

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xx

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4. Two Ram Mohan Roy Professorships may be founded by the University to mark this Bi-centenary year, one of Comparative Religion and the other of Social History to perpetuate the occasion academically.

RESOLVED THAT ---

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ii) Proposal 4 be accepted in principle and the matter may be referred to the University Grants Commission for providing funds."

It is requested that the Commission may consider the matter early and communicate its decision.

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'CHUGH'

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No.27: To consider the proposals of the Aligarh
Muslim University:-

- i) For the appointment of Dr. O. Siddiqi,
Tata Institute of Fundamental Research,
Bombay, in the department of Botany, as
a Visiting Professor. *p141-143*
- ii) For providing additional staff for water
supply scheme for the Medical College
and Hostel. *p144-145*

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'CHUGH'

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 27 (i) To consider the proposal of the Aligarh Muslim University for the appointment of Dr. O. Siddiqi, Tata Institute of Fundamental Research, Bombay in the department of Botany, as a Visiting Professor.
.....

The Aligarh Muslim University has sent a proposal of the department of Botany for inviting Prof. O. Siddiqi, Head of the department of Molecular Biology Unit, Tata Institute of Fundamental Research, Bombay as Visiting Professor for a period of two to three years. His first visit will be for a period of two months.

It may be mentioned that the Commission at its meeting held on 4th October, 1972 (Item No. 7) while considering the similar proposal of the Aligarh Muslim University for the appointment of Prof. B.M. Udgonkar of Tata Institute of Fundamental Research, Bombay in the department of Physics, Aligarh Muslim University desired that the following guidelines may be kept in view for considering such proposals.

1. The duration of visit ordinarily should not be less than 2 weeks and should not exceed four months in a year;
2. The travel expenses would be met by the host institution,
3. In case of a person receiving his salary from the "parent institution" for the period of the visit the host institution would provide hospitality including board and lodging and pay an honorarium not exceeding Rs.1,000/- per month.
4. In the case of a person not receiving his salary from the "parent institution" for the period of the visit the "host institution" would pay a salary not exceeding Rs.2,000/- per month.

The Aligarh Muslim University has proposed to appoint Prof. O. Siddiqi on the following terms and conditions as approved by the Commission in the case of Professor B.M. Udgonkar.

- a) If Dr. Siddiqi receives his salary from his parent institution, he will be paid an honorarium not exceeding Rs.1,000/- p.m. with free hospitality including board and lodging.
- b) If he will not receive his salary from his parent institution he will be paid a salary of Rs.2,000/- p.m.
- c) The expenditure on his T.A. & D.A. will be borne by the host institution.

The university has further stated that it has also been agreed that the technician now working with Dr. Siddiqi at the Tata Institute of Fundamental Research will accompany him during his visit to Aligarh

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Muslim University on the condition that the Technician will be paid first class railway fare both ways with free board and lodging during the period of his stay in Aligarh Muslim University with Dr. Siddiqi.

A copy of the letter received from the Aligarh Muslim University is enclosed as Annexure.

The matter is placed before the Commission for consideration.

A.S.(CU)/F.O.

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'CHUGH'

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Annexure to Item No. 27(i)

A copy of letter No. ~~D-327~~/Reg/G dated 24.11.1972 received from Shri P.V. George, Registrar, Aligarh Muslim University, Aligarh addressed to the Secretary, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi-1.

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I am directed to refer to the correspondence resting with Commission's letter No. F.30-22/68(Sc.I) dated 27th October, 1972, conveying acceptance of the terms and conditions of appointment of Professor Udgaonkar in the Department of Physics jointly with the Tata Institute of Fundamental Research, Bombay, and to say that the Department of Botany has also moved a proposal that another Scientist of the Tata Institute, Dr. O. Siddiqi, who is Head of the Department of Molecular Biology Unit be appointed as a Visiting Professor for a period of two to three years and the first visit of Dr. Siddiqi be for a period of two months. His appointment will be on the following terms and conditions as approved in the case of Professor Udgaonkar, (1) if Dr. Siddiqi receives his salary from his parent institution, he will be paid an honorarium not exceeding Rs.1,000/- p.m. with free hospitality including board and lodging, (2) If he will not receive his salary from his parent institution he will be paid a salary of Rs.2,000/- p.m. (3) the expenditure on his T.A. and D.A. will be borne by the host institution.

It has also been agreed by the University that the technician now working with Dr. Siddiqi at the Tata Institute will accompany Dr. Siddiqi during his visit to Aligarh on the condition that the Technician is paid first class railway fare both ways with free board and lodging during the period of his stay in Aligarh along with Dr. Siddiqi. As the Department of Botany is very keen to have the services of Dr. Siddiqi in the manner indicated above, it is requested that the Commission may kindly be moved to approve the proposal so that the University may take further action in the matter.

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'CHUGH'

Confidential:

University Grants Commission.

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Meeting:

Dated: 7th Feb., 1973.

Item No. 83(ii) To consider the proposal of A.M.U. for providing additional staff for water supply scheme for the Medical College Hospital.

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The Commission at its meeting held on 4th February, 1970 (vide item No. 83) accepted the recommendations of a Committee appointed by it to consider the question of providing assistance to A.M.U for external services and campus development of the J.N. Medical College and hospital and agreed to assist the University for provision of external services and development of University Medical College campus at an estimated cost of Rs. 32,43,000/-. A provision of Rs. 1 lakh was also agreed to for the development of the Campus. It was further noted that the actual Completion Cost for the various works would be about 50 lakhs after tenders have been invited.

The University has informed that the water supply distribution in the Medical College is nearing Completion and is expected to be taken over for maintenance and operation soon. It has also informed that additional staff at an estimated expenditure of Rs. 65,185 per annum would be required for the maintenance and operation of the Water Supply Scheme as detailed in the statement attached (Annexure) which cannot be met from the block grant. The Commission's approval has been sought for the appointment of the additional staff at an estimated recurring expenditure of Rs. 65,185/- per annum.

The proposal is placed before the Commission for consideration.

A.S(CU)/F.O.

* PREM *

SCHEDULE OF ESTABLISHMENT - ANNUAL EXPENDITURE MAINTENANCE, WATER SUPPLY FOR
J.N. MEDICAL COLLEGE, ALIGARH MUSLIM UNIVERSITY

Designation, Pay Scale,	No. of Post.	Monthly Basic Pay	D.P. Rs.	D.A. Rs.	I.R. (1st) Rs.	I.R. (2nd) Rs.	H.R.A. Rs.	Other allow-ances	Total Monthly Pay Rs.	Amount Expend-iture	REMARKS
Water Works Supdt. Rs. 350-25- 30-30-590-EB-30-800-EB-30-900	1	350	110	36	30	15	34.50	-	575.50	6906	
Pipe line Inspector Rs. 180-380	1	180	70	28	25	8	18.75	-	329.75	3957	
Mechanic cum-Electrician. Rs. 150- 475-5-250-EB-7-240-8-280	2	150	70	28	25	8	16.50	-	297.50	7140	
Temp Driver Rs. 110-3-131-4-155- E-4-175-5-180	3	110	70	28	25	8	13.50	-	254.50	9162	
Pipe line Fitter. Rs. 110-3-131- E-4-155-EB-4-175-5-180	2	110	70	28	25	8	13.50	-	254.50	6108	
Temp Attendent. Rs. 70-1-80-EB-1-85	2	70	47	24	15	7	8.76	-	171.76	4122.24	
Welder/Helpers. Rs. 70-1-80-EB-1-85	6	70	47	24	15	7	8.76	-	171.76	12366.72	
Typist/Clerk Gr. II. Rs. 110-3-131- E-4-155-EB-4-175-5-180.	1	110	70	28	25	8	15.50	-	254.50	3054	
peon. Rs. 70-1-80-EB-1-85	1	70	47	24	15	7	8.76	-	171.76	2061.12	
Howkidar. Rs. 70-1-80-EB-1-85	3	70	47	24	15	7	8.76	-	171.76	6183.36	
Sweeper & Mali. Rs. 70-1-80 EB-8,	2	70	47	24	15	7	8.76	-	171.76	4122.24	

Rs. 65,182-68

Say Rs. 65,185-00

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 28: To consider the proposals of the Mysore University:-

- i) For further development of the University Postgraduate Centre at Mangalore outside the ceiling of Rs. 30 lakhs. p 147-149
- ii) For the purchase of property "Leela Vihar" for the Institute of Correspondence Courses and Continuing Educational. p 150
- iii) For financial assistance for the Institute of Development Studies. p 151-155

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'CHUGH'

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 28: To consider the proposals of the Mysore University:-

- i) For further development of the University Postgraduate Centre at Mangalore outside the ceiling of Rs. 30 lakhs. p 147-149
- ii) For the purchase of property "Leela Vihar" for the Institute of Correspondence Courses and Continuing Educational. p 150
- iii) For financial assistance for the Institute of Development Studies. p 151-155

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'CHUGH'

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 20 (i): To consider the proposal of the Mysore University for further development of the University Postgraduate Centre at Mangalore outside the ceiling of Rs. 30 lakhs.

The University Grants Commission at its meeting held on 5th July 1972 (Item No. 20) considered the reports of the Committees appointed by the Commission to assess the present stage of development of the university centres for postgraduate studies in the Universities of Osmania, Sri Venkateswara, Karnatak and Mysore and agreed to increase the ceiling of grants available for their development programmes in the Fourth Plan period from Rs. 20 lakhs to Rs. 30 lakhs. The increased ceiling was also to take into account any adhoc grants which the Commission had sanctioned e.g. library books and journals and also the recurring grants for meeting expenditure on staff for the period 1971-74. The decision of the Commission was communicated to the universities concerned. The universities however pointed out that the increased ceiling of Rs. 30 lakhs would be just adequate or in some cases inadequate even to meet the existing commitments since the Commission had decided to include within that increased ceiling the grants already approved as mentioned above. Consequently there would hardly be any scope for any of the postgraduate centres to take up development programmes in the second phase of their development and which had been examined by the Commission with the help of expert committees. The universities therefore requested that the Commission may accept the recommendations made by the expert committees and make available to the postgraduate centres concerned necessary grants on the usual sharing basis instead of restricting the amount to Rs. 30 lakhs so that these centres would be able to take up the second phase of their development during the current plan period.

This request of the universities was again considered by the University Grants Commission at its meeting held on 6th September, 1972 (vide Item No. 53). The Commission decided that the requirements of each of the centre beyond the ceiling of Rs. 30 lakhs may be examined in the light of the recommendations made by the visiting committees and also taking into account the contributions which the respective State Governments may make towards the further development of these postgraduate centres. In view of this decision, the Commission's acceptance of the programme would be taken up initially within Rs. 30 lakhs available to each centre has been communicated and the universities were asked to inform the Commission of the contribution which the State Governments were prepared to meet for the second phase of development of the different university centres.

In the case of the university's Centre for Postgraduate Studies at Mangalore set up by the Mysore University, the amount of Rs. 30 lakhs available is being utilised for the following purpose:-

1. Recurring (Staff)	Rs. 8.34 lakhs
2. Construction of various buildings	Rs. 13.31 lakhs
3. Equipments	Rs. 4.15 lakhs
4. Library Books & Journals	Rs. 4.20 lakhs

Total: Rs. 30.00 lakhs

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The proposals which cannot be accommodated within the above ceiling require an additional expenditure of Rs. 18.34 lakhs, of which the University Grants Commission's share would be Rs. 11.54 lakhs and the State Government/University would have to find a sum of Rs. 6.80 lakhs as their share. The scheme to be taken up over and above Rs. 30 lakhs are indicated in the Annexure. The University of Mysore has informed that the State Government of Mysore has agreed to make available to the University a sum of Rs. 6.80 lakhs required by the University as matching share for taking up the above programmes and has therefore requested the University Grants Commission to make available a sum of Rs. 11.54 lakhs towards implementation of these programmes for the current plan period.

The matter is placed before the Commission for consideration.

E.O. (Sec. I) / Adl. Secy.

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Annexure to Item No. 2(i)

	<u>UGC Share</u>	<u>State Govt. Share</u>
1) Starting of Postgraduate Department of Economics.	Rs. 2,90,000	-
2) Additional facilities to the existing postgraduate departments.	Rs. 2,70,000	-
3) Hostel for 96 students	Rs. 2,50,000	Rs. 2,50,000
4) i) Staff Quarter (Two Houses.	Rs. 42,000	Rs. 42,000
ii) Class III "	-	Rs. 2,00,000
iii) " IV "	-	Rs. 1,25,000
iv) Guest House	Rs. 1,00,000	-
5) <u>Health Centres</u>		
i) Buildings	Rs. 1,00,000	-
ii) Equipments	Rs. 12,000	-
iii) Medicine	-	Rs. 50,000
iv) Staff	Rs. 13,000	Rs. 13,000
6) Bus	Rs. 70,000	-
7) Assistant Registrar	Rs. 7,700	-
Total:	Rs. 11,54,700/-	Rs. 6,80,000/-

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Confidential:

University Grants Commission

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Meeting:

Dated: 7th Feb. 1973

Item No. 28 To consider the proposal of the Mysore
28(ii) (ii) University for the purchase of property
'Leela Vihar' for the Institute of Corres-
pondence Courses and Continuing Education.

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The University of Mysore has sent a proposal for acquiring the property named "Leela Vihar" adjoining the Manasa Gangotri Campus of the university in Mysore City. The property consists of a building a land measuring 9 acres and 5 guntas. This property is the only private property located by the side of the university campus. It has been valued by the university engineer at Rs.4,38,680/-, Rs.3,70,300/-being the value of the building and Rs.68,380/-the value of land.

The Syndicate of the university considered the matter at its meeting held on 2nd December, 1972 and resolved to acquire the property through the State Government. In accordance with the decision of the Syndicate, the Mysore University has requested the Deputy Commissioner, Mysore District to acquire the property for the university. The university proposes to locate the Institute of Correspondence Courses and Continuing Education in this building.

It may be mentioned in this connection that the UGC at its meeting held on 3rd September, 1969 accepted the proposal of the University of Mysore for introducing correspondence courses at the PUC, BA. and Postgraduate levels provided that the Commission's assistance is limited to Rs.5 lakhs for the period ending 1973-74. (Resolution No.46). The Commission has so far paid a grant of Rs.1,30,000/-under the scheme, leaving a balance of Rs.3,70,000/-. The proposal of the university for assistance towards the introduction of correspondence courses for M.A. is under the consideration of the Commission.

The Commission provides assistance to the universities for building for correspondence courses on 50:50 sharing basis.

The Vice-Chancellor of the University of Mysore has indicated the willingness of the university to meet 50% of the expenditure from the resources of the university. He has also indicated that the building will be functionally useful for the Institute of Correspondence Courses and Continuing Education. It may be added that the commission has not in the past generally given assistance to state universities for acquiring or purchasing built up property.

The matter is placed before the Commission for consideration.

E.O(H-I)

Confidential

(151)

University Grants Commission

Meeting:

Dated: 7th February, 1973.

Item No. 31(III): To consider a proposal received from the Mysore University for financial assistance for the Institute of Development Studies.

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The Vice-Chancellor, University of Mysore has forwarded a proposal for financial assistance to Institute of Development Studies, Mysore to further expand and intensify its research and training activities.

The Institute of Development Studies was established by the University of Mysore in 1970 and has so far received Rs.64,000/- from the Government of Mysore for specific research projects. The Commission has not paid any grant so far. The Institute is an inter-disciplinary research and training Centre within the organizational frame of the University of Mysore. It functions as a University Department with its own teaching and research faculty. The Institute conducts short-term courses in Development Planning and in Research Methodology in Social Sciences and also admits students for Ph.D. in Development Planning and Regional Planning. The Institute has recently started as Master Degree Course in Regional Planning. This is a two years course and gives training in town planning, Area Development and Resource Planning. The Institute has so far undertaken 15 research projects with the help of staff members of the University and is mainly financed by the Govt. of Mysore. The Institute is housed in a wing of the Geography block at Mansa Gangotri Campus and has no furniture of its own nor it has the equipment for statistical and Cartographic work. It is sharing these facilities with the department of Geography.

To meet the basic needs of the Institute during the next five years, the requirements of the Institute are given below:-

I. For Training Programme:

(a) Non-Recurring grant.

i) Library grant	Rs. 50,000/-
ii) Building grant	Rs.2,50,000/-
iii) Cartographic & Statistical Laboratories.	Rs. 50,000/-
Total:	<u>Rs.3,50,000/-</u>

(b) Recurring grant:

i) 1 - Professor	
ii) 4 - Readers	
iii) 2 - Lecturers	
iv) 2 - Technical Assistants.	Rs. 91,000/- p.a.

University has requested that during the fourth plan period the non-recurring grant of Rs.3.50 lakhs and recurring grant of Rs.45,000/- p.a (2 Readers, 2 Lecturers and 1 Statistical Assistants) may be sanctioned. The recurring staff may be approved in the fifth plan. A copy of the letter received from Vice-Chancellor Mysore University and detailed proposal are attached as Annexure I and II.

The matter is placed before the Commission for consideration.

Ev(scI)/Add'l Secy

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Annexure I to Item No. 33(iii)

Copy of the letter No.D.O.D3/72-73, dated 11th December, 1972 received from Vice-Chancellor, University of Mysore, addresses to Dr. D.S. Kothari, Chairman, University Grants Commission, New Delhi.

.....

Subject: Proposal for financial assistance to further expand and intensify the research and training activities of the Institute of Development Studies, Manasa Gangotri, Mysore.

Ref: Your letter No.F.29-2/68(Sc.I) dated 21.9.1972 addressed to Dr. R.P. Misra, Director, Institute of Development Studies, Manasa Gangotri, Mysore.

Kindly refer to your letter No.F.29-2/68 (Sc.I) dated 21.9.72 addressed to Dr. R.P. Misra, Director, Institute of Development Studies, Manasa Gangotri, Mysore. I am sending herewith the proposal in duplicate for financial assistance to expand and intensify the research and training activities in the Institute of Development Studies, received from the Director, Institute of Development Studies, Manasa Gangotri, Mysore. The Bulletin of the Institute is also enclosed herewith for reference.

I am to request you kindly to approve the proposal and sanction the necessary grants in this behalf.

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Annexure II to Item No. 33(iii)

INSTITUTE OF DEVELOPMENT STUDIES
UNIVERSITY OF MYSORE

Proposal for financial assistance to the University of Mysore to further expand and intensify the research and training activities of the Institute of Development Studies.

....

The Institute of Development Studies was established by the University of Mysore in 1970. The Government of Mysore gave an initial grant of Rs.64,000/- for this purpose.

The Institute is an inter-disciplinary research and training centre within the organizational frame of the University of Mysore. It functions as a University department with its own teaching and research faculty. Four copies of the 1972-73 bulletin of the Institute giving further details of its activities are enclosed.

A. Current Activities:

1. Teaching:

- a. Master Degree Course in Regional Planning (M.R.P): This is a two year course and prepares students for Town Planning, Area Development and Resource Planning.
- b. Short-term Course in Development Planning: This course is of 5 week duration and admits planning officers and others in service.
- c. Short-term Course in Research Methodology in Social Sciences:
- d. Ph.D.: The Institute admits students for Ph.D. in Development Planning and Regional Planning.

2. Research:

Over fifteen research projects mainly financed by the Govt. of Mysore are in operation. During the last two years five projects have been completed.

3. Publication:

The Institute publishes a series called Development Studies. Five volumes have already been issued. In addition to this, five major publications on various aspects of social and economic development have been issued during the last five years.

B. Future Programmes:

The Institute proposes to start a diploma course in Development Planning and social change. In addition to this, it is planning to develop and initiate an integrated course in environmental planning. All these courses will be inter-disciplinary.

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The Institute is attempting to further intensify its research and publication programme. A journal of Development Planning and a news digest will be started in 1973-74. Efforts are being made to publish the completed research reports.

The areas to which future research is being directed are District Planning, perspective spatial planning, local government and institutions, and co-operation.

C. Existing Facilities:

At present, the Institute is located in a wing of the Geography block at Marasa Gangotri campus. Since the Geography Department is short of space, the Institute has to have its own building soon.

The Institute has no furniture of its own, nor it has the equipment for statistical and cartographic work. It is sharing these facilities with the department of Geography. Library and Statistics involving considerable delay in the processing of data.

The following is the faculty of the Institute as on 31.10.1972:

1. Director - 1
(Professor)
2. Lecturers - 2
3. Research Assistants - 4
4. Stenographer - 1
5. Attender - 1

In addition to these, there are a number of part-time and short-term assistants, investigators, etc., working in various projects.

D. Assistance Requested from the U.G.C.

To meet the basic needs of the Institute during the next five years, following facilities are needed:

<u>I. Faculty (Recurring):</u>	<u>Scale</u>	<u>Annual Expenditure</u>
1. Professor	-1. Rs.1100-1600	Rs. 17,000
2. Readers	-4. 700-1250	48,000
3. (One each in social change, Economics, Public Administration & Town Planning)		
3. Lecturers	-2. 400-950	14,000
(One each in Geography/ Planning & Statistics)		
4. Technical Assistants	-2. 300-600	12,000
(Cartographic and Statistics)		
	Total	<u>Rs. 91,000</u>

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II. Infrastructure (Non-recurring):

1. Building	Rs.2,50,000
2. Cartographic & Statistical laboratories.	50,000
3. Library	50,000
Total:	<u>Rs.3,50,000</u>

Total expenditure during 1973-74 - 1979-80 period will amount to Rs.3,50,000 (non-recurring) and Rs.5,00,000(Recurring).

E. Suggested Procedure for Assistance:

The U.G.C. may consider financing the University to the tune of Rs.3,50,000 for building, laboratories and library of the Institute of Development Studies during 1972-73, so that all these facilities are available to the Institute by the end of 1973 at the latest.

The U.G.C. may consider giving a sum of Rs.45,000 to meet the recurring expenditure during 1973-74 as detailed below:

- 1. Readers -2.
- 2. Lecturers -2.
- 3. Statistical Assistant -1.

With effect from 1974-75 (fifth five year plan), the annual grant may be increased to Rs.91,000.

It is suggested that the 1972-74 grant of Rs.3,50,000 (non-recurring) and Rs.45,000 (recurring) may be given by the U.G.C. to the University of Mysore as part of the fifth five year plan grant. It may later be adjusted in the overall assistance given by the U.G.C. to the University. Since the Chairman of the U.G.C. himself suggested at Mysore that this can be done, it is requested that the U.G.C. consider these proposals favourably.

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Confidential

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UNIVERSITY GRANTS COMMISSION

Meeting:

Dated : 7th February, 1973.

Item No. 22. To consider a request for a grant of Rs. 2,000/- from the Rajasthan University in respect of Shri N.C. Gautam, Lecturer in Geophysics for under going training of Thematic mapping in National Atlas Organisation, Calcutta.

The University of Rajasthan, Jaipur has forwarded an application of Shri N.C. Gautam, Lecturer in Geography, requesting a grant of Rs. 2,000/- for undergoing training of Thematic Mapping in National Atlas Organisation, Calcutta, as detailed below:-

1.	First Class fare Jaipur - Calcutta both ways	Rs. 400/-
2.	Boarding and lodging at Calcutta for two months (Rs. 300/- for each month)	Rs. 600/-
3.	Stationary and Drawing materials	Rs. 400/-
4.	Plunograph Set No.6 for writing	Rs. 300/-
5.	Field work	Rs. 300/-
Total:		<u>Rs. 2,000/-</u>

The course is of two months duration. It is mentioned that the National Atlas Organisation has agreed to admit Shri Gautam if he is sponsored by University Grants Commission.

The Rajasthan University has intimated that it is not possible for the university to share the expenditure.

Shri Gautam has further intimated that the Science of cartography is developing fast and concurrently the syllabus of the subject is being revised and improved. Thematic mapping and mapping has become a significant subject of study at the postgraduate level. The subject being new its training is essential for demonstration in the practical classes.

The Commission at its meeting held on 4th November, 1970 vide item No. 7 has accepted the suggestion of the Ministry of Education for providing financial assistance to universities/colleges for deputing their teachers at the Indian Photo Interpretation Institute, Dehradun. The Commission has assisted Poona University for deputing one of its teacher, for this course at Dehradun. If it is decided to provide assistance for training at National Atlas Organisation, Calcutta other universities would also be informed so that they could recommend suitable candidates.

The matter is placed before the Commission for consideration.

E.O. (Sc.I)/Additional Secretary.

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

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Meeting:

Dated: 7th February, 1973

Item No. 30

To consider a proposal of Bombay University to approve the payment of a conveyance allowance of Rs.100/- p.m. to two Professors from Tata Institute of Fundamental Research working at the Centre of Advanced Study in Mathematics.

The Centre of Advanced Study in Mathematics, University of Bombay, has been working in collaboration with the Tata Institute of Fundamental Research since 1964. The Institute, (TIFR) since, then, has been deputing two Professors to the Centre and has been meeting the expenditure towards the salary and allowances of one of these Professors from its own funds. The salary of the other Professor is paid by the University out of the funds sanctioned by the Commission for the Centre of Advanced Study.

The Registrar, Bombay University, has informed that the Centre's premises has shifted from the University Campus in Fort area to the new campus at Kole Kalyan and as a consequence, it has become very difficult for these two Professors to attend the Centre which is now far away (about 7 miles) from the Tata Institute of Fundamental Research. The University syndicate therefore decided that the two Professors be paid a conveyance allowance of Rs.100/- per month each. (It is not known if other staff of the Centre have been given any such allowance on shifting to the new campus).

The Bombay University has in this regard proposed that a conveyance allowance of Rs.100/- p.m. may be approved to be paid to each of the two professors from the Centre's provision under "recurring" funds - subhead "Travels".

The matter is placed before the Commission for consideration.

Additional Secretary

'CHUGH'

UNIVERSITY GRANTS COMMISSION

Confidential

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Meeting:

Dated : 7th February, 1973.

Item No. 31: To consider proposals received from the Universities of Calicut and Sri Venkateswara for the conduct of a course of collegiate administration for the principals and senior heads of university departments during January 1973 in collaboration with the Ford Foundation.

The Calicut University has proposed to conduct a two-week course for 35 principals of the affiliated colleges in administration of colleges at the Administrative Staff College of India, Hyderabad. The estimated expenditure of Rs. 87,500/- is proposed to be met as:

- (i) Administrative Staff College of India (75%) Rs. 65,625/-;
- (ii) University Grants Commission (16-2/3%) Rs. 14,583; and (iii) the remaining expenditure of Rs. 7,292 will be met by the University of Calicut.

Copies of the letters dated 14th August, 1972 and 23rd September, 1972 received from the Calicut University in this regard are enclosed (Annexure I & II).

2. The Administrative Staff College, Hyderabad, has proposed to conduct a course on collegiate administration for the principals of colleges and senior heads of the departments of Sri Venkateswara University for 14 days during January, 1973. An estimate of Rs. 92,500/- has been proposed for the purpose, which is proposed to be met as under:

1.	Ford Foundation (50%)	Rs 46,250/-
2.	Administrative Staff College of India (25%).	23,125/-
3.	U.G.C. (16-2/3%)	15,417/-
4.	Sri Venkateswara University (8-1/3%)	7,708/-
	Total:	<u>Rs. 92,500</u>

Copies of the letters received from the Vice-Chancellor, Sri Venkateswara University, alongwith enclosures, asking for financial assistance from the U.G.C. are attached (Annexure-III).

A similar course was conducted by Administrative Staff College, Hyderabad, for principals of colleges and heads of department of Osmania University during April, 1971 and the Commission's share was limited to Rs. 42,000/- as against the contribution of Rs. 21,000/- from the Osmania University, and Rs. 51,500/- each from Ford Foundation and the Administrative Staff College, Hyderabad.

Regarding the proposal of the Sri Venkateswara University, the Ministry of Education & Social Welfare had invited the comments of the Commission in view of the following:-

"The amount involved is small and it should not be difficult

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for the U.G.C. to offer assistance instead of approaching the Ford Foundation in the matter. More so, when such a programme is useful for the universities and the Commission could consider taking initiative in organising such programmes in collaboration with the Staff College for other universities also."

The matter was considered in the Commission and the following comments were sent to the Ministry of Education:

"The Commission would not support the proposal of the Staff College for securing assistance from Ford Foundation for this programme. The Commission has already under consideration a programme for training for Registrars and it will be considered if this could be later extended to principals of colleges."

The proposals from the Universities of Calicut and Sri Venkateswara are put up for consideration.

R.O. (SI)/J.S. (II)

Kaphi

Annexure-I to Item No. 311

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Copy of the letter No. GA-A9/25097/72 dated the 14th August, 1972 received from for Registrar, University of Calicut addressed to the Secretary, U.G.C., New Delhi.

Sub:- Course for Principals in Administration of colleges -
Financial assistance - Request for -

.....

I write to inform you that the University is desirous of arranging a course for Principals of the affiliated colleges in Administration of colleges in the Administrative staff college of India at Hyderabad. It is understand that the University Grants Commission has a scheme of assistance for the purpose and has provided financial assistance for a similar course conducted recently for the Principals in Andhra Pradesh, at Administrative Staff College at Hyderabad.

I am, therefore, to request you kindly to let me know the details of the scheme and the financial assistance afforded by the University Grants Commission for the conduct of the course.

.....

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Annexure-II to Item No. 31

Copy of the letter No. GA-49/25097/72 dated the 23rd September, 1972 received from the Registrar, University of Calicut addressed to the Secretary, U.G.C., New Delhi.

Sub: Course for Principals in Administration of colleges -
Financial assistance - Request for -

Ref: This office letter of even No. dated 14.8.1972

In continuation of the letter cited, I write to inform you that the Administrative Staff College of India, Hyderabad has estimated the total expenditure for a two-week course for 35 Principals as Rs.87,500.00. Of this amount, the Staff College itself has offered to find 75% from its own and other sources. Of the remaining 25%, I request that the U.G.C. may kindly offer assistance of 16-2/3% amounting to Rs.14,583.00. We understood that the U.G.C. has been good enough to give grants to Osmania University to cover 16-2/3% of the expenses for similar courses at the Administrative Staff College. I request the favour of the same quantum of assistance for the course planned by this University. The balance will be borne by this University. There are a large number of comparatively young Principals in the colleges affiliated to this University and such a course would be very useful to them.

I request the favour of an early order in this regard.

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Annexure-III to Item No. 917

A copy of letter No.N11 dated 1-12-1972 received from Dr. D. Jaganatha Reddy, Vice-Chancellor, Sri Venkateswara University, Tirupati (Andhra Pradesh) addressed to Dr. Deshpande, Joint Secretary, University Grants Commission, New Delhi-1.

I acknowledge receipt of your D.O. letter No.F.3-77/72(S1) dated 29th November 1972. Please find enclosed copies of my earlier letters dated 5th August, 14th September and 2nd November, 1972 for your ready reference. The processing of correspondence for financial assistance from the Ford Foundation is the responsibility of the Administrative Staff College of India, Hyderabad. The relevant extract given below from the letter of Dr. Besant C. Raj dated June 20, 1972 will make the position very clear.

"We are writing today to the Ford Foundation for the required financial support for this Programme. I shall be grateful if you would kindly initiate discussions with the University Grants Commission regarding their contributions to the proposed programme. The Government of Andhra Pradesh might also be interested in supporting a programme of this kind for your University."

However a copy of the letter also is enclosed, as it furnishes details of break up of the financial involvement, by each body - Ford Foundation, Administrative Staff College of India, University Grants Commission and University. I am happy to say that the Syndicate has already sanctioned its share at its meeting held in August, 1972. Dr. Besant C. Raj has been requested to clarify the position to you directly with a copy to me.

I therefore request you to kindly use your good office and see that the amount is sanctioned at an early date so that the course scheduled for January 1973 can be started without any delay or postponement.

'CHUGH'

P.T.O.

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COPY

D.O. No. VC-R/72.

5th August 1972.

Dear Dr. Kothari,

Here in this University area we have 43 colleges of which 7 are Oriental Colleges and the remaining also include professional colleges - Engineering, Medicine and Education. The Principals of affiliated colleges in the Osmania University area have in three batches being exposed to a course in Collegiate Administration conducted by the Administrative Staff College of India at Hyderabad. I had occasion to associate myself with one of the batches undergoing training and I thought that the course was very fruitful and rewarding. Prof. Besant C. Raj who organises this course has informed me that they will be willing to conduct the course for the Principals of this University area for a period of 14 days in January 1973. Half of the expenditure is met from the Ford Foundation and certain amount by the University Grants Commission and by the University. The University Grants Commission's share comes to RE. 15,417.00.

I shall be grateful if you could kindly use your good offices and see that this amount is sanctioned so that the Principals of this area are benefited in the same scheme. I have already processed the financial commitment on the part of this University through the Syndicate and got their consent. An early reply will be highly appreciated.

With kind regards,

Yours sincerely,

(Sd.) D. Jaganatha Reddy

Dr. D.S. Kothari, M.Sc.; Ph.D.;
Chairman,
University Grants Commission,
Bahadur Shah Zafar Marg,
NEW DELHI-1.

/True copy/

'CHUGH'

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COPY

14-9-1972

Dear Dr. Kothari

This is with reference to my letter dated 5th August 1972 in which I had sought University Grants Commission's financial assistance to the tune of Rs.15,417,00 so as to put the Principals of this University area through a course on Collegiate Administration to be run by the Administrative Staff College of India, Hyderabad. A copy of the letter is enclosed for ready reference. I earnestly request you to use your good offices to see that the amount is sanctioned at an early date so that I can process the scheme with the Administrative Staff College.

I am happy to inform you that the expenditure to be incurred by the University has already been sanctioned by the Syndicate and information is being gathered about the Principals who will undergo the course in January 1973.

With kind regards,

Yours sincerely,

Encls: One

(Sd.) D. Jaganatha Reddy

T.

Dr. D.S. Kothari, M.Sc. Ph.D.,
Chairman,
University Grants Commission,
Bahadur Shah Zafar Marg,
NEW DELHI-1.

'CHUGH'

P.T.O.

(1/ES)

517502
2nd NOVEMBER 1972.

Dear Dr. Kothari,

I am enclosing copies of two Letters dated 5th August and 14th September 1972 for ready reference, in which I had requested for financial support for a course on Collegiate Administration for Principals and Senior Heads of Departments of this University area. The course is planned by the Administrative Staff College of India, Hyderabad for a period of 14 days in January 1973 and a similar programme was put through for the benefit of the Osmania University area teachers some time ago. As mentioned in my previous letters the exposure of Principals of this University area to such a course will be very beneficial. I shall be grateful if you could kindly use your good offices and sanction a sum of Rs.15,417-00 for this purpose. I am happy to inform you that the Syndicate of this University has already sanctioned the sum of Rs.5,708-00 as its share of the expenditure.

With kind regards,

Yours sincerely,

Encls: Two

(Sd.) D. Jaganatha Reddy

To

Dr. D.S. Kothari, M.Sc., Ph.D.,
Chairman, University Grants Commission,
Bahadur Shah Zafar Marg,
NEW DELHI-1.

'CHUGH'

SRI VENKATESWARA UNIVERSITY
TIRUPATI.

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COPY

June 20, 1972

Dr. Besant C. Raj,
Member of the Faculty,
ADMINISTRATIVE STAFF COLLEGE OF INDIA
Bella Vista, P.B.No.4, Hyderabad-4.

Dear Vice-Chancellor:

Sub: Programmes on Collegiate Administration

I write to thank you and Mr. Ramakrishnan, Registrar, for the kindness and hospitality extended to me during my visit to the University on June 16th. On return, x to Hyderabad I discussed the matter further with our Principal, Mr. N.P.Sen and our Director of Studies, Mr. A.N. Sarin. They concur that this programme for the Principals of Sri Venkateswara University be conducted in January, 1973 on the terms discussed by us.

The financial implications of organising a two-week programme for 37 principals of your university will be as follows:

1. Fee towards board, lodge, supply of educational material etc. for 37 principals at Rs.2500/- each.	Rs.92,500
2. Contribution expected from Ford Foundation (50%)	Rs.46,250
3. Contribution from the Administrative Staff College of India (25%)	Rs.23,125
4. Contribution required from the UGC(16 $\frac{2}{3}$ %)	Rs.15,417
5. Contribution from Sri Venkateswara University(8 $\frac{1}{3}$ %)	Rs. 7,708
	<hr/> <u>Rs.92,500</u>

Travel expenses for the programme participants would have to be borne by the colleges/institutions sponsoring the principals.

We are writing today to the Ford Foundation for the required financial support for this programme. I shall be grateful if you would kindly initiate discussions with the University Grants Commission regarding their contributions to the proposed programme. The Government of Andhra Pradesh might also be interested in supporting a programme of this kind for your university.

Thanking you and with very kind regards,

Yours sincerely,

(Sd.) Besant C. Raj
Project Leader
Collegiate Administration

Dr. D. Jaganatha Reddy
Vice-Chancellor
Sri Venkateswara University
Tirupati

'CRUGH'

CONFIDENTIAL

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UNIVERSITY GRANTS COMMISSION

Meeting:

Date: 7th February, 1973

Item No. 32: To consider the following proposals of the Roorkee University:-

- i) For establishment of computer centre training in computer sciences in the light of the comments of the State Government, p/168-171
- ii) For setting up a medical electrical centre in the department of electronics and communication engineering. p/172-184

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'CHUGH'

Confidential

University Grants Commission

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Meeting:

Dated: 7th February, 1973

Item No. 85(i) To consider the proposal of the Roorkee University for establishment of computer centre for training in computer sciences in the light of the comments of the State Government.

The Commission at its meeting held on 5.7.1972 (Item No.85) considered a proposal from the Roorkee University for assistance towards establishment of a Computer Centre for Training in Computer Sciences outside IV plan allocation. A copy of note placed before the Commission is attached (Annexure I).

The Commission accepted the proposal of the Roorkee University and agreed to provide a non-recurring grant of Rs.5.78 lakhs for building, equipment and books and recurring grant for appointment of 1 Professor, 2 Readers, 2 Lecturers, 2 Senior Research Fellows, 20 Junior Fellows and other ~~Technical~~ staff and maintenance grant @ Rs.500/- per student for establishment of the Centre outside the Fourth Plan allocation subject to the condition that the University/State Government takes over the recurring expenditure when the Commission's assistance ceases at the end of five year period.

The decision of the Commission was communicated to the university with the request that it may be confirmed that the State Government will take over the liability of continuing the scheme pertaining to the computer training centre at Roorkee University after the Commission's assistance ceases. No definite assurance has, however, been given either by the university or the State Government.

The U.P. Government has informed that it would be necessary for the Government to obtain the approval of the State Legislature for meeting the expenditure on proposed computer centre after a period of five years. The Government is, therefore, not in a position to give any definite assurance in the matter at this stage. However, the Government will give a sympathetic consideration to the proposal for providing financial assistance to the centre after the assistance of the UGC ceases after five years at the appropriate time. A copy of their letter is attached. (Annexure-II).

The matter is placed before the Commission for consideration.

E.O(T)/D.O(T)

PREM

Copy of the note placed before the commission meeting held on 5.7.1972.
vid. item no. 85.

The commission at its meeting held on 1st March, 1972 considered the report of the Visiting Committee appointed by the Commission to assess the requirements of the Roorkee University for establishment of a Computer Centre for Training in Computer Sciences. The Commission accepted the recommendations of the Visiting Committee and agreed to provide the following grants on 100% basis provided the same could be met within the Fourth Plan allocation of the University.

Non-Recurring:

(A)	(1) Building 5,000 sq. ft. (inclusive of furniture & services)	Rs. 1,50,000/-
	(2) Air conditioning	Rs. 20,000/-
	(3) Flooring, ducting, ceiling etc.	Rs. 8,000/-
(B)	Equipment	Rs. 3,00,000/-
(C)	Library books & Journals	Rs. 1,00,000/-
	Total:Rs.	5,78,000/-

Recurring : p.a.

(D)	(1) Professor 1 Computer Engineer (Professor's scale) 1, Readers-2, Lecturers 2 Plus technical supporting staff.	Rs. 1,20,000/-
	(2) Scholarships : Senior Research Fellowship at Rs. 400/- p.m. Two Junior Fellowship at Rs. 250/- p.m. for 20 P.G. students in Computer Science	Rs. 70,000/-
	(3) Maintenance at Rs. 500/- per student per annum	Rs. 10,000/-

It may be mentioned in this connection that the recommendations of the Visiting Committee appointed by the Commission to examine the IV Plan requirements of Roorkee University in Engineering and Technology an outlay of Rs. 2,30,853/- has been approved for Engineering and Technology for the period 1966-74. This included a spillover of Rs. 1,77,28,853/- being commitments on schemes already approved in earlier plans. Against this, the University has already incurred an expenditure of Rs. 1.90 crores and has committed expenditure to the tune of Rs. 0.50 crores. The University has therefore, informed that the

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outlay approved for the IV plan is fully committed and as such, it may not be feasible for the university to meet the additional expenditure for establishment of a computer Centre for Training in Computer Sciences from the IV Plan allocation. The University has therefore, approached the Commission to provide funds for the scheme outside the IV Plan. The University has also mentioned that the scheme is inter-disciplinary for science as well as technology group and hence funds may be provided by the Commission from the development funds for science/technology. The question of obtaining a major computer for the Roorkee University is separately under consideration in consultation with Electronics Commission.

It is for consideration whether additional funds of Rs.5.78 lakh (N.R) and Rs.2.00 lakh (recurring p.a) may be provided to the Roorkee University outside the Fourth Plan allocation.

The matter is placed before the Commission for consideration.

E.D(T)/Additional Secy.

(प्रतिलिपि)

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Annex. II to Order No. 32(1)

श्री रतन चन्द अरोरा,
उप सचिव ।

अ०शा०पत्रसं० 4676टी/18-ख-94टी/1972
प्राविधिक शिक्षा अनुभाग-2
विधान भवन ।

दिनांक: लखनऊ 22 नवम्बर, 1972

प्रिय महोदय,

कृपया, रुड़की विश्वविद्यालय के इलेक्ट्रानिक्स विभाग में कम्प्यूटर प्रशिक्षण केन्द्र की स्थापना के बारे में श्री एस०के० दास गुप्ता के पत्र सं०एफ-22-1/71(टी), दिनांक 1 अगस्त, 1972 का अवलोकन करें ।

2- इस संबन्ध में मुझसे आपको यह सूचित करने की अपेक्षा की गई है कि जिस व्यय के सम्बन्ध में राज्य विधान मण्डल की स्वीकृति लेना आवश्यक होता है उसके बारे में पहले से शासन द्वारा कोई आश्वासन देना उचित नहीं है । चूंकि प्रश्नगत कम्प्यूटर ट्रेनिंग केन्द्र का व्यय भार प्रदेश सरकार को पांच वर्ष के बाद ही वहन करना है और क्योंकि इस हेतु यथासंभव विधान मण्डल की स्वीकृति भी लेना आवश्यक है, अतः अभी से इस बारे में कोई निश्चित आश्वासन देना सम्भव नहीं होगा । फिर भी पांच वर्ष बाद जब विश्वविद्यालय अनुदान आयोग द्वारा उक्त योजना को शतप्रतिशत सहायता देने की अवधि समाप्त हो जायगी तब विश्वविद्यालय इस राज्य सरकार द्वारा उक्त केन्द्र का आवर्तक व्यय वहन किये जाने पर सहानुभूतिपूर्वक विचार कर लिया जायगा ।

भवदीय,

ह० रतन चन्द अरोरा

श्री आर०के० छावरा,
सचिव,
विश्वविद्यालय अनुदान आयोग,
वहादुरशाह ज़फर मार्ग,
नई दिल्ली ।
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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 22(ii): To consider the proposal of the Roorkee University for setting up a medical electrical centre in the department of electronics and communication engineering.

The Roorkee University has sent a proposal for setting up a Medical Electronics Centre in the Department of Electronics and Communication Engineering. It is proposed to undertake research, development and training programmes in the field of Medical Electronics at the Centre. The university feels that there was a need for utilising the techniques of electronics in Medical Sciences such as intensive care system, automatic data processing for ECG, EEG diagnosis using electronic computers and interpretation of X-rays. There is general feeling among medical research workers that it takes up an unwarrantable proportion of their time if they have to familiarise themselves not only with existing electronic technology developments but also to keep pace with new ones. The university, therefore, feels that a new type of worker is required to bridge the gap between sophisticated electronic engineering technology and the life sciences. In short there is a great need of medical-electronics engineers in the country.

Existing facilities

The Roorkee University has got a separate medical electronics laboratory in the department of electronics and communication engineering. The department would soon be having a 150 feet tower for carrying on research in propagation studies. A number of doctoral and master's theses have been done in medical electronics engineering. The department has also taken up a few research schemes in medical electronics which have been financed by the University Grants Commission, U.P. Govt. and C.S.I.R. A Computer Training Centre has also been established in the department and the university has also got IBM 1620 Computer. About ten research papers have been published or are being published by the research workers in the department in Indian and Foreign journals in the field of medical electronics.

Programme of studies at the proposed Centre:

The university proposes to offer the following two courses at the proposed Centre:

(a) 12 weeks course in Medical Instrumentation

The main aim of this course is to give training in medical electronics instrumentation. The students will be given an idea of various types of biological problems

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net during recording, controlling and monitoring of bio-potentials. Only sponsored candidates from hospitals and medical colleges having a necessary background for the course will be given training and the number of participants will be limited to ten

(b) One year Medical Electronics Engineering Course:

This course will be open to candidates possessing B.E. Degree in Electrical and Electronics Engineering. It is proposed to admit ten students and give them a scholarship of Rs.250/- per month. At the end of the course diploma will be awarded to the successful candidates.

The university proposes to establish the medical electronics centre in collaboration with Meerut Medical College and that the proposal is likely to be taken for implementation in the fifth plan period, if approved. A copy of the proposal received from the university is attached (Annexure)

The university requires a non-recurring grant of Rs.8.39 lakhs for building, air-conditioning of operation theatre, Capital equipments, furniture and recurring grant of Rs.2.10 lakhs per annum for salary of staff, fellowships, books, animals etc.

The matter is placed before the Commission for consideration.

EO(T)/DO(T)

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'CHUGH'

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ANNEXURE TO ITEM No. 2(ii)

PROPOSAL FOR SETTING UP MEDICAL ELECTRONICS CENTRE

I. INTRODUCTION

MEDICAL Electronics may be defined as the application of Electronics & Communication Engineering techniques and thinking to biology and particularly human biology. Various modern techniques of electronics may be used for the better understanding of biological phenomena. One may also hope and expect that this branch of engineering will make a growing contribution towards preventing illness and identifying the causes of several diseases about whose origins are not as yet known. In our country, medical care crisis is attributed to a number of factors, among which is the shortage of trained engineers in this field.

Decent medical care for everyone is nevertheless a realistic goal. Essential to its achievement are the contributions that engineers can make. The problem of doctor-shortage will not be solved for a long time to come, despite the comparatively extensive training facilities available. This has brought up the idea of so called interdisciplinary training, including combined medical and electronics training. The emphasis of electronics has been felt in most of the fields of medical sciences, such as intensive care system, automatic data processing for ECG, EEG diagnosis using electronic computers and interpretation of X-rays. It is expected, in future, that medical work will become increasingly technicalised. The use of medical-electronics will enable doctors to a great extent to devote their time to purely medical work including better care of individual patients. Besides electronic instrumentation in medical sciences, the future of research - projects depends very much on electronic engineering. A more insight of physical behaviour of human body under different environmental conditions could be studied in detail. To gain the maximum benefit from electronic engineering knowledge, conceptual mathematical or even a concrete mechanical or electronic models of biological system could be developed. These models could be used to design an experiment, which can be carried out on the living system; and if the results of the experiment is different from what is expected, then model could be amended so that a suggestion could be given to conduct new experiment. This iterative process can result in an increased understanding of the biological system under investigation.

It need not be emphasised that the engineering institution of Roorkee is the oldest in the country and one of the oldest in the world. Its various departments in Engineering and allied Sciences have well established themselves by having the most qualified staff and by carrying out the research of highest quality in the country. It has long been responsible for supplying engineers to the various institutions and organizations in and outside the country. The University has been a special attraction to the foreign students because of its cosmopolitan

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character right from its inception and has been the almanac of a number of graduates from Asian and African countries. About 50 trainees including about 10 from foreign countries come every year to Water Resources Development Training Centre of the University. Besides, a refresher courses department is the central place where about 100 participants from various institutions and Government and Industrial organizations take several courses in order to keep abreast with the present state of art of the modern technology. A well furnished accommodation, called Asian African Hostel, has been especially constructed to accommodate Foreign and Indian students and their families. The establishment of a Medical Electronics Engineering Training Centre in the University will go a long way in imparting training to participants not only from India, but also from some other countries.

The department of Electronics and Communication Engineering of this University has a well established postgraduate programme. Laboratories in modern fields such as Solid State, Laser, Medical Electronics, Automatic Control and Television etc. have been set up. The department will soon be having 150' tower for carrying out research in propagation studies. A number of Ph.D. and Master's thesis (appendix) have been done in Medical Electronics engineering. A well furnished library on the subject also exists. It is strongly felt that establishment of a medical electronic engineering training centre here is very essential in order to acquaint the desirous persons in the field with the technical know how of this field and to sustain and accelerate the pace of research in this field.

A computer training centre has been established in the department. The university campus has got IBM 1620 computer.

II. AIMS AND OBJECTIVES

THE main aim at present is to undertake research, development and training programme in the field of medical electronics. It is apparent to biological and medical research workers that it would take up an unwarrantable proportion of their time if they are not only to familiar themselves with existing electronics technology developments but also to keep pace with new ones. A new type of work is required to bridge the gap between sophisticated electronic engineering technology and the life sciences. In short there is a great need of medical - electronics engineers.

At present in our country there is no recognised educational highroad to medical electronics, and even the name has not yet been coined. There are very few people who have the knowledge of engineering as well as medical sciences. With the results they have not been able to solve their ordinary problems in their work. There arise no question of having a good quality of research which could be useful to human life.

There can be two distinct varieties of Medical Electronics Engineers:-

- I. Medical - Electronics Engineering
- II. Medical Instrumentation

The first type is the engineer - biologist that is, one who uses his engineering knowledge to make himself a better biological research worker. In other words, he calls engineering into play to help in explaining biological phenomena and also uses it only quite incidently for the elaboration of instrumentation that will help him to investigate those phenomena. He may use his background knowledge to develop mathematical models of biological systems and varify them experimentally. This can result in a increased understanding of the biological system under investigation.

The other type of medical-electronics engineer is intrested more in the design and construction of new instruments and machines for use in biological and medical research and medical treatment. He should have a sufficient knowledge of biological problems/will be well matched to its biological research workers who are his colleagues pose the problems and it is his business to come up with acceptable solutions. Most prople, including biological research workers and medical men, will not simply not pose problems unless they are at least marginally aware of the technology which might be capable of providing a solution. What is needed, therefore, is some one who can say: 'this or that new engineering technique is now available and will be useful to solve this or that biological or medical problem. To do this medical - electronics engineer must keep abreast of engineering developments that seem likely to have some bearing on the life sciences, and he must equip himself with enough knowledge to enable him to survey a chosen segment of the biological or medical field and make himself aware of the problems within it. He should be then in a position to pose his own problems with at least part of the solution already in mind. The next step of this catogary bio-engineer is to concieve the solution in detail to translate the conception into hardware form.

The syllabus for the two types of medical electronics courses are given in Appendix. The courses are so framed so as to cover the complete requirements of both types of medical - electronics engineers.

III. EXISTING FACILITIES

THE department of Electronics & Communication Engineering has fifteen laboratories. There is a separate medical - electronics laboratory where students and research workers do their experiment. There are few research schemes undertaken in this field. The schemes are financed by University Grants Commission, Delhi and UB, CSIR, Lucknow. There are two more research schemes

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which are under process and may be financed by the end of this year. Work on these research schemes have already been started. There are 10 research papers, being published in Indian and foreign journals in the field of medical electronics. The aim at present is to undertake research, development and training programme in this field.

Under the research programme various projects have been under taken, e.g. in Neurophysiology:

1. Environmental effects, such as Hydrostatic pressure, supercool temperature, stretch, Magnetic field, etc. on synaptic junctions, and compare these results with the results predicted by ionic theory developed here.
2. Effect of Microwave radiation and Laser on Frog, nerves and Synapses.
3. Dynamic Analysis of Muscle spindles and their model.
4. Firing of cat motoneurone and Summation of excitatory post-synaptic potential.

In medical electronic instrumentation following projects are undertaken:

1. Development of electrodes and transducers.
2. Bio-amplifiers to record all types of bio-potentials
3. Patients monitoring by electronic means from a central controlled room.
4. Bio-telemetry, Radiopills, use of telemetry in space
5. Cardiac - pacemaker
6. Bio-potentials via telephone lines.
7. Computer Analysis of Biological Data.
8. Prosthetic devices:- Artificial respirators etc.
9. Ultrasonics in medicine.
10. Biomaterials.
11. Bio-control systems.

One staff member has finished Ph.D. in this field and three more are working for Ph.D. degree. Number of M.E. students have worked for their thesis work in this field Medical Electronics is taught to the students at under graduate and Postgraduate level. The students conduct various experiments in this field. List of research papers published so far, title of various M.E. thesis, title of Ph.D. thesis and list of Equipment and components available in Medical electronics laboratory are given in Appendix:

It would be possible to give computer training applied to medical electronics field since the computer training centre has been established in the department.

IV. PROGRAMME OF STUDIES AT BIOMEDICAL ENGINEERING TRAINING CENTRE; IN DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING, UNIVERSITY OF ROORKEE, ROORKEE.

THIS centre will offer following two types of courses:

- a) Twelve week course in Medical Instrumentation.
 - b) One year course in Medical - Electronics Engineering.
- (a) Twelve week course in Medical Instrumentation

THE object of this course is discussed in detail in Section II. The main aim is to give training in Medical - Electronics instrumentation. During the course, students will be given ideas of various types of biological problems met during recording, controlling and monitoring of bio-potentials. He should be in position to make equipments which will be well matched to its biological applications. The idea of prosthetic devices and their manufacturing would be given to them. The various tools of measurements, hospital automation and the development of instrumentation for defence against the environment etc. would be told in detail.

ELIGIBILITY:

Only sponsored candidates from hospitals and colleges having a necessary background for the course, will be given training. The date and time of the commencement of course will be duly notified. The number of participants will be limited to 10. Well furnished accommodation in the newly constructed Asian African Hostel will be provided to all the participants.

(b) One year Medical - Electronics Engineering Course

It is proposed to start a one year diploma course in Medical Electronics which will be open to candidate possessing B.E. Degree in Electrical or Electronics Engineering. After completion of course, the candidates will be awarded diploma by the University of Roorkee. All the ten candidates will be eligible for a scholarship of Rs.250/- per month except the sponsored candidates drawing pay from their respective institutions.

The session will commence every year from the 2nd week of July. The aims of this course has been discussed in detail in Section II. The semester I will be common to Medical - Instrumentation and Medical - Electronics Engineering and semester II for Medical Electronics course.

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SCHEME OF ONE YEAR COURSE FOR MEDICAL-ELECTRONICS ENGINEERING

SEMESTER - 1 (Common to Medical Instrumentation and Medical-Electronics)

	L	T	P	Duration of paper	Marks Exan.	Sessional
EC-701 Medical Electronics	3	2	0	3 hrs.	100	50
EC-702 Medical Electronics Control Engineering	3	2	0	3 hrs.	100	50
EC-703 Applied Physiology & Anatomy	3	2	0	3 hrs.	100	50
EC-704 Medical Electronics Instrumentation-I	3	2	0	3 hrs.	100	50
EC-705 Semiconductor & Microelectronics Devices & their applications	3	2	0	3 hrs.	100	50
EC-706 Medical Electronics Lab.	0	0	6	3 hrs.	50	50
EC-707 Project & Report	0	0	6	-	-	150
EC-708 Viva - Voce						100
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	19	10	12		550	550
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SEMESTER - II

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	<u>L</u>	<u>T</u>	<u>P</u>	<u>Duration</u> <u>of Theory</u> <u>Paper</u>	<u>Marks</u> <u>of</u> <u>Exam.</u>	<u>Sessional</u> <u>Marks</u>		
EC-721 Electro-Statics & molecular basis of Biolo- gical cell membranes.	3	2	-	3 hrs.	100	50		
EC-722 Applied-physiology & Environmental effects on living system.	3	2	-	3 hrs.	100	50		
EC-723 Advanced Problems in Medical Electronics.	3	2	-	3 hrs.	100	50		
EC-724 Computers in Medical Electronics field.	3	2	-	3 hrs.	100	50		
EC-725 Muscular Afferents and motor-control	3	2	-	3hrs.	100	50		
EC-726 Lab.	-	-	6	3 hrs.	50	50		
EC-727 Project Report	-	-	6	-	-	150		
EC-728 Viva Voce	-	-	-	-	-	100		
				15	10	12	550	550

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V. FINANCIAL REQUIREMENTS

NON-RECURRING

A. Building (Floor area) 8,000 sq. ft.	Rs. 2,00,000/-
B. Air conditioning of operation theatre & lab.	Rs. 10,000/-
B. Capital Equipments	Rs. 6,00,000/-
C. Furniture	Rs. 25,000/-
D. Miscellaneous	Rs. 4,000/-
TOTAL:	Rs. 8,39,000/-

RECURRING

E. (1) Salary of staff with allowances.	Rs. 85,200/-
(2) Scholarships	Rs. 70,000/-
(3) Cost of animal house, components and contingencies.	Rs. 40,000/-
(4) Books and Journals	Rs. 10,000/-
F. Travelling expenses for Visiting Professor and for staff to attend conferences etc.	Rs. 5,000/-
TOTAL:	Rs. 2,10,200/-

Total (Non-Recurring &
Recurring) Rs. 10,49,200/-

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Appendix

A. Building (Floor area)

(i) Medical Electronics laboratory, Operation Theatre room, Pressure laboratory, Environmental control room, animal house etc.	4,000 sq. ft.
(ii) Seating for staff and research scholars.	500 sq. ft.
(iii) Class rooms (three)	1,000 sq. ft.
(iv) 40% of above for corridor etc. (Approx.)	2,500 sq. ft.
Total	<hr/> 8,000 sq. ft.

Cost at the rate of 25/- per sq.ft. Rs.2,00,000/-

B. Capital Equipments. Rs.6,00,000/-

E. Staff for teaching & research.

<u>Designation</u>	<u>No.</u>	<u>Scale of pay</u>	<u>Average monthly pay</u>
i. Professor	1	1100-1600	Rs. 1,350/-
ii. Reader	2	700-1250	Rs. 1,950/-
iii. Lecturers	1	400- 950	Rs. 675/-
			<hr/>
Total			Rs. 3,975/-
Say			Rs. 4,000/-
iv. Technical staff	35% of Senior above.		Rs. 1,400/-
v. D.A. and P.F. of Senior staff	25%		Rs. 1,000/-
vi. D.A. and P.F. of Technical staff	50% of their salary		Rs. 700/-
Total			<hr/> Rs.85,200/-

F. Scholarships (for Research)

i. Sr. Research Scholarship		
2 Nos.	Rs.	800 p.m.
ii. Medical Electronics Engineering Diploma candidates	20 Nos.	Rs. 5000 p.m.
Total per year nearly		Rs.70,000/-

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LIST OF EQUIPMENTS IN MEDICAL ELECTRONICS LAB.

1. Encardio-rite 4 channel Recorder.
2. Data Pre-amplifier Model 537.
3. Low level D.C. Pre-amplifier Model 536.
4. Pre-amplifier EEG Model 536
5. Pre-amplifier High-gain Model 532.
6. Statham Physiological Pressure Transducer.
7. Force Displacement Transducer for muscle.
8. Volumetric Transducer for lung pressure.
9. Photo cell transducer for pulse rate.
10. Surface Temperature Probe.
11. Internal Temperature Probe.
12. Cable and other electrodes for EEG
13. Vein Pulse Pick-up model VP-1.
14. Heart Sound Microphone Model HM 61.
15. Artery Pulse Pick-up Model AP-1.
16. Low noise pre-amplifier PA-561 ECL.
17. Operational Bio-potential Amplifier Model Lab.
18. Operational Amplifier EC-709 I/C.
19. Single channel "DISA" Electromyograph (Order placed)
20. Hydraulik pump (Order placed)
21. Electro-Cardiogram Recorder BPL.
22. Stimulator Atlantic Model FIA-S-2.
23. Tektronics Oscilloscope with accessories.
24. Electronic Model of Nerve membrane and Synaptic junctions.
25. Cardiac pace maker.
26. Electronic Patient Monitoring.
27. Bio-telemetry.
28. Experimental set up to observe radiation effects on nerves of Frog.

29. Various stabilized power supplies and oscilloscopes, D.C. Microvoltmeters Dissection Sets and various chemical solutions to prepare Ringers solution, and different type of electrodes.

LIST OF THESIS

1. ELECTRONIC Models of Nerve and Synapses. Ph.D. Thesis - 1971
2. Cardiac - Pacemaker
3. Diagnosis using E.C.G., via computer
4. E.C.G. via telephone lines.
5. Study of Nerve conduction
6. Study of Nerve and synaptic junctions.
7. Effect of Microwave radiation on action potential of nerves.
8. Environmental effects on nerve membrane - (Ph.D. Thesis under preparation)
9. Effect of microwave radiation on nerve conduction and synaptic junctions (Ph.D. thesis under-preparation).

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CONFIDENTIAL

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UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 33 : To consider a proposal of the Guru Nanak University for treating the expenditure incurred towards the purchase of Library Books and Journals prior to the approval of the Fourth Plan-Development Schemes, as approved expenditure.

Under the fourth plan development schemes the University Grants Commission has allocated an amount of Rs.2,25,000/- for the purchase of books and journals in the Humanities and Social Sciences to the Guru Nanak University. The letter of approval was issued on 23rd October, 1972.

The Guru Nanak University has informed that an expenditure of Rs.3,69,550/- has already been incurred upto 30th September, 1972 on the purchase of books and journals in the Humanities and Social Science departments. It has, therefore, requested the Commission to release the grant of Rs.2,25,000/- sanctioned during the fourth plan period for the purpose.

It is for consideration if the expenditure incurred by the Guru Nanak University prior to the date of approval (in anticipation of the Commission's sanction) may be treated as approved expenditure. Alternatively the University can be requested to spend the amount allocated by the Commission during 1972-73 and 1973-74 i.e. after the letter of acceptance issued by the Commission.

The matter is placed before the Commission for consideration.

E.O. (H-1)

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University Grants Commission

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Meeting :

Dated : February 7, 1973.

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Item No. 34 : To consider further the proposal of Osmania University for development of university postgraduate centre at Warangal outside the ceiling of Rs. 30 lakhs.

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The Centre for postgraduate studies at Warangal of Osmania University is one of the university postgraduate centres set up during fourth plan period with the assistance of the Commission. The Commission, in the first instance agreed to provide to each postgraduate centre a sum of Rs. 20 lakhs during the fourth plan period, 1966-1971. The Commission subsequently agreed to provide additional funds for meeting the salaries of the staff for the expanded period of the fourth plan viz. 1971-74. The Commission later appointed an expert committee to scrutinise proposals for further development of the Centre. The report of the Committee was considered by the Commission at its meeting held on 5th April, 1972 and Commission agreed to revise the ceiling on grant from Rs. 20 lakhs to Rs. 30 lakhs (including adhoc grants - non recurring and recurring, already agreed). The University later informed that it will be impossible to accommodate all these items within the revised ceiling of Rs. 30 lakhs. An amount of Rs. 14 lakhs would be required to cover recurring expenditure on staff salaries for 1971-74 and thus, the total amount required would be Rs. 35.50 lakhs. In view of this, the Commission again considered the question of raising the ceiling of Rs. 30 lakhs for the postgraduate centres (Item No. 58, Meeting dated 6th September, 1972) and decided that the question of additional requirements of each of the centre may be examined on merits in the light of the recommendations made by the visiting committee and taking into account the contribution of the respective State Government for further development of the centre. The University has now informed that the State Government has committed to provide an amount of Rs. 7 lakhs for recurring expenditure from 1971-72 and the Government has been requested to raise this grant to Rs. 10 lakhs. An additional grant of Rs. 3 lakhs per annum has been made available by the Regional Committee through the Government of Andhra Pradesh. From 1973-74, this is also likely to be increased to about Rs. 6 lakhs. Thus, the State Government would assist the centre to the extent of about Rs. 16 lakhs per annum. University has further indicated that the recommendations made by the expert committee are quite modest and all the grants as recommended by the committee may be approved by the Commission in addition to Rs. 35.50 lakhs required for the scheme already accepted by the Commission. The financial implications of the recommendations of the Committee are as follows :

(A) Non recurring.

1. Building	Rs. 15.00 lakhs
2. Equipment	Rs. 4.25 lakhs
3. Books & Journals	Rs. 2.55 lakhs
Total	Rs. 21.80 lakhs

P.T.O.

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(B) Recurring :

One Reader in English and one Lecturer each
in other eight departments (upto 1973-74).

Report of the Committee is attached as Annexure I,
and letter from Vice Chancellor, Osrana University as
Annexure II.

The report of the university is placed before the
Commission for consideration.

E.O. (Sc.I) / Addl. Secy.

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Report of the Expert Committee appointed by the U.G.C. to consider the development of the Postgraduate Centre of Osmania University at Warangal.

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The Centre for Postgraduate Studies at Warangal of the Osmania University in one of the university post-graduate centres set up during the Fourth Plan period with assistance from the University Grants Commission. This and other postgraduate centres in a few selected universities were established with a view to expanding facilities for postgraduate studies and research to some selected places in the mofussil areas away from the main university campus and to meeting the increasing demands for higher education and also to reduce the pressures of numbers in the university campus. The University Grants Commission, as a policy, agreed to provide to each such postgraduate centre a sum of Rs.20 lakhs during the Fourth Plan period 1966-71 and subsequently agreed to provide additional funds for meeting the salaries of staff for the expanded period of the Fourth Plan viz., 1971-74. With the development and growth of the postgraduate centres, the Centres have requested the Commission further grants for the growing activities of the postgraduate centres. The Commission therefore decided that expert committees may visit the different centres of postgraduate studies established during the current plan period and assess the present stage of their development, examine the proposals for further developments and to make suitable recommendations to the Commission with regard to financial assistance that may be made available to them upto the end of the Fourth Plan period i.e. 1973-74.

In accordance with the above decision, an Expert Committee, consisting of the following members was appointed to visit the Osmania University Postgraduate centre at Warangal. The committee visited Warangal and Hyderabad on 18th and 19th February, 1972.

1. Professor T.S. Sadasivan,
Head of the Department
of Botany,
Madras University,
Madras.
2. Professor R.C. Paul,
Head of the Department,
of Chemistry,
Panjab University,
Chandigarh.
3. Professor B.S. Sood,
Head of the Department
of Physics,
Punjabi University,
Patiala.

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4. Professor N.R. Deshpande,
Head of the Department
of Political Science,
Nagpur University,
Nagpur.
5. Professor G.N. Sharma,
Head of the Department
of Political Science,
Marathwada University,
Aurangabad.
6. Dr. D. Shankar Narayan,
Additional Secretary,
University Grants Commission.

The Committee had discussions with the faculty of the post-graduate centre and later held discussions with the Vice-Chancellor and other university authorities at Hyderabad.

The Postgraduate Centre of Osmania University at Warangal was established in 1967-68 with the assistance of Rs.20 lakh made available by the University Grants Commission and about Rs.25 lakh made available by the Andhra Pradesh Government. The Centre provides instruction in five science subjects viz., Physics, Chemistry Botany, Zoology and Mathematics and also in English, Telugu, Commerce and Public Administration. These nine departments have been housed and facilities for teaching developed in five semi-permanent or temporary constructions. The Centre has also constructed a man's hostel and 14 staff quarters. Although initially arrangements had been made for instructional purposes in the local colleges, all postgraduate instruction has been brought on to the campus of the postgraduate centre since January 1971. The intake into each of the Science Departments is 20 whereas in the case of Commerce and Mathematics, 40 students are admitted to the post-graduate courses. The Departments of English and Telugu have also started M. Litt. courses. The Post-graduate centre has acquired necessary scientific equipment for its various departments worth about Rs.8 lakh of which Rs.6.5 lakh were available from the University Grants Commission and Rs.1.5 lakh from the University's funds. The Centre has also acquired books worth about Rs.4.5 lakh so far. The purposes for which the total amount available for the postgraduate centre have been utilised are indicated in Annexure I.

On the basis of the examination of the present stage of development of the different departments, the equipment and library facilities, workshop facilities and also facilities for residential units for students and staff, the Committee would like to mention at the outset that the Warangal Postgraduate Centre has well utilised the grants available to it so far

and has developed facilities for postgraduate instruction and related research on desirable lines. The Committee feels that the efforts of the Centre in developing these departments have been worthwhile. With the successful implementation of the original proposals for which funds were made available, the Centre has now made proposals for consolidation and strengthening of the existing departments and also to initiate postgraduate instruction in a few more subjects particularly in Humanities Faculty.

The first Expert Committee to the Postgraduate Centre which visited Warangal in 1968 recommended in the first priority a total sum of Rs. 25.29 lakhs as U.G.C.'s share for meeting expenditure on staff, equipment, books and journals, furniture, library building and men's hostels. It also recommended in second priority construction of necessary buildings for the various science departments at a cost of Rs. 12 lakhs. However, since the University had already put up temporary structures, it was suggested that assistance for construction of permanent buildings may be made available at a future date when funds are available. Against these recommendations the University Grants Commission however could make available only a sum of Rs. 20 lakhs to this Centre in pursuance of the policy followed in respect of all postgraduate centres established during the Fourth Plan period.

The present Committee has examined the development proposals of the Centre in relation to (a) the departments for consolidation and strengthening of the existing department including provision for construction of permanent buildings and (b) opening of new postgraduate departments in the remaining period of the Fourth Plan. As already indicated above, the Committee fully recognises the efforts made by this Centre in establishing the nine teaching departments and to develop the optimum facilities required for postgraduate instruction in each of the subjects.

The Committee wish to point out in this connection that the Centre has not been able to break any fresh ground or any meaningful inter-departmental interaction and to introduce areas of specialisation etc, different from those available on the main campus at Hyderabad. The obvious reasons are that the departments at the Warangal Centre have been mainly directed and developed by the heads of the concerned departments at Osmania University most of the staff members recruited against the posts made available in the postgraduate Centre have also been drawn from the parent departments at Osmania University. In view of the situation, the departments of the postgraduate centre have not had necessary autonomy in shaping the growth of the departments nor in designing the courses of study etc. It has also added some instability of the staff as several of the senior staff members posted at Warangal have since returned to the main campus because of vacancies in the present departments. The Committee would like to stress here that while the guidance available from the main campus department would be helpful in the growth of the departments of the postgraduate centre excessive involvement of the parent of departments in determining the courses

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of study, acquisition of equipment and books, recruitment of staff, development of research activities etc., is not desirable. The departments in the Postgraduate Centre should not become unimaginative duplicates of the parent departments. In such a situation any efforts on the part of the staff of the Postgraduate Centre to introduce modernisation of courses of study, examination reforms, development of inter-disciplinary areas would be nullified. The Committee brought this important aspect to the attention of the Vice-Chancellor and requested him to ensure considerable freedom in planning and growth of the departments of the Postgraduate Centre with the initiative of the staff recruited for these departments. The appointments should generally be made on an open basis in relation to the academic programmes of the Centre. Deputation arrangements may be avoided to the extent possible.

In the view of this Committee, consolidation of the departments already started and providing them with permanent buildings should receive high priority in the second phase of the development of this Centre. The proposals made by the Centre are in conformity with this approach. The only new departments proposed to be started are in the field of Economics and Indology. The proposals made by the Centre require an expenditure of about Rs.21 lakhs for construction of buildings for the science departments, central library and a teacher's hostel. The additional equipment requirements for the existing departments are estimated at Rs.16 lakhs. A sum of Rs.5.35 lakhs has been requested for purchase of books and back volumes of journals. The additional recurring expenditure on staff would be of the order of about Rs.1.00 lakh per annum. Thus the proposals made together require a total of Rs.45 lakhs. On an examination of those proposals the Committee would like to recommend the following grants:-

(a) Buildings

The Centre may be provided assistance for construction of permanent buildings for (i) physics & Mathematics, (ii) Chemistry, and (iii) Biological Science Block. The cost of these buildings would be approximately Rs.4 lakhs each. Assistance may also be provided on usual sharing basis for construction of a library building at an estimated cost of Rs.4.5 lakhs including all services, fittings and furniture etc.

b.

Additional equipment grants recommended are Rs.1.00 lakh each for Physics & Chemistry and Rs.1.5 lakhs together for the biological sciences department and Rs.50,000/- for the central workshop facilities. A sum of Rs.25,000/- may be given for the equipment required for the Humanities departments and the mathematics department for purchase of calculators etc.

(c) Books & Journals:

The Committee would like to recommend a sum of Rs.25,000/- for each of the five science departments and Rs.20,000/- for each of the four Humanities departments. A sum of Rs.50,000/- may be made available for the Centre to obtain back volumes of some of the essential journals required for its teaching and research programmes.

(d) Staff:

The staff requirements of most of the departments are for introduction of new specializations or for starting M.Litt. courses in more departments at this stage (except in the case of English and Telugu Departments where such courses have already been started). The Department of English proposes to introduce a special paper relating to structure of English language and the Committee recommends the post of Reader may be created in this department for this purpose. In the case of the other eight departments, the Committee would like to recommend strengthening of the staff by addition on one Lecturer only in each of the departments at this stage.

With a view to promoting research activities in the departments, the Committee would like to recommend provision of Rs.50,000/- as a special grant for support of research activities and also allocation of five junior fellowships to this Centre each year. These allocations may be made in accordance with the usual procedure of the University Grants Commission in providing fellowships to the different universities and centres and placing lumpsum grant for support of research in the universities. for starting

As regards now proposals/Departments of Economics and Indology, the Committee feels that the question of Economics Department can be taken up as part of fifth plan proposals. There would appear to be no need to start a department of Indology at this Centre in the present stage of its development of the Arts Faculty.

While these above grants would meet the immediate requirements of the growth of the postgraduate centre at Warangal, the Committee would like to suggest to the Postgraduate Centre as well as the Omania University that the Centre may prepare for the Fifth Plan period suitable development plans indicating the new lines of development of each of the department to encourage inter-departmental instruction and promotion of inter-disciplinary studies. Such a development plan could be considered during the Fifth plan period by the University Grants Commission.

1973

Summary of financial recommendations:

Non-recurring:

UGC share

Rs.

I. Buildings for Science Departments

a. Physics & Mathematics	4.0 l akhs
b. Chemistry	4.0 "
c. Biological Sciences	4.0 "
d. Library Building. Rs.4.5 lakh	3.0 "
	<hr/>
	15.0 "
	<hr/>

II. Equipment:

a. Physics	1.01 akhs
b. Chemistry	1.0 "
c. Biological Sciences	1.5 "
d. Central Workshop	0.5 "
e. Mathematics & Languages	0.25 "
	<hr/>
	4.25 "
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III. Books and Journals:

a. Rs.25,000/- each for Physics, Chemistry, Mathematics, Botany, and Zoology.	1.25 l akhs
b. Rs.20,000/- each for English, Telugu, Political Science, Commerce	0.80 "
c. Back volumes of Journals.	0.50 "
	<hr/>
	2.55 "
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Total N.R.

Rs.21.80 lakh

Recurring:

1. One Reader in English and one Lecturer each in other eight departments (upto 1973-74).

OSMANIA UNIVERSITY POSTGRADUATE CENTRE, WARANGAL.

Sl. No.	Purpose	Amount provided by State Govt.	Amount provided by UGC	Remarks
<u>Non-Recurring</u>				
1.	Land Acquisition	8,00,000	-	
2.	Hostel Buildings	3,00,000	3,65,000 *	
3.	Temporary structures	6,90,000	-	
4.	Electrical Installations	95,000	-	
5.	Furniture etc.	73,000	21,000	
6.	Utensils, crockery etc.	27,000	-	
7.	Equipment for Science departments	-	6,50,000	
8.	Library Books	-	3,00,000 + 3,00,000+ 1,50,000 **	
	Total N.R.	<u>19,82,000</u>	<u>14,86,000</u>	
<u>Recurring</u>				
9.	Administrative & Hostel staff	5,18,000	-	
10.	Teaching staff (upto 1970-71)	-	<u>8,29,000</u>	
	Total N.R. & R	<u>25,00,000</u>	<u>23,15,000</u>	

* This includes Rs. 1.65 lakhs out of Golden Jubilee grant given to Osmania University. Total assistance to be provided for the hostel will be determined on the basis of 50% of the actual expenditure.

** Ad-hoc grant provided in addition to the allocation of Rs. 20.00 lakhs.

Copy of the letter No. VCP-12 dated 8th January, 1973 from Shri N. Narotham Reddy, Vice Chancellor, Osmania University, Hyderabad-7, addressed to Dr. D. Shankar Narayan, Additional Secretary, University Grants Commission, New Delhi.

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Subject :- Post-graduate Centre, Warnagal, Osmania University
- Requisition for financial assistance for the
second phase development of the Centre - Regarding.

Ref : D.O. letter No. F. 30-5/72 (Sc.I) dated 18.10.1972 from Shri A.G. Deshmukh, Education Officer, University Grants Commission, New Delhi, addressed to the Registrar, Osmania University.

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Your kind attention is invited to the reference cited on the subject mentioned above.

Regarding the assistance of the State Government for the second phase, it is informed that the State Government has committed to provide an amount of Rs. 7.00 lakhs towards recurring expenditure for the Centre for 1971-72. The State Government has also been addressed to raise this grant to Rs. 10.00 lakhs.

And yet another source of grant-in-aid is Rs. 3,18,750/- per annum made available by the Regional Committee through the Government of Andhra Pradesh. This grant can also be deemed to be the assistance made available by the State Government. From 1973-74 this grant is likely to be doubled which may be of the order of about Rs. 6.00 lakhs. Thus, in all the State Government assists the Centre to the extent of about Rs. 16.00 lakhs per annum (Rs. 10.00 lakhs plus Rs. 6.00 lakhs).

Having furnished the assistance of State Government for the second phase, may I invite your kind attention to the report of the Second Visiting Committee and its recommendations.

The recommendations made by the Committee are quite modest. The Science Departments of the Centre, as per the recommendations, may have reasonable permanent accommodation. Similarly, the recommendations pertaining to equipment and book grants are not very high, viewed from the facilities to be provided to the Post-Graduate students and Research scholars.

The additional posts under Recurring Grant recommended by the Visiting Committee is fully justified in view of increase in intake during every subsequent year, consequent upon heavy rush for admission.

It may also be recalled that the first visiting committee contemplated that the Centre in the near future should blossom into a full-fledged University. Unless the University Grants Commission, and the State Government come forward to assist the Centre generously, the cherished goal may not be accomplished.

In view of the above and in the light of this office letter No. VCP-266 dated 17.8.1972, I am to request you to kindly communicate an early approval not only for the additional grant of Rs. 5.50 lakhs to make good the deficit of the Recurring expenditure but also for the recommendations of the Visiting Committee in toto.

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Before concluding, it may be assured that the University would endeavour to break fresh grounds by introducing specialised subjects other than those not available on the Campus. Also in the selection of the Special Course priority will be given to the Job-oriented ones.

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Confidential

(197)

University Grants Commission

Meeting :
Dated : February 7, 1973.

Item No. 3 : To consider further the proposal received from the Saugar University for additional funds on cent per cent basis for Scientific equipment for the various Science departments.

The proposal received from the Saugar University for an additional grant of Rs. 4.15 lakhs for the purchase of equipment for Science departments to be met from within the University's revised Fourth Plan allocation of Rs. 60 lakhs on cent per cent basis as detailed below was considered by the Commission at its meeting held on 6.12.1972 (Resolution No. 26) and the Commission desired that this may be examined further and brought up before it :-

Sl. No.	Department	Amount required	Adjustment suggested by the University
		Rs.	Rs.
1.	Physics	1,00,000/-	I Rs. 3,25,000/- from
2.	Chemistry	1,00,000/-	I IV Boys Hostel.
3.	Botany	70,000/-	I Rs. 90,000/- from
4.	Zoology	70,000/-	I construction of staff
5.	Criminology Forensic Science	50,000/-	I quarters
6.	Anthropology	25,000/-	I
	Total	4,15,000/-	4,15,000/-

The Commission considered a similar request from Allahabad University at its meeting held in November, 1972 and decided that the sharing basis in respect of all grants to be paid by the Commission should be on the approved sharing basis as laid down in Commission's 4th Plan 'Pattern of assistance to universities' and in case the grants to a particular university have been approved on a different pattern, this may be placed before the Commission. In the case of the Saugar University, it may be mentioned that the Visiting Committee had taken full cognizance of the sharing basis as laid down in the Fourth Plan 'Pattern of assistance to to universities' and has specifically recommended assistance on 100% basis for equipment to the University. Since the requirements were mainly for Post-graduate teaching and research purposes. The earlier grants of Rs. 6.96 lakhs have been paid on 100% basis as recommended by the Visiting Committee.

The matter is placed before the Commission for consideration.

R. G. (Sc. I) / 4541. Secy.

Confidential
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University Grants Commission
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Meeting:
Dated: 7th February, 1973

Item No. 36 : To consider the revised Fourth Plan Proposals sent by the Allahabad University for the period 1966-67 to 1973-74.

The University Grants Commission at its meeting held on the 1st November, 1972 (Item No. 42) considered the schemes sent by the Allahabad University for adjustment within the allocation for the period 1966-67 to 1973-74. A copy of the note placed before the Commission is attached (Annexure). The Commission was of the view that assistance to the Allahabad University for different schemes under the Fourth Plan may be made available according to the approved sharing basis. In this connection, the Commission desired that if for any Universities these have been deviations from the "approved pattern", these may be placed before the Commission.

The Allahabad University has since sent revised proposals amounting to Rs. 84.15 lakhs against the allocation of Rs. 89 lakhs as detailed below:-

(1) Schemes continuing from the earlier plans	Rs. 19,34,181
(2) New Schemes (Teaching Departments)	Rs. 45,48,929
(3) New Schemes (General)	Rs. 19,31,533
Total:	Rs. 84,14,643

The revised proposals of the University have been examined and it is observed that the amounts (UGC Share) provided for the following schemes are not according to the UGC pattern of assistance.

Scheme	Total cost Rs.	Amount provided by the University Rs.	Amount admissible according to UGC pattern of assistance Rs.
1. Geography Deptts.			
i) Equipment	20,000	20,000	13,334
2. Physics Deptt.			
i) Equipment	1,40,000	1,40,000	93,334
3. Applied Physics Departments.			
i) Equipment	20,000	20,000	13,334
4. Botany Deptt.			
i) Equipment	60,000	60,000	40,000
ii) Building	60,000	60,000	40,000
iii) Jeep	28,000	28,000	18,666
5. Zoology Deptt.			
i) Equipment	90,000	90,000	60,000

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ii) Building (Essential services & Fish tank)	65,000	65,000	43,334
6) Bio-Chemistry Department.			
i) Equipment	12,000	12,000	8,000
ii) Building	45,000	45,000	30,000
7) Chemistry Deptt.			
i) Equipment	1,00,000	1,00,000	66,666
8. General Schemes:			
i) Const. of International House	90,000	60,000	45,000
ii) Const. of Dining Halls	60,000	60,000	30,000
iii) Const. of Boundry Wall & Roads	1,80,000	1,20,000	90,000
iv) Const. of Cycle Sheds	30,000	20,000	15,000
v) Sanitization & Const. of Urinals for students	45,000	30,000	22,500
Total:Rs.	10,45,000	9,10,000	6,29,168

It may be stated that while calculating the sharing basis for equipments, the basic grants for which UGC is committed to give assistance on 100% basis have been excluded.

The matter is placed before the Commission for consideration.

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Annexure to Item No.36

Copy of the note placed before the commission's meeting held on 1st November, 1972 vide item No. 42.

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The University Grants Commission on the basis of the recommendations of the Visiting Committee had allocated grants amounting to Rs.89 lakhs to Allahabad University for the above period. The proposals sent by the University for adjustment within this amount were examined in the Commission's office and it was observed that the UGC assistance for approved programmes had in some cases been worked out on the basis which were not according to the pattern of assistance laid down by the Commission. The total cost of the schemes as sent by the University re-worked according to the correct sharing basis which amounted to Rs.86.00 lakhs. It was decided that the allocation of Rs.89.00 lakhs already intimated to the University may not be reduced and the university was requested to send revised proposals within this amount on the correct sharing basis. The revised proposals have not been received from the University so far. In the meantime, on a general question, it was felt that the universities which have facilities for both postgraduate and undergraduate courses may be provided assistance for equipment, academic building, etc., on 100% basis (instead of sharing basis as provided in the pattern of assistance) if the UGC share can be accommodated in the plan allocation each case to be examined on merit - the reason for this being that it may be rather difficult to differentiate whether the facilities provided are for purely postgraduate courses or for both undergraduate and postgraduate course. This would be in conformity with the decision with regard to assistance for teaching staff (Professors & Readers) on 100% basis for universities having facilities for postgraduate and undergraduate courses, if the amount could be accommodated in the IV plan allocation. The 4th Plan proposals of the Allahabad University have been reviewed and it is observed that if assistance is provided for equipment and academic buildings on 100% basis, the total cost of the proposals would exceed the allocation by about Rs.7-8 lakhs. It may not be possible for the Commission to increase the allocation to the University at this stage. The only course available seems to be to accept the proposals of the University on the sharing basis indicated in the report of the Visiting Committee. The total cost of the schemes as worked out by the University is well within the ceiling of Rs.89 lakhs.

The matter is placed before the Commission for consideration.

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 37: To consider the following proposals from colleges for financial assistance in relaxation of the condition of minimum enrolment:-

- i) Proposal of GNA (Postgraduate) College, Bhatapara (Ravi Shankar University) towards the construction of a Teachers' Hostel and Principal's residence. *p202*
- ii) Proposal of Bhartiya Municipal Girls College, Chandausi (Meerabad) U.P., towards the construction of additional teaching accommodation. *p203*

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Confidential

University Grants Commission

(202)

Meeting :

Dated : February 7, 1973

Item No. 97(i): To consider the proposal of G.N.A. Postgraduate College, Bhatapara for assistance towards the construction of teachers' hostel and Principal's residence in relaxation of condition regarding minimum student enrolment.

The Ravi Shankar University has recommended the following proposals of G.N.A. Postgraduate College, Bhatapara at an estimated cost as indicated below :

	<u>Estimated cost</u>	<u>Commission's share</u> Rs.
i) Construction of a teachers' hostel comprising 8 flats	Rs. 2,13,496	1,42,390 @ 66 -2/3%
ii) Construction of a Principal's residence	Rs. 67,272	33,636 @ 50%
	Rs. 2,80,712	1,76,026

The College established in 1964 is permanently affiliated to the Ravi Shankar University with an enrolment of 241 students. Since it is located in the under-developed area of Raipur Distt. and meets educational needs of the rural area, the Ravi Shankar University has recommended relaxation of the condition of minimum enrolment of 400 students.

The University has also certified that i) there is real need and justification for the project proposed to be undertaken; (ii) the assistance sought by the College is not for fulfilling any condition of affiliation and (iii) the College has managerial ability to execute and complete the projects for which assistance has been sought from the Commission.

The matter is placed before the Commission for consideration.

A.S. (G.II)/D.O. (C)

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 37(ii): To consider a proposal of Bharatiya Municipal Girls' College, Chandausi (Agra University) for construction of additional teaching accommodation in relaxation of the condition of minimum enrolment.

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The Agra University has forwarded a proposal from Bharatiya Municipal Girls' College, Chandausi (established 1964) for the construction of additional class rooms at an estimated cost of Rs. 2,65,617/-.

The college is permanently affiliated to Agra University with courses upto the Degree level. Present enrolment is only 185. The corresponding figures for 1969-70 and 1971-72 were 143 and 155. The Vice-Chancellor has recommended relaxation of the eligibility condition regarding minimum enrolment "as Chandausi is situated in a backward area and there is no other girls' Degree College within the area of 44 kilometres". The only other college in Chandausi (established 1946) has an enrolment of 1130 of which 105 are women (37 in B.A./B.Sc. courses and 68 in M.A./M.Sc. courses). The University has certified the need and justification for the college's proposal and has also stated that the assistance sought by the college is not for fulfilling any of the conditions of affiliation.

The normal eligibility condition of colleges for the Commission's grants is three years existence and a minimum enrolment of 400. In the case of U.P. colleges which have a two-year degree course, the minimum enrolment prescribed by the Commission is 270. In the case of colleges which meet educational needs of a backward area, it has, however, been the practice of the Commission not to insist on strict adherence to the conditions relating to the minimum enrolment and the length of time for which the college should have been functioning. In such cases the Commission has been accepting proposals when specially recommended by the Vice-Chancellor. The present proposal comes under this category.

The college at present has only three class rooms with an area of 2,250 sq.ft. and proposes to construct six class rooms with a total area of 8,692 sq.ft. It has been stated by the college that the number of subjects have been increased and more class rooms are needed to avoid inconvenience to the students.

The estimated cost of the proposal according to UGC's norms comes to only Rs. 2,55,696/- as against the estimated cost of Rs. 2,65,617/- indicated by the college. If the proposal of the college for additional teaching accommodation is accepted, the Commission's assistance will be limited to Rs. 1,70,464/- or 66-2/3rd of the admissible cost whichever is less. The college has not so far been sanctioned any assistance under the Rs. 3 lakhs scheme.

The matter is placed before the Commission for consideration.

E.O.(C-III)/D.O.(C)

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No.38: To consider the following proposals from colleges for financial assistance from the Commission beyond the ceiling of Rs.3 lakhs.

- i) Proposal of St. Aloysius College, Mangalore (Mysore University) towards the construction of a new Zoology Block. p205
- ii) Proposal of D.N.R. College, Bhimavaram towards the construction of additional teaching accommodation. p206
- iii) Proposal of St. Joseph's College for Women, Vishakhapatnam towards the purchase of furniture and laboratory equipment. p207-208
- iv) Proposal of Shree Warang Mahavidyalaya, Warananagar (Shivaji University) for the construction of a Women's Hostel. p209
- v) Meerut College, Meerut (Meerut University) towards construction of additional teaching accommodation. p210
- vi) S.K. Jain College, Khatauli (Meerut University) towards construction of Library Building. p211-212

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Confidential:

University Grants Commission

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Meeting:

Dated: 7th February, 1973

Item No. 2(i) : To consider the proposal of St. Aloysius College, Mangalore (Mysore University) towards the construction of a new Zoology Block beyond the ceiling of Rs. 3 lakhs.

The Mysore University has recommended the proposal of St. Aloysius College, Mangalore for the construction of a new Zoology Block, Lab. fittings and purchase of furniture at an estimated cost of Rs. 3,33,000/-.

The University has stated that this old institution, established in 1880, is one of the very good colleges under the University. The Vice-Chancellor has recommended that assistance may be given to the College beyond the ceiling of Rs. 3 lakhs, as a special case.

The College has already availed of a grant of Rs. 1,36,000/- for the construction of a teachers' hostel and a sum of Rs. 1,64,000/- is available to the College under the ceiling of Rs. 3 lakhs during the 4th Plan period. The College has a 1,556 students on its rolls and is permanently affiliated to the Mysore University. Since present facilities available for the Deptt. of Botany and Zoology are inadequate, the College proposes to provide a total floor area of 12,037 sq.ft. which would include teaching and lab. facilities (including one museum and one animal house) for the students. The enrolment in Botany, Zoology and Chemistry Groups is 500 in P.U.C and 90 in B.Sc. courses. If the proposal is accepted at an estimated cost of Rs. 3,20,211 as per UGC norms, the Commission share on the usual sharing basis of 1/3rd : 2/3rd will be Rs. 2,13,474/-.

The matter is placed before the Commission for consideration.

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University Grants Commission

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Meeting :
Dated : February 7, 1973

Item No. 53(ii) To consider a proposal of D.N.R. College Bhinavaran (Andhra University) for financial assistance from the Commission beyond the ceiling of Rupees three lakhs for the construction of additional teaching accommodation.

The Andhra University has forwarded with its recommendation a proposal of D.N.R. College, Bhinavaran for financial assistance from the Commission towards construction of four class rooms with a total floor area of 4,292 sq. ft. at an estimated cost of Rs. 1,26,600/- beyond the ceiling of Rs. three lakhs. Established in 1945, the college has an enrolment of 3197 in degree classes, of whom 1711 are in B.Sc. (Chemistry - 544).

During the Fourth Five Year Plan period the Commission has so far committed Rs. 3,23,300/- in respect of schemes undertaken by the college as indicated below :-

i. Spill-over to Fourth Five Year Plan.	Rs. 33,750/-
ii. Library building	Rs. 1,16,250/-
iii. Chemistry Laboratory	Rs. 1,73,300/-
Total	Rs. 3,23,300/-

Thus, a sum of Rs. 23,300/- has already been sanctioned as Commission's share beyond the ceiling of Rs. three lakhs.

The present proposal of the college is to receive admissible assistance from Rs. 1,00,000/- which is sanctioned to a college over and above the Rs. three lakhs on the basis of a special recommendation of the Vice Chancellor as decided by the Commission at its meeting held on 2nd September, 1970.

If the proposal of D.N.R. College, Bhinavaran for additional teaching accommodation is accepted, the share of the Commission would be limited to Rs. 76,700/-, the balance available to the college. The admissible estimated cost according to the U.G.C.'s norms will be, however, Rs. 1,24,091/-.

The matter is placed before the Commission for its consideration.

E. O. (C-III) / D.C(C).

UNIVERSITY GRANTS COMMISSION

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Meeting:

Dated : 7th February, 73

- Item No. 3 (iii) To consider the proposal of St. Joseph's college for Women, Visakhapatnam (Andhra University) for purchase of laboratory equipment and furniture beyond the ceiling of Rs. 3 lakhs.

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The Vice-Chancellor, the Andhra University, has forwarded a proposal from St. Joseph's College for Women, Visakhapatnam for purchase of laboratory equipment and furniture at an estimated cost of Rs. 2,09,900/- as detailed below and recommended grant beyond the ceiling of Rupees three lakh as a special case.

	Estimated cost Rs.	UGC's share Rs.
i. Purchase of laboratory equipment.	1,42,285/-	1,06,713/- (@ 75%)
ii. Purchase of laboratory furniture	67,615/-	45,076/- (66 $\frac{2}{3}$ %)
Total	2,09,900/-	1,51,789/-

During the Fourth Five Year Plan the Commission has so far accepted three development proposals of the college and sanctioned assistance amounting to Rs. 2,89,808/- as its share as indicated below:-

Project	Amount sanctioned Rs.	Remarks
1. Library building	86,498/-	completed
2. Chalk Boards.	2,400/-	completed
3. Laboratory building	2,00,910/-	Nearing completion.
Total	2,89,808/-	

A sum of Rs. 10,192/- is thus available to the college within the ceiling of Rupees three lakhs.

At its meeting held on 2nd September, 1970 (Item 24) the Commission agreed that in special cases on the basis of needs of the college, merits of development proposals and the progress made by the college in implementing development programmes assistance upto a limit of Rs one lakh may be sanctioned

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to a college beyond the ceiling of Rupees three lakhs.

Established in 1958 the college (St. Joseph's College for Women, Visakhapatnam) is affiliated to Andhra University which has certified that the college is running on sound lines, the university is satisfied with its progress and performance, and the Vice-Chancellor considers the purchase of laboratory equipment and furniture to be essential.

The college has been affiliated for undergraduate Science courses in Physics, Chemistry, Zoology and Botany, besides Home Science. It had an enrolment of 202 for B.Sc. courses and 58 for Home Science courses in the year 1971-72. Apart from the grants sanctioned within the 3 lakhs scheme, it has received Rs. 20,000/- for laboratory development, under the UGC's scheme of 100% grants for the purpose.

If the proposal of the college is accepted, the Commission's assistance will be restricted to Rs. 1,10,192/- (Rupees one lakh special grant + Rs. 10,192 balance available within the ceiling.

The matter is placed before the Commission for its consideration.

E.O. (CII) / D.O. (C)

Confidential

University Grants Commission

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Meeting :

Dated : February 7, 1973

Item No. 33(iv) To consider a proposal of Shree Warana Mahavidyalaya, Warananagar (Shivaji University) for grant beyond the ceiling of Rs. 3.00 lakhs for the construction of a Women's Hostel.

The Shivaji University has forwarded a proposal of Shree Warana Mahavidyalaya, Warananagar for the construction of a Women's Hostel for 50 students (estimated cost Rs. 2,39,064/-, U.G.C. share on usual sharing basis @ 75% Rs. 1,79,298/-). As a sum of Rs. 72,370/- only is available to the college within the IV Plan ceiling of Rs. three lakhs, the Vice-Chancellor has recommended consideration of the proposal for an additional grant of Rs. one lakh beyond the normal ceiling of Rs. three lakhs, since the college, though comparatively new, is well established and is doing very good work.

During the IV plan, the Commission has been sanctioning such special assistance upto a limit of Rs. one lakh to colleges on the special recommendation of the Vice Chancellor.

The matter is placed before the Commission for consideration.

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Confidential

University Grants Commission

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Meeting :

Dated : February 7, 1973.

Item No. (v) : To consider a proposal of the Meerut College, Meerut (Meerut University) for assistance beyond the ceiling of Rs. three lakhs towards the construction of Teaching accommodation.

The Meerut University has recommended the proposal of the Meerut College, Meerut for the construction of additional teaching accommodation at an estimated cost of Rs. 2,03,590/-.

The college, established in 1892 and permanently affiliated to the Meerut University is imparting instruction in Arts and Science subjects upto post graduate level. The enrolment in 1972-73 is 5,524.

During the current plan period, the Commission's assistance for a college is available to the extent of Rs. three lakhs for development programs and an additional sum of Rs. one lakh on the special recommendation of the Vice Chancellor. Against the plan ceiling of Rs. three lakhs the following proposals of the Meerut College, with Commission's assistance to the extent of Rs. 2,41,558/- has already been accepted leaving a balance of Rs. 58,442/-

(1) Purchase of Library books and Lab. equipment (continuing scheme of III Plan)	Rs. 9,542.00
(2) Purchase of chalkboard	Rs. 10,000.00
(3) Construction of Women's Hostel for 52 students	Rs. 2,22,016.00
Total	Rs. 2,41,558/-

A sum of Rs. 58,442/- is thus available to the college within the normal ceiling.

The Vice Chancellor of Meerut University has recommended the proposal of the college for additional assistance of Rs. one lakh for the construction of additional teaching accommodation. The University has also certified that the college is functioning well and the University is satisfied with its progress and performance.

If the proposal of the college for the construction of additional teaching accommodation is accepted at an estimated cost of Rs. 2,03,590/-, the Commission's share will be limited to Rs. 1,55,726/- or 2/3rd of actual expenditure whichever is less.

The matter is placed before the Commission for consideration.

E.O (C-III)/D.O. (C)

University Grants Commission

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MEETING:

Dated : 7th Feb. 1973.

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Item No. 38(vi) : To consider the proposal from S.K. Jain College, Khatauli (Meerut University) towards the construction of Library building beyond the ceiling of Rs. 3 lakhs.

The Meerut University has recommended a proposal of K.K. Jain Degree College, Khatauli, for financial assistance towards the construction of a library building with a built up area of 5793 sq.ft. at an estimated cost of Rs.2,99,763/-.

Established in 1961, this college is permanently affiliated to the Meerut University and is imparting instruction in Arts and Science subjects upto Degree level. Its enrolment during the current academic session is 381. The college has indicated that its existing library (750 sq.ft. in area) is housed in a small room which is too small even for its present needs as it can hardly accommodate 25 students at a time. In the absence of any hostel and Non-resident Student Centre many students are unable to use the library. The college, therefore, has proposed a library building taking into account the needs of development in the coming five years. The Vice-Chancellor of Meerut University while recommending assistance beyond Rs. three lakhs has stated:-

"The college is permanently affiliated to the University for teaching of Arts and Science subjects up to B.A., and B.Sc. standard and is a progressive institution running on right lines. The college possesses the necessary technical and managerial capacity to carry out the project and shall be able to provide the matching share against the grant applied for.

This college is one of the good colleges of the University and is doing useful work. The enrolment of the college has risen from 113 in 1970-71 to 381 in 1972-73. This enrolment is going to increase further as this is the only degree college in the town and draws students from a large number of local and neighbouring Intermediate colleges. Keeping in view the rise of enrolment in the next 5 years, the request of the college seems to be minimum and cannot be implemented without the Commission releasing amount beyond the ceiling of Rs.3 lakhs."

As a special case - as assessed on the basis of the needs of the college, merits of the development proposal and the progress made by the college in the implementation of its development programmes - I strongly recommend that assistance may be given to the college beyond the ceiling of Rs. three lakhs as requested by the College."

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Against the plan ceiling of Rupees Three lakhs, the following proposals have already been accepted with assistance to the extent of Rs.2,02,154/- as detailed below:

<u>Name of the Scheme</u>	<u>UGC Share</u> Rs.	<u>Remarks</u>
1. Expansion of Science Education.	96,763/-	Almost completed.
2. Construction of Principal's residence and Teachers' Hostel.	1,05,391/-	Completed.
	<u>2,02,154/-</u>	

A sum of Rs.97,846/- is thus available within the Rs. Three lakhs ceiling.

In this connection it may be noted that the Commission at its meeting held on 2nd September 1970 agreed that, in special cases, on the basis of the needs of the college, merits of development proposals and the progress made by the college in the implementation of the development programme, assistance may be given beyond the ceiling of Rs. three lakhs upto a limit of Rs. one lakh on the usual sharing basis (Item No.24). The estimates amounting to Rs.2,99,763/- for the construction of library building with a total built up area of 5793 sq.ft. is according to the Commission's norms.

If the proposal of the college is accepted, the share of the Commission will be limited to Rs.1,97,846/- (the balance available to the college inclusive of the additional Rs. one lakh beyond the ceiling of Rs. three lakhs).

The matter is placed before the Commission for consideration.

EO(C.III)/DO(C)

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

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Meeting:

Dated: 7th February, 1973

Item No. 65 : To consider further the proposal of Deccan College of Postgraduate and Research Institute, Poona (Poona University) for financial assistance for the construction of Teachers' Hostel.

The Commission at its meeting held on 1st November, 1972 (Item No. 65) considered the proposal (note attached in Annexure) of the Deccan College of Postgraduate and Research Institute, Poona for financial assistance for the construction of teachers' hostel at an estimated cost of Rs. 3,18,980/-, and regretted its inability, in view of the difficult budgetary position, to accept the proposal of the Deccan College of Postgraduate and Research Institute, Poona for financial assistance for the construction of teachers' hostel. The decision of the Commission was conveyed to the Deccan College of Postgraduate and Research Institute, Poona. The Director of the College has intimated that the College is finding it extremely difficult to provide residential accommodation to the teachers who are appointed in the Department of Archaeology under the scheme of special assistance. He has further stated that most of the new appointees have come from outside Poona and the residential accommodation in the City is very acute. The State Government has ensured matching assistance on receipt of the approval of the Commission. In case the proposal of the College is considered, the share of the Commission will be limited to Rs. 2 lakhs only.

The matter is placed before the Commission for reconsideration.

A.S.(C.I.)/D.O.(C)

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Annexure to Item No. 55

Copy of note placed before the Commission at its meeting held on 1st November, 1972 vide Item No. 65.

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The proposal of the Deccan College Postgraduate and Research Institute, Poona, for the construction of a Teachers' Hostel on 80:20 sharing basis was considered by the UGC Committee on Teachers' Hostels in August 1971 and a grant of Rs. 2 lacs was recommended for the project. An approval in principle was conveyed to the Deccan College Postgraduate & Research Institute in November 1971.

The Deccan College Postgraduate & Research Institute, Poona, is a recognised institution of the Poona University conducting post-graduate research and is also recognised as a Centre of Advanced Study in Applied Linguistics. The Institute had already been assisted for a Faculty Hostel to the extent of Rs. 1,94,522/- during 1966-67 under the scheme of Centres of Advanced Study.

The Deccan College Postgraduate & Research Institute, is also included in the List of Colleges recognised under Section 2(f) of the UGC Act and is ordinarily eligible for assistance under College development schemes.

The question of assistance to Recognised Institutions was, however, considered by the Commission at its meeting held on 7.4.1971 and it resolved as under:-

"The Commission was of the view that it would not be appropriate to bring under Section 2(f) of the UGC Act institutions which are primarily research institutions and not research-cum-teaching institutions (unless these were an integral part of a university). The Commission desired that a Committee may be appointed to go more fully into the matter, including review of cases, if any, of institutions listed under Section 2(f) and not in conformity with the above principles, and, if necessary, suggest modification of the existing regulations (relating to recognition under Section 2(f))."

The Committee appointed for this purpose met on 7.10.1971 and desired that certain information regarding Research Institutions affiliated to Poona University be obtained. Pending receipt of the information the second meeting of the Committee is yet to be held. In view of this development, the Deccan College Postgraduate & Research Institute was requested not to start implementation of the scheme of Teachers' Hostel until the Commission's final decision was communicated to it.

The Director of the Deccan College Postgraduate & Research Institute in his letter dated 15th September, 1972 has stated that the Institute had made all preliminary arrangement for the construction of the teachers' hostel and the State Government had also indicated the possibility of meeting 20% of the expenditure involved in the project. The Director has, therefore, asked for reconsideration of the matter.

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The Institute has a large number of academic staff seeking accommodation on the campus and the position of housing in the city of Poona is very bad. "We have got staff from all parts of India and such persons find it extremely difficult to find accommodation in the city within their means. I should be thankful if you will kindly look into the matter and see that the project already sanctioned is restored at an early date."

It may be stated that a proposal for a Teachers' Hostel has also been received from the Gokhale Institute of Politics & Economics, Poona, whose position is similar to that of the Deccan College.

The matter is placed before the Commission for consideration.

A.S.(C-I)/D.O.(C)

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Confidential

University Grants Commission

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Meeting:

Dated: 7th February, 1973

Item No. 40: To consider further the proposal of the Degree College of Physical Education, Amravati (Nagpur University) for grant for the construction of teachers' Hostel.

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The Commission at its meeting on 5th July, 1972 considered the proposal of the Degree College of Physical Education, Amravati for assistance towards construction of a teachers Hostel (estimated cost Rs. 1,75,780/-, UGC share on 2/3: 1/3 basis Rs. 1,17,186/-) The proposal carried the special recommendation of the Vice-Chancellor Nagpur University for relaxation of condition of minimum enrolment (400), since the College's present enrolment is 209.

The Commission desired that an officer of the Commission may visit the College and report on its present working. Accordingly S.O(C-I) visited the college and his report is enclosed (Annexure-1).

The matter is placed before the Commission for consideration.

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AS(C.I)/DO(C)

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Annexure to Item No. 40

Report of Sri K N. Haldar, SO(C-I) on the College of
Physical Education Amravati (Nagpur University)
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As per orders I visited the Degree College of Physical Education, Amravati (affiliated to the Nagpur University) on 27.11.1972. I met the Secretary of the Foundation Society of the College, the Principal of the colleges, members of the teaching staff and also met separately the representatives of the men and women students.

The college is situated in a campus with an area of 8 acres. It has also finalised the acquisition of another 4 acres of adjoining vacant land. The college functions in a spacious two storeyed building the ground floor of which is used as office and class rooms and the entire first floor is used as Women's students' hostel. In the ground floor there are three small class rooms and 4 big lecture halls. The college is also giving finishing touches to about 8 class rooms which have been recently constructed as adjunct to the Gymnasium which is nearing completion with the assistance of the Govt. of India. The total expenditure already incurred on the construction of the Gymnasium is Rs.4.00 lakhs against assistance of Rs.1.5 lakhs received from the Government of India.

The first floor of the main college building is used as women students' hostel and accommodation is provided in halls and there is obvious congestion. There appears to be urgent need for hostels for women students and the representative of the women students whom I met re-iterated the urgent need of a Women's hostel.

For the men students the college has 4 hostels which accommodate in all 200 students. Here also there is congestion though there is much more space per student than in the Women's hostel. The accommodation is of dormitory type with 4 and more students in each room.

There is a separate kitchen and dining block which is situated in between the men and women students hostel and it is spacious enough to serve the needs of all the students living in the hostels.

The college library hall has a floor area of 1600 sq.ft. with 25 reading seats and 2040 books. There is a librarian who is a graduate with certificate in library Science and an Assistant Librarian who is S.Sc. with certificate in library Science. Both the librarian and the Principal agreed that the library must have more space and more books. Paucity of funds stood in the way of development of library facilities.

The college is running two courses (1) Three year degree course leading to the degree of Bachelor of Physical Education and (2) Post-graduate course of Diploma in Physical Education. The minimum qualification for admission to the Three Year Degree Course in PUC of Higher Secondary and for admission to P.G. Diploma course one should be a graduate of a University. The first year of the Degree Course consists of theory (Total marks-600) and Skills (Total marks-300). In theory portion there are 100 marks each in (1) Introduction to Physical Education, (2) General Science (3) Social Studies (4) Anatomy and Physiology (5) Health, Hygiene and Sanitation (6) Language. In Skills there are 200 marks in Indian and Foreign games and 100 marks in year's work.

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In the second year of the Degree course there are 500 marks in Theory (100 each in Physiology of Exercises and Kinesiology (2) Educational Psychology and counselling and Guidance (3) Yoga (4) Methods in Physical Education and (5) Social Studies. Skills in Games-200 marks and Practice teaching 300 marks.

In the third and final year of the Degree course there are 600 marks in theory (100 marks each in (1) Principles and History of Physical Education (ii) Organisation and Administration of Physical Education (iii) Health and Health Education (iv) Recreation (v) Remedial and Corrective Physical Education and (vi) Officiating and Coaching. There are 400 marks in Skills (Specialisation in Games of Aquatics-100, Specialisation in Physical Activities-100, Combative and Indigenous Activities-75, Specialisation in Athletics-100 and Skills in Remedial Massage-25). There are 200 marks in Practice teaching-100 marks in two lessons in Major games at the time of final examination and (2) Tests in Officiating in Four situations-100 marks)

The final examination of each year of Degree course is conducted by the Nagpur University.

The Diploma of Physical Education course (admission to which is open to Graduates only) is of one year's duration and the final examination is also conducted by the Nagpur University. This course comprises of (1) Principles and History of Physical Education, (2) Psychology (3) Organisation, Administration and Supervision of Physical Education and Recreation (4) Anatomy and Physiology (5) Method of Physical Education and (6) Officiating and Coaching.

The Practical courses in the college start at 6-30 A.M. and continue upto 8-30 A.M. There is a break of one hour from 8-30 A.M. to 9-30 A.M. Theory classes start at 9-30 A.M. and continue upto 1-30 P.M. There is again a break of two and half hours i.e. 1-30 P.M. to 4 P.M. At 4 P.M. Practical classes start and continue upto 6-30 P.M.

There are 9 teachers in the college (excluding the Principal) On the Principal has been provided with accommodation within the college campus. The other 9 teachers have arranged for not-quite-satisfactory private accommodation at a considerable distance from the college. No teacher is an original resident of Amravati.

As the college runs from 6-30 A.M. to 6-30 P.M. (with occasional breaks) the teachers have been experiencing great difficulty in attending to their duties. In private talks with me they emphasised that unless some satisfactory arrangement is made for their residence within the college campus - it would be difficult for them to continue serving in the Institution. Even the students who also wanted expansion of hostel facilities for both men and women students agree that the provision of quarters for the staff is urgent and important. The college has enough land for constructing the hostel. The land is in its undisputed and absolute ownership and possession.

There are 281 students in the college who come from all parts of India viz Himachal Pradesh, Haryana, Delhi, Panjab, Rajasthan, Gujarat, J&K, Mysore, U.P. and M.P. students for admission are selected on the basis of Interviews and tests held at selected centres by the college Governing Body and the University nominee. Final selection

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of the students need the approval of the University. As regards duration and contents of the Syllabus-there are only two other colleges of this type in India-viz Luxmibai College of Physical Education, Gwalior (Jiwaji University) and (2) Government college of Physical Education, Patiala (Punjabi University). While these two are Govt. College, the Degree College of Physical Education, Anravati is the only Private college of this type in India.

The proposal as recommended by the Vice-Chancellor, Nagpur University is for the construction of a Teacher's Hostel for accommodating 6 teachers at an estimated cost of Rs.1,75,780/-, the Commission's share on the usual sharing basis of 2/3:1/3 would be Rs.1,17,186/-.

The need for teachers hostel appeared to me to be genuine and deserve urgent sympathetic consideration and approval.

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'CHUGH'

UNIVERSITY GRANTS COMMISSION

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Meeting

Dated : 7th Feb. '1973

Item No. 21 : To consider a note on resuming book grants on an annual basis from 1973 and to release a second non-recurring laboratory development grant to eligible colleges.

At the First Meeting of the reconstituted Standing Advisory Committee on Colleges held on 5th September, 1972, the Committee noted:

That the main emphasis in the Commission's programmes for colleges had so far been on the provision of basic facilities by way of teaching and residential accommodation for students and teachers and certain essential services by way of Non-residence Students Centre, cycle sheds, tube wells, over-head tanks etc. While these have met a very real need in a large number of colleges, it was felt that it was now necessary to emphasise the need for improvement of quality of teaching. The Committee, therefore, recommended that grants for academic improvement should be provided on a 100% basis. It was noted that the Commission had made a beginning in this respect by providing 100% grants outside the ceiling of Rs. Three lakhs for library and laboratory development. In the Committee's opinion this is an essential programme for all colleges and recommended that these may be resumed on an annual basis w.e.f. 1973.

Books

The Commission has been sanctioning basic grants for purchase of books to colleges on a cent per cent basis from the year 1968 onwards as below:-

<u>Year</u>	<u>Grant</u>
1968-69	Rs. 3,000/- for a college having a student enrolment of 400 or more and Rs. 2,000/- when enrolment is less than 400.
1969-70	Rs. 3,000/- for a college when student enrolment is less than 500, Rs. 4,000/- when enrolment is between 500-999 and Rs. 5,000/- when enrolment is 1000 and more.
1970-71	Rs. 4,500/- for a college when the enrolment is below 500. Rs. 5,500/- when the enrolment is between 500-999 and Rs. 6,500/- when the enrolment is 1000 and above.

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At its meeting held on 5th May, 1971 (item No. 35) the Commission while considering programmes of assistance to colleges decided inter-alia that

"Assistance to colleges for books may be increased, depending upon availability of funds, and basic grants for books, for equipment, and for student welfare programme on a two-year basis (i.e. 1970-72 and 1972-74)". The Commission also indicated that this would help colleges to make a more effective utilisation of the grants.

It may be mentioned here that apart from the basic book grant, colleges receive assistance from the Commission on a sharing basis (75:25) for purchase of book and journals from within the normal financial ceiling of Rs.3 lakhs for the current plan period. Besides this, colleges having a minimum enrolment of 500 students are sanctioned on a sharing basis (75:25) grants outside the normal ceiling of Rs.3 lakhs for the establishment of Book Banks equipped with multiple copies of text books wherefrom students can borrow books during the period of their studies. Such grants from the Commission to the colleges under this programme range from Rs.11,250/- to Rs.22,500/- per college depending on enrolment.

The Commission again considered the question of providing basic grants for books to colleges during 1972-74 at its meeting held on 2nd July, 1971 (Item 65) and desired that the quantum of basic grants to be made available to the colleges on biennial basis for 1972-74 for books, equipments and students welfare programme may be examined and the matter brought up before the Commission at a later meeting. The Commission at its meeting held on 6th December, 1972 (Item 61) again desired that the question of additional grants during fourth five year plan period to universities and colleges for books and journals may be examined and brought up before the Commission at its next meeting.

Under the programme of Book grants for 1970-71 2,500 colleges have been sanctioned admissible grant. The expenditure on this account met by the Commission in respect of 1512 colleges in 1971-72 was Rs.37.99 lakhs. Since this assistance has proved to be very useful, colleges have been pressing for similar assistance during the current year also. The Standing Advisory Committee on Colleges took into consideration the requests of colleges for renewal of the basic book grants and recommended that this may be resumed on an annual basis w.e.f. 1973. If the range of assistance is decided to be Rs.5,000/- to Rs.15,000/- per college depending upon the enrolment, (Rs.5,000 for a college when enrolment is less than 500, Rs.10,000/- when the enrolment is between 500-999 and Rs.15,000/- when the enrolment is 1000 or more). The annual financial commitment for the Commission will work out to nearly Rs. 90 lakhs. For the current financial year it should be possible to find this money by savings from the existing allocation.

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Equipment

The Commission provided equipment grants @ Rs.15,000/- for a college conducting B.Sc. course in Physical, or Biological Sciences, Rs.20,000/- to a college conducting B.Sc. course in Physical and Biological Sciences and Rs.5,000/- per subject for a college conducting B.A./B.Sc. courses in Geography, Psychology, Home Science, Statistics and Biology. This non-recurring 100% laboratory development grant is also sanctioned to a college providing M.Sc./M.A. courses in Physics and Chemistry, @ Rs.15,000/- per subject for Botany, Zoology, bio-Chemistry, Geography, Home Science, Geology, Psychology and Statistics @ Rs.10,000/- per subject. 1488 colleges have received assistance under this programme which has proved to be extremely useful in paying special attention to the needs in revision, modification in the courses and to meet important deficiencies the colleges may have in their equipment for under-graduate and post-graduate courses. This assistance for purchase of laboratory equipment has been made available to the college on an 'adhoc' basis towards the end of the financial year 1970-71. Besides this, it is possible for colleges to receive assistance from the Rs.3 lakhs scheme for purchase of equipment @ 75%. But only very few colleges are able to forward proposals through the universities for purchase of laboratory equipment from the Rs.3 lakhs scheme due to pressure of other needs. The recommendation of the Standing Advisory Committee to resume 100% grants for library and laboratory development may be considered in this context. If it is decided to repeat the non-recurring 100% laboratory development grant the same could be made available to colleges on the present scale and terms. The expenditure on this account during 1971-72 was Rs.106.38 lakhs.

The matter is placed before the Commission for its consideration.

E.O.(C-III)/D.O.(C)

Confidential

University Grants Commission
Chhadur Snah Zafar Marg
New Delhi.

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Meeting:

Dated : 7th February, 1973.

Item No.42: To **re**consider a note on the organisation of a science exhibition in November 1973 with inter-national participation as a part of the silver jubilee celebrations of country's independence.

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The Commission at their meeting held on October 4, 1972, considered a note on the organisation of a science exhibition in November 1973 with international participation as a part of the silver jubilee celebrations of country's independence and accepted in principle the proposal for organising a science exhibition in November 1973 and desired that it may be discussed with the Jawaharlal Nehru Memorial Fund, the NCERT, the Indian National Science Academy and the National Council for Science Education. A copy of the note is enclosed (annexure)

The Commission has approached the Ministry of Education and S.W. to obtain a clearance from the Government of India for the organisation of the above international science exhibition proposed to be held during 1973. The clearance from the Government is awaited. After the receipt of above it is proposed to appoint a Steering Committee for looking after the organisational aspects of the exhibition.

The matter is placed before the Commission for consideration.

EO(SI)/JS(II).

Annexure to Item No. 42:

Copy of the Item No. 41 placed before the Commission at its meeting held on 4th October, 1972.

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In this age of tremendous and fast moving scientific and progress, science exhibition can provide important link between education and the wide world of science and technology. Such exhibitions also stimulate extra curricular activities many of which can be originated and organised by students themselves in their schools and colleges. These activities would include individual and group projects. The exhibitions can thus provide a forum for bringing together groups of students and teachers with common interest in science. They also encourage the students' curiosity and help to channel it into independent scientific thinking, originality and practical view of problems of investigation and research. The exhibitions can also give a realistic glimpse of jobs and careers in science. Apart from exposing the gifted students to recent advances, the exhibitions can also help in the promotion of life long interest in science by young people whether or not they intend to become scientists. The non-science students will be better citizens of tomorrow if they are able to follow significant developments to understand the facts of science in their daily lives. Such exhibitions can therefore, offer excitement and fun and the challenge of scientific investigation and experiment. They can also create scientific awareness amongst common people and to supplement science education in schools and colleges.

One of the important objectives of the Science Exhibition 1973 would be to help all the students and members of the public to get to grips with science and technology as a major influence in society and as a result would help more of them to lead effective and satisfactory lives. The major objectives of the exhibition would be as follows:

1. To arouse scientific curiosity and creativity in the minds of students and also to highlight the techniques and methods of making science instruction interesting, useful and appealing to students.
2. To promote science education, wider dissemination of science, scientific outlook and temper.
3. To display working models, toys and devices illustrating basic principles of science and their application in order to make science interesting and exciting to children and promote a better understanding appreciation of scientific principles and the role of science in our daily lives.

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4. To develop closer links between theory, experiment and demonstration and promote an attitude of experimentation and innovation.
5. To exhibit the achievements in the field of science and technology, by the universities, national laboratories, public sector undertakings, atomic energy commission, and other organisations.
6. To keep the students and members of the public informed of the latest developments in modern scientific subjects through lectures on those topics by eminent Indian scientists.

In November 1971, a National Science Exhibition was organised as a 'Pilot project' at National Physical Laboratory at Delhi under the joint sponsorship of Jawaharlal Nehru Memorial Fund, National Council for Science Education, Univer Grants Commission and the National Council of Educational Research and Training. The exhibition received enthusiastic response from students, teachers and large member of institutions, schools and colleges throughout the country. The success of this exhibition was also amply demonstrated by the public enthusiasm. It gave the public at large a picture of valuable work being done in many of India's forward thinking institutions. In the light of the experience gained in the operation of this exhibition and the impact such an exhibition can make on the students, teachers and the public, it is felt that it would be useful if a Science Exhibition could be held during November, 1973 so that experience gained by a number of countries with regard to activities of this type could be shared and steps devised so as to increase the effectiveness of this kind of programmes especially in the developing countries of the world. It is hoped that as a result of such an exchange of ideas strong links will be forged between developing countries and there could be a broad sharing of experience so that the resources available can be used for the optimum and maximum. It is also expected to lead to an increased activity by national bodies and agencies in advanced countries which could, in future, be brought together into some form of coordinated programme.

Prior to the Exhibition, it is proposed to organise a conference with the following objectives:

1. An information exchange on the activities of the governmental agencies and voluntary organisations in the field of science exhibitions/fairs and production and development of teaching aids, kits and other material
2. Discussion on the main problems and their priorities in the development of science exhibitions as a powerful

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educational aids for students and means for popularisation of science leading towards better public understanding of science.

3. Analysis of the needs, planning, production and distribution of low priced modern scientific kits and implementation of similar teaching materials. Evolving of criteria for cooperation and sharing of expertise.
4. To achieve better international communications between the designers and producers of scientific teaching aids, materials and equipment.

The participants at the conference will be (a) experts in the field of development and production of inexpensive modern scientific kits and teaching materials and designers of equipment for curriculum development programmes from developing countries; (b) advisers/representatives of the Ministry of Education in the field of science exhibition/fairs and development of teaching materials, producers of teaching aids etc. (c) experts from international organisations such as World Bank, International Bank for reconstruction and Development, UNESCO, OECD, Commonwealth Foundation; USSR Academy of Sciences etc. and (d) experts from European institutions, the National Science Foundation/Washington, Center for Educational Development Overseas U.K., German Development Organization, Japan Society for Promotion of Science and similar organisations in other Asian countries. It is expected that the travel expenses of the foreign invitees would be met by the sponsoring countries or agencies like the Commonwealth Foundation or UNESCO while their per diem and travel expenses in India could be met by the Indian sponsoring agencies. The travel and per diem costs of Indian participants will be met either by the sponsoring agencies or the institutions deputing them for participation in the exhibition.

It is suggested that the Science Exhibition-1973 may be co-sponsored by the three organisations viz. the University Grants Commission, the Indian National Science Academy and the Jawaharlal Nehru Memorial Fund and the organizational aspects of the exhibition may be looked after by the University Grants Commission in consultation with the above mentioned organisations. If this meets the approval of the Commission, necessary clearnace of the Government of India will be obtained for extending invitation to a number of Government and agencies for participation in the proposed exhibition and conference. The sponsoring agencies will then approach the Government of India for making available some of the pavilions constructed for the Asian Trade Fair for holding the science exhibition. A note indicating the likely financial implications for the organisation of the Science Exhibition-1973 will be placed before the Commission at its later meeting.

The matter is placed before the Commission for consideration.

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 43 To consider a note on regularising certain items of expenditure incurred by the Summer Science Institutes held in 1967-68.

The Commission held 50 summer institutes in Science and Mathematics for college teachers during summer 1967 (over a period from 24th April to 30th August 1967). During the test checks of the accounts of the summer institutes for the year, the audit has observed that grants were paid to the institutes generally on the norms and items of expenditure approved by the Commission. But in some cases, expenditure on following unusual items was incurred by the universities, which actually cannot be treated as legitimate charge on holding summer institutes. Separate grants apart from the grants from the summer institutes should have been requested by the universities for these purposes. Such cases are cited below:-

- 1) In addition to normal provision of purchases of equipments in the sanction of Rs.31075/- for holding summer institute in Physics in 1967 in Jadavpur University a special grant of Rs.10,000/- was given to the University for the purpose of equipments.
- 2) Jadavpur University purchased one "Expdiascope" costing Rs.3,000/- out of the grant of Rs.37,000/- paid by the Commission for holding summer institute in Chemistry for college teachers in 1967.
- 3) Jammu and Kashmir University was allowed to purchase a typewriter costing Rs.1500/- out of the grant of Rs.25,000/- given to them for holding Summer Institute in Biology for College Teachers in 1967.
- 4) Poona University was allowed to purchase a Godrej cupboard costing about Rs.330/- out of the grant of Rs.25,000/- given to them for holding summer institute in Mathematics for college teachers in 1967.
- 5) Out of the Rs.35,000/- given to Rajasthan University for holding Summer Institute in Mathematics for college teachers in 1967 the University purchased two almirahs costing Rs.737/-.

The expenditure on the above items was approved on receipt of the justification offered by the directors concerned on incurring expenditure on these items in the successful implementation of the programme.

The matter is placed before the Commission for according formal specific approval to this expenditure under summer institute programme so that this could be regularised and the audit objection waived.

EO(S1)/JS(S1)

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

(228)

Meeting:

Dated: 7th February, 1973

Item No. 24

To consider the question of recommending/suggesting names of experts to universities/colleges for consultation regarding placement of Professors in the Selection Grade.

While accepting the recommendations of the University Grants Commission regarding the revision of salary scales of University/College teachers under IVth Five Year Plan scheme with effect from 1.4.66, the Government of India, Ministry of Education and Social Welfare also agreed that 1/3rd of the posts of the Professors in the University be placed in the senior scale of Rs.1600-100-1800. Later the Universities were informed by the Commission to adopt the following procedure while considering the placement of Professor in the senior scales:-

"Proposal for placement of Professor in the senior scale of Rs.1600-1800 should normally be initiated by the Vice-Chancellor, only those Professors will be eligible who have put in at least five years of service as a Professor of the University (service as Professor at another University may also be included). Promotion to the higher scale is not to be regarded as automatic although other things being equal seniority may be the determining element for promotion to the higher scale. The Vice-Chancellor will, however, be free to propose promotion to the higher scale of any Professor who, in his opinion, has a conspicuously high standing in the country in his profession or not to make such a proposal in the case of any Professor whose research and record in his opinion falls below the standard expected."

Recently the Vice-Chancellor of Ranchi University has made a reference to the Commission to suggest names of some of the eminent Zoologists in this country and even abroad for referring the case of Dr. A.C. Bose, Head of the Department of Zoology for his promotion to the selection grade of Professors.

It is for consideration whether the names of experts may be suggested to the Universities/Colleges (when such references are received) and if so the basis/procedure for determining the names of experts would need to be laid down by the Commission.

The matter is placed before the Commission

D.G.(SA)

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 45 : To consider the request of Oxford University Press, Delhi for supply of the list of the titles approved under the scheme for preparation of university level books by Indian Authors.

The Scheme for preparation of University Level Books by Indian Authors was initiated in 1970 by the University Grants Commission in consultation with the Ministry of Education and Social Welfare. A copy of the scheme booklet is attached (Annexure). There are at present 230 projects for preparation of manuscripts in different stages. As regards publication of the manuscript the scheme states as below:-

"It should be possible for the authors to arrange for the publication of these manuscripts through the publishing houses. Care should, however, be taken that the pricing of the books would be kept as low as possible, particularly since the publishers would have made no investment towards preparation of the manuscripts. Each such publication should make an acknowledgement to the assistance provided by the University Grants Commission in the preparation of the manuscripts. The University Grants Commission may also assist in the publication of such manuscripts in consultation with the National Book Trust, Publications Directorate of the Ministry of Education, Government of India or some other suitable agency. It may also be possible to make a suitable subsidy, both to the general publishing houses as well as others under the existing scheme of subsidised publication of books by Indian authors initiated by the National Book Trust, wherever necessary."

In view of the publicity of this scheme and also the importance, the Publishing Houses have started contacting individual authors on their own to obtain the publication rights. Some publishers, like the Oxford University Press have asked for a complete list of projects of book writing approved by University Grants Commission. In view of this it would be necessary to lay down a policy whether or not the lists may be made available to the Publishing Houses on request from time to time.

The matter is placed before the Commission for consideration.

DO(SA)/Addl. Secy.

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UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 7th February, 1973

Item No. 46: To consider the matter regarding the exemption of the grant of fellowships and contingencies under the book writing schemes for purposes of Income-Tax.

The Commission under the Book Writing Scheme awards fellowships to teachers and scholars for writing books; it also provides contingent grant under the scheme. A reference was received from Madras University inquiring if the amount of fellowship was exempt from Income-tax as is the case in respect of senior and junior research fellowships awarded by the University Grants Commission. The matter was referred to the Government of India, Central Board of Direct Taxes requesting that the fellowship amount under the book writing scheme may be exempted from income-tax. The Central Board of Direct Taxes has intimated that as the grants under the scheme are in the nature of fees for the services for preparation of books and as such would be assessable to income-tax as salary. A copy of the letter received from the Central Board of Direct Taxes is enclosed as (Annexure). The authors will also get royalties on the books published which will be an additional income.

The fellowships of value of Rs.500/- p.m. tenable for periods of two years generally (and in some cases can be further extended upto a total of five years) are made to two categories of persons.

- i) Junior authors to work with well-known university teachers in preparation of the book and thus get trained in the art and technique of book-writing.
- ii) Retired university teachers/scholars who would undertake book writing project (in the case of in service teachers appointed as fellows under this scheme, however, the salary actually drawn by them is paid).

Since one of the objectives of the scheme is to train a cadre of young authors under the guidance of well-known university teachers, the fellowship amount paid to category (i) above is in the nature of a training fellowship rather than salary and is therefore similar to Research Fellowship which is exempt from income-tax. In the case of other categories, however, it could be treated as salary.

The matter is placed before the Commission for consideration.

D.O.(S.A.)/Addl.Secy.

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Annexure to Item No. 78

(COPY)

F.NO.184/23/72-IT(AI)
Government of India
Central Board of Direct Taxes.

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New Delhi the, 11th December, 1972.

OFFICE - MEMORANDUM

Subject:- Award of fellowships under the scheme for preparation
of University Level Books by Indian Authors.

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The undersigned is directed to refer to the University Grants Commission's O.M. No.F.5-29/70/(BP) dated 5.9.1972 on the above subject and to say that the Fellowship & Contingent Grants under their scheme for preparation of University Level Books is in the nature of fees for the services for preparation of books and would be assessable to Income Tax as salary. These are not on the same footing as Research Fellowships awarded in Engineering & Technology etc. referred to para 4 of their aforesaid O.M. which were to enable the scholars to devote their whole time in approved Research Programmes.

Sd/-

(B. Madhavan)

Under Secretary Central Board of Direct Taxes.

The Development Officer,
University Grants Commission,
Bahadur Shah Zafar Marg,
New Delhi.

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UNIVERSITY GRANTS COMMISSION

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MEETING:

Dated: February 7, 1973.

Item No. 47 * To consider the question of participation in the ILO-University meeting on Workers Education in Manila, Philippines.

Arising out of the suggestions made for the meeting of the ILO Consultants on Workers' Education held in May, 1971, a meeting of a small group of university representatives is proposed to be held in Manila in March 1973. The ILO Consultants meeting had stressed the important and unique role that universities can play in the field of Workers' Education and had suggested that the ILO should promote and organise contacts and exchanges of views between university authorities and trade union leaders interested in developing the role of universities in workers education. The main objectives of the proposed meeting are:-

- (a) To examine and identify the special role of universities in workers' education;
- (b) to explore ways and means of stimulating greater interest and involvement of universities in workers' education in Asian countries and
- (c) to examine the feasibility of establishing systematic liaison between the universities themselves as well as with the ILO.

The proposed meeting would be held at the Asian Labour Education Centre of the Philippines University. A selected number of representatives from the Asian Universities and the University Grants Commission, New Delhi, have been invited. The Universities are: (i) the University of Philippines; (ii) Korea University; (iii) University of Hong Kong; (iv) University of Singapore; (v) University of Ceylon, and (vi) Meiji-Gakuin University, Tokyo.

The Government of India, Ministry of Education and Social Welfare, have enquired whether the UGC would be interested in participating in the Conference, and if so, the name of the representatives of the Commission may be indicated. The selected participants will be provided with return air ticket (economy class) and per diem allowance at the prevailing U.N.D.P. rates (about U.S. \$ 13 to \$ 23) during the duration of the meeting.

The matter is placed before the Commission for consideration.

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UNIVERSITY GRANTS COMMISSION

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Meeting:

Dated: 7th February, 1973

Item No. 43:

To consider the question of utilization of unspent balances during 1972-73 out of the grant of 1971-72 under Junior Research Fellowship Scheme.

The Standing Committee for scholarship and Fellowship at its meeting held on 10th July, 1972 made the following recommendations with regard to the working of the scheme of Junior Research Fellowship which has been transferred to the universities for implementation for the year 1971-72.

1. The allocation of funds to the universities for implementation of the Junior Research Fellowship Scheme during 1972-73 may be the same as in 1971-72 except that a minimum of Rs.15,000/- be allocated to a university for implementation of the scheme during a year and in such cases where the amount of allocation is less than this amount, the allocation be raised to Rs.15,000/-.
2. The unspent balance left with the universities out of the grants paid for the implementation of the scheme during 1971-72 may either be got refunded or adjusted against the allocation for 1972-73.
3. Further grants to 18 universities who have not sent the required statement of account and other information inspite of repeated requests may be released only on receipt of statement of accounts and utilization certificate for 1971-72.
4. As most of the universities have not been able to utilize the funds allocated to them for implementation of the scheme during 1971-72, further grants over and above 50% of the allocation already remitted to them may be released only after the grant already released has been utilized and list of candidates selected during 1972-73 has been received.

The recommendations of the Standing Committee have been accepted and an amount of Rs.83,85,000/- allocated to 78 universities (Annexure B), during the current year. The first instalment of grant amounting to Rs.41,62,500/- has been released to the universities towards the implementation of the project with the request to refund the unspent balance out of the grant for the year 1971-72.

The Universities of Bhopal, Delhi, Gurunanak, North Bengal, Panjab, Sardar Patel, S.N.D.T. Women's, Utkal and Jamia Millia have so far refunded the unspent balances out of the grant for the year 1971-72.

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The universities of Andhra, A.P.S. Rewa, Banaras, Gujarat, Indore and Karnatak have requested for utilization of unspent balances left out of the grant of 1971-72 during the year 1972-73 and the universities of Agra, Bihar, Gorakhpur, Gurunanak, Himachal Pradesh, Jabalpur, Kalyani, Kanpur, Nagpur, Poona, Sambalpur, Shivaji, Kashividyapith have approached the Commission for additional grant and for utilization of unspent balances out of the year 1971-72. In addition, request for onenhancement of grant have also been received from Calicut, Kashmir, Kurukshetra and Mysore Universities.

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As most of the universities are finding it difficult in implementing the scheme within the funds allocated to them for consideration is the universities may be permitted to utilize the unspent balance of the last year for award of Junior Research Scholarships during the current year.

The matter is placed before the Commission for consideration.

A.S. (SF)/J.S. (II)

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Annexure to Item No. 48

UNIVERSITY GRANTS COMMISSION

ALLOCATION REGARDING JUNIOR RESEARCH FELLOWSHIP SCHEME FOR THE YEAR 1972-73.

S.No.	Name of the University	Allocation for the year - 1972-73.	1st instalment released.
1.	Madras	3,25,000	1,62,500
2.	Dolhi.	3,25,000	1,62,500
3.	Banaras	3,25,000	1,62,500
4.	Calcutta	3,25,000	1,62,500
5.	Aligarh	3,00,000	1,50,000
6.	Andhra	2,75,000	1,37,500
7.	Panjab	2,75,000	1,37,500
8.	Rajasthan	2,75,000	1,37,500
9.	Allahabad.	2,25,000	1,12,500
10.	Bombay	2,25,000	1,12,500
11.	lucknow	2,25,000	1,12,500
12.	Mysore	2,00,000	1,00,000
13.	Osmania	2,00,000	1,00,000
14.	Kerala	1,75,000	87,500
15.	Saugar	1,75,000	87,500
16.	Poona	1,75,000	87,500
17.	Patna	1,75,000	87,500
18.	Daroda	1,75,000	87,500
19.	Karnatak	1,75,000	87,500
20.	Sri Venkateswara	1,50,000	75,000
21.	Burdwan	1,50,000	75,000
22.	Nagpur	1,50,000	75,000
23.	Agra	1,25,000	62,500
24.	Amamalai	1,25,000	62,500
25.	I I.Sc. Bangalore	1,25,000	62,500
26.	Bangalore	1,00,000	50,000
27.	Gauhati	1,00,000	50,000
28.	Gujarat	1,00,000	50,000
29.	Jabalpur	1,00,000	50,000
30.	Jadavpur	1,00,000	50,000
31.	Madurai	1,00,000	50,000
32.	Sardar Patel	1,00,000	50,000
33.	Utkal	1,00,000	50,000

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1.	2.	3.	4.
35.	Udaipur	80,000	40,000
36.	Marathwada	80,000	40,000
37.	Ranchi	80,000	40,000
38.	Viswa Bharati	80,000	40,000
39.	Kurukshetra	75,000	37,500
40.	Shivaji	75,000	37,500
41.	Bihar	75,000	37,500
42.	Vikram	75,000	37,500
43.	Dibrugarh.	75,000	37,500
44.	Gorakhpur	75,000	37,500
45.	Indore	75,000	37,500
46.	Jiwaji	75,000	37,500
47.	Jodhpur	75,000	37,500
48.	Kalyani	75,000	37,500
49.	Kanpur	75,000	37,500
50.	Meorut	75,000	37,500
51.	Panjabi	75,000	37,500
52.	Ravi Shankar	75,000	37,500
53.	Roorkee	50,000	25,000
54.	Jammu	50,000	25,000
55.	Lashmir	50,000	25,000
56.	Bhagalpur	50,000	25,000
57.	Magadh	50,000	25,000
58.	North Bengal	50,000	25,000
59.	Gujarat Vidyapith	40,000	20,000
60.	Kashi Vidyapeeth	40,000	20,000
61.	Rabindra Bharati	30,000	15,000
62.	Sanskrit University Varanasi	30,000	15,000
63.	Berhampur	25,000	12,500
64.	Calicut	25,000	12,500
65.	Saurashtra	25,000	12,500
66.	School of Mines Dhanbad	25,000	12,500
67.	S.N.D.T.	25,000	12,500
68.	Tata Institute, Bombay	25,000	12,500
69.	Dharbanga	15,000	7,500
70.	Guru Nanak	15,000	7,500
71.	A.P.S. Rewa	15,000	7,500
72.	Bhopal	15,000	7,500
73.	H.P. Sinla	15,000	7,500
74.	Sambalpur	15,000	7,500
75.	South Gujarat	15,000	7,500
76.	Janic Millia	15,000	7,500
77.	Gurukul Kangri	15,000	7,500
78.	Cochin	15,000	7,500
		<u>83,85,000</u>	<u>41,62,500</u>

University Grants Commission

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Meeting :

Dated : February 7, 1973.

Item No. 49 : To consider the question of providing financial assistance to teachers of Medical Colleges for attending International Congress Conferences abroad.

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The Commission has been providing 50% of International airfare (economy class) and 1st class rail fare in India to enable teachers from colleges (including those from Medical Colleges) for attending International Seminars, Conferences etc. abroad subject to the condition that the other 50% was borne by the college concerned/State Government.

A large number of such participants have been sponsored by various medical colleges in India. The Commission at its meeting held in September, 1972 considered requests from GSVM Medical College, Kanpur (Item No. 54), Kasturba Medical College, Manipal (Item No. 53) and others and regretted its inability to provide assistance towards the travel expenses to the teachers in Medical Colleges for attending the International conference abroad in different branches of Medical Sciences.

The Commission at its meeting held on 2nd August, 1972 desired that the question of providing assistance to the teachers of medical colleges for attending International conferences abroad may be discussed with the Ministry of Health. The Ministry of Health has intimated that the U.G.C. scheme "appears to be intended not only for medical teachers but for all college teachers. We think that it would be appropriate for the University Grants Commission to continue to deal with this case as before". For teachers of agricultural universities/colleges there is no similar scheme with I.C.A.R. for making travel grant available for attending International conferences.

The Commission has received requests from 19 such participants from medical colleges in India for making available to them 50% of the International travel expenses incurred by them for conferences already attended, the other 50% being borne by the college/other agencies. (Annexure).

The matter is placed before the Commission for reconsideration.

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List of Teachers of Medical Colleges who could not be assisted for attending International Congresses/Conferences abroad etc.

Sl. No.	Name of the Teacher, Designation & College	Name of the Congress/Conference etc.	Total travel expenses	Whether College/ Univ./State Govt. willing to pay its share	Commission's contribution (50%)	Remarks
1	2	3	4	5	6	7
1.	Dr. K. Sree Kumar, Lecturer, Medical College, Trivandrum	World conference on Medical Education held at Copenhagen, Denmark from 25th - 28th Sept., 1972.	Rs. 6,500/-	Expenditure Rs. 2000/- from All India Medical Students Association	Commission's share would be Rs. 3250/-	Request is for Rs. 4500/-, Balance Rs. 2000/- is expected to be met by raising Rs. 2000 from the members of All India Medical Students Association.
2.	Dr. K.S. Bose, Lecturer, Medical College, Calcutta	International Congress of Orthopaedics and Traumatology at Tel. Aviv, Israel from Oct. 9-13, 1972 and to participate as Visiting Professor of Oxford Univ. in Nuffield Orthopaedic Centre, Oxford, U.K.	Not indicated	Yes (Stat Govt.)	not indicated	Expenditure involved is not indicated. Details of expenses not received.
3.	Dr. C.C. Mallik, Head Deptt. of Forensic & State Medicines, N.R.S.	Sixth International Meeting of Forensic Sciences at Edinburg from 20th to 26th September, 1972.	-do-	-do-	-do-	Expenditure involved not indicated

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1	2	3	4	5	6	7
3.	Medical College Calcutta					
4.	Dr. J.B. Mukherji, Prof. & Head Deptt. of Forensic & State Medicine, Medical College, Calcutta	Sixth International Meeting of Forensic Sciences at Edinburg from 20th to 26th September, 1972.	Rs. 8,390/-	Yes (Stat Govt.)	Rs. 4195/-	Request through college
5.	Dr. R.T. Singh, Prof. & Head of the Ophthalmology Deptt. G.S.V.M. Medical College, Kanpur	25th Anniversary Congress of the Massachusetts Eye & Ear Infirmary in Boston	Rs. 6,000/-	(Yes (Univ.))	Rs. 3000/-	Request through Kanpur University
6.	Dr. S. V. Adinarayana Rao, Lecturer, Experimental Surgery Andhra Medical College, Vishakhapatnam.	International Conference at Tel. Aviv, Israel. in October, 1972	Not indicated	Yes (Stat Govt.)	not indicated	Request is recommended by Andhra University. Govt. of India does not favour paying grants for attending conferences etc. in Israel.
7.	Dr. Hem Raj Sharma, Reader Anesthesia Deptt. Medical College, Bikaner	5th World Congress of Anesthesiologists held at Kyoto, Japan in September, 1972.	Rs. 6,000/-	50% is sanctioned by Indian Medical Association, Bikaner	Rs. 3000/-	Request received through Rajasthan University.

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1	2	3	4	5	6	7
8	Dr. Satya Nanad, Head of Deptt. of Orthopaedic, L.L.R.M. Medical College, Meerut	Annual Conference of Canadian Orthopaedic Association	Rs. 5000/-	Yes (Univ.)	Request is for Rs. 2500/-	Request received through Kanpur University
9	Dr. Stanley John, Prof. of Surgery, Deptt. of Thoracia, Christian Medical College and Hospital, Vellore	Round Table Conference on Technical Problems of Cardiac Surgery in infancy held at Singapore under the auspices of 5th Asian Pacific Congress of Cardiology, Singapore from 8th to 11th Oct., 1972	Not indicated	Yes (College)	Not indicated	Request received through Madurai University
10	Dr. M. Mohan Rao, Urology Deptt. Christian Medical College and Hospital, Vellore	Vth International Congress of Nephrology held in Mexico from 8th to 13th October, 1972	-do-	-do-	-do-	-do-
11	Dr. B.K. Jha, Associate Prof. of Anaesthesiology, K. M. School of Post Graduate	Vth World Congress of Anaesthesiologists held at Kyoto, Japan, in September, 1972	Rs. 7000/-	Already paid Yes (by college)	Rs. 3500/-	Request received through College

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1	2	3	4	5	6	7
12	Medicine & Research V.S. General Hospital & Chinai Maternity Hospital, Ahmedabad					
12	Dr. Fritam Singh, Prof. Medical College, Amritsar	Vth World Congress of Anaesthesiologists held at Kyoto, Japan in September, 1972	Rs. 6000/-	College is willing to pay 50% Rs. 3,000/-	Rs. 3000/-	Request received through College and University
13	Dr. G. S. Sainani, Prof. of Medicine, Medical College, Nagpur	Vth Asian Pacific Congress of Cardiology held in Singapore from 8th to 13th October, 1972	Not indicated	Yes (State Government)	Not indicated	Request received through College
14	Dr. V. K. Agarwal, Prof. of Surgery, Gandhi Medical College, Bhopal	58th Clinical Congress of the American College of Surgeons, at San Francisco from 2nd to 6th October, 72	Not indicated	Yes (Univ).	-do-	Request received through the Bhopal University
15	Dr. P. Koshy, Prof. of Medicine, Kasturba Medical College, Manipal	4th International Congress of Transplantation at San Francisco and 5th International Congress of Nephrology at Mexico city	-do-	Yes (College)	-do-	Request received through the Mysore University

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1	2	3	4	5	6	7
	from 25th to 29th Sept., and 8th to 13th Oct., 1972 respectively.	from 25th to 29th Sept., and 8th to 13th October, 1972 respectively.				
16	Dr. Arun Bordia, Reader in Medicine, Cardiology R.N.T. Medical College, Udaipur	12th International Congress of Internal Medicine held in September, 1972, in U. S. A.	Rs. 4922.70	Yes (Piramal Education Trust, Bombay)	2461/35 P.	Case still pending with the college - reply awaited.
17	Dr. A. K. De, Asstt. Prof. of Surgery, Medical College, Calcutta	12th International congress of Internal Medicine 5th to 9th Sept., 1972 and 8th World Congress of Anatomic & Clinical Pathology at Munich 12th to 16th Sept., 1972	Rs. 7822/-	Yes (Stat Govt. already paid)	Rs. 3941/-	Request received through college
18	Dr. KV. Johny, Head of Nephrology Unit. Christian Medical College & Hospital, Vellore	Vth International Congress of Nephrology held in Mexico from 8th to 13th October, 1972.	-	-	-	Request received through college
19	Dr. (Miss) J. Kathuria, Lecturer in Biology, Khalsa College, Matunga, Bombay	International Helgolander Symposium, 1972	Rs. 6286/-	Yes (College)	Rs. 3143/-	Request received through college

UNIVERSITY GRANTS COMMISSION

Confidential

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Meeting:

Dated : 7th February, 1973.

- Item No. 54: To consider a note on the requests received from the directors of summer science institutes for 1973 (special/advanced level all India institutes) for making available the services of foreign experts/specialists for the duration of the institutes.

The Commission at its meeting held on November 1, 1972 agreed to provide annually a sum up to Rs. 50,000/- for inviting outstanding experts from abroad for participation in the programmes supported by the University Grants Commission and desired that proposals for assistance to universities under this scheme be placed before the Commission (Item 47).

The directors of the special/advanced all India summer science institutes, approved for 1973, have made the following requests for making available the services of foreign experts/specialists:

S.N.	Director & Location	Special Topic of Summer Institute	Foreign Consultant requested
1.	Prof. F.C. Auluck, Deptt. of Physics & Astrophysics, Delhi University.	Theory of Gravi- tation (Physics)	1. Prof. D. Ivanenko, Physics Faculty, Moscow State University, Moscow (USSR) 2. Prof. R. Penrose, Mathematics Deptt. Birkbeck College, London. 3. Dr. DW Sciama, Department of Applied Maths. & Theoretical Physics, Cambridge Univ. (UK).
2.	Prof. S.K. Joshi, Deptt. of Physics, Roorkee University.	Solid State Theory	Two UK specialists in Experimental Physics
3.	Prof. K. Pampati Rao, Deptt. of Zoology, Bangalore University.	Behavioural Sciences	Suggested 3 specialists from USA and 2 from UK and/or Germany in (i) Basic Ethology; (ii) Mechanism of Behaviour & (iii) Experi- mental Psychology. Request already made to Dr. G. Hiebert of NSF for (1) Dr. TH Bullock, Univ. of California (2) Dr. MW Schein, West Virginia Univ.

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1	2.	3.	4.
4.	Prof. RP Roy, Deptt. of Botany, Patna University.	Cytogenetics	<u>One out of</u> 1. Dr. KR Lewis, Deptt. of Botany, Univ. of Oxford (UK) 2. Dr. W. Gottschalk, Director, Institute of Genetics, Bonn (W. Gorman) 3. Dr. A. Muntzing, Deptt. of Genetics, Lund (Sweden)
5.	Prof. AK Sharm, Deptt. of Botany, Calcutta University.	Chromosome Microbiology	<u>Two out of</u> 1. Prof. MBE Godward, Deptt. of Botany, Queen Mary College, London. 2. Dr. KR Lewis, Deptt. of Botany, Oxford University. 3. Prof. LF Lacour, FLS, John Innes Horticultu- ture Institute, England. 4. Prof. W. Gottschalk, Director, Institute of Genetics, University of Bonn, Kurfurstenstr 74, Bonn.
6.	Prof. SC Pandeya, Deptt. of Biosciences, Saanshtra University.	Environmental Biology	1. Dr. Gordon Swartzman, Natural Resources Ecology Laboratory, Colorado State Univ. Fort Collins, Colorado (USA).
7.	Prof. IC Pandey, Deptt. of Geology, Panjab University.	Palacontology	One US specialist in Himalayan & Structural Geology or Palacontology
8.	Prof. MV Bhatt, Deptt. of Chemistry, IISc. Bangalore.	Reaction Mechanism	Foreign experts may be provided.
9.	Prof. CC Patel, Deptt. of Chemistry IISc., Bangalore.	Chemical Spectroscopy	1. Prof. FA Cotton, Texas A & M University 2. Prof. ER Lippincott, Univ. of Maryland.

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1.	2.	3.	4.
			3. Prof. RL Belford, Univ. of Illinois.
			4. Prof. WN Lipscomb, Harvard University.
10.	Dr. J. Jayaraman, Deptt. of Biosciences, Madurai University, Madurai.	New Techniques in Bioresearch	1. Dr. Henry Mahtoff, Research Professor in Chemistry, Indiana Univ. (USA).

It is for Commission's consideration if:

- (a) Experts be invited for participating in the Summer Institute - and if so, the number of such experts.
- (b) The expenditure of these experts including travel be met by the Commission or the British High Commission, German Academic Service and the National Science Foundation,; be approached to meet the travel expenses of the experts; under different programmes.

The matter is placed before the Commission for consideration.

E.O. (SI)/JS(II).

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UNIVERSITY GRANTS COMMISSION

Meeting:

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Dated : 7th February, 1973.

Item No. 51: To consider a note on the recommendations made by the pre institute orientation meeting of the directors of summer institutes in Mathematics for 1973 held on January 16-17, 1973.

The pre-institute orientation meeting of the directors of summer institute in Mathematics for 1973 was held at Bombay on January 16-17, 1973, under the Chairmanship of Professor K.G. Ramanathan of the School of Mathematics, Tata Institute of Fundamental Research, Bombay. A copy of the proceedings of the meeting is enclosed (Annexure).

The meeting inter-alia recommended that in view of the prevalent rise in prices of essential goods and commodities, the allocation for board and lodging may be raised from Rs. 8 to Rs. 10, inclusive of service charges, per participant per day.

The matter is placed below before the Commission for consideration.

E.O. (SI)/J.S. (II)

University Grants Commission.

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Annexure to Item No. 511

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Proceedings of the pre-institute orientation meeting of the directors of summer institutes in Mathematics for 1973 held at Bombay on January 16-17, 1973.

The pre-institute orientation meeting of the directors of summer institutes in Mathematics for 1973 was held at the Tata Institute of Fundamental Research, Bombay, on January 16-17, 1973. The following were present:

1. Professor K.G. Ramnathan, Chairman
Tata Institute of Fundamental Research,
Bombay.
2. Professor S. Raghavan,
Tata Institute of Fundamental Research,
Bombay.
3. Professor V.S. Hazurbarzar,
Poona University.
4. Professor R.K. Rathi,
Moorut University.
5. Professor G. Das,
Sambalpur University.
6. Professor Ram Kumar,
Udaipur University.
7. Professor T.S.G. Krishnamurthy,
Andhra University.
8. Professor K. Amur,
Kannatak University.
9. Professor S. Shreekhanda,
Bombay University.
10. Professor M.H. Vasvada,
Sardar Patel University.
11. Shri Y.D. Sharma,
Education Officer,
University Grants Commission.

II. Professor M.S. Narasimhan, Professor M. Artin, Professor M.S. Raghunathan, Professor D. Mumford, Professor S. Rangachari, Professor K. Ramachandran, Professor C.S. Seshadri, Professor R. Shridharan and Professor S. Ramanan, all of the School of Mathematics, Tata Institute of Fundamental Research, attended the meeting by special invitation.

III. Professor S.D. Chopra (Kurukshetra University), Dr. George Abraham (Madras Christian College, Madras) and Professor T.S. Bhanumurthy

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(Madras University) could not attend the meeting due to previous engagements.

IV. The programme and courses of study to be taught at each of the institutes was discussed at length and the following observations and recommendations were made.

(1) To enliven the academic atmosphere which is so essential for the successful implementation of the summer institute programme, the director of the institute should function as the leader of the academic programme besides being the administrator head.

(2) The courses of study proposed for the institute should be clearly defined. These should be modest and realistic, directly related to the stated aim of the institute viz. development and revision/modernisation of the courses of study. The emphasis should be on the fundamental concepts and relationships with concentration on some essential parts and with a view to bringing the trainees/participants to the required level. The aim of the institute is essentially to improve the professional competence of the participant-teacher. In the context of actual class-room situation and the revised/modernised courses of study.

(3) Actual participation of the individual should be ensured by learning - teaching process, group discussions, seminars, guided reading followed by participant lead seminars, development by the participants of the written material and exercises for the use of their own students. The following suggestions were made towards achieving this objective.

(a) A small committee of the participants and the faculty members may be constituted in the beginning of the first week to spell out detailed programmes for the subsequent weeks.

(b) A social get together with a buffet type coffee may be organised on the first day to promote a better mixing between faculty and the participants.

(c) Participant lead seminars pertaining to the subject matter of the institute, the teaching methods and specific proposals for reforming curricula or examination system could be organised. The findings of these seminars could be sent to the respective board of studies at the universities for consideration.

(d) The institute library of the department should be kept open for extended hours. This will ensure the maximum use of the library by the participants.

(4) Core books for presentation to the participants may be ordered well in advance with stipulation that the unused books will be returned to the publisher/book-seller. To some selected participants, the director may forward the core books, courses of study, reference list etc. so that they come well prepared and derived the maximum benefit out of the institute programme.

(5) Generally, guest lecturers are not permissible for general level institutes. Wherever these are considered essential, they may

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be invited to participate in the general level institute programme for minimum period of two weeks with the prior concurrence of the U.G.C.

(6) The U.G.C. will make an advertisement in the leading daily newspapers in the country announcing the summer institute programme. It was considered desirable that the directors may also establish personal contact with the Principals of the colleges under the jurisdiction of the summer institutes by sending them circular letters for deputing teachers from their institutes. The jurisdiction of each institute have been noted in the brochures, copies of which will be supplied by the U.G.C. to the directors by early March.

(7) On the basis of the advertisement and the circular letter of the director concerned, the intending participants will request the director of the institute to send the requisite application form etc. While sending them the copies of the brochures containing the application form, the director of the institute may bring to the attention of the intending participants the following:

- (a) Objective of the institute. This may be clearly defined. It may be clarified that the institute is intended for improvement of knowledge and professional competence of the teacher and that work is expected from each participant. /hard
- (b) Broad outline of the programme, background knowledge expected and the standard proposed to be covered in the programme.
- (c) The list of books to be presented to the participants and those to be covered in the institute.
- (d) A clarification that the participants should have no prior commitment during the course of the institute and they should attend the institute in full.
- (e) Application forms should be answered completely as this will be the sole basis of the selection of the participants and that any discrepancy disclosed later will be brought to the notice of the sponsoring college and the U.G.C.
- (f) Applicants should disclose the number of institutes attended by them by years, subject and venue.
- (g) The names of the other summer institutes to which the candidate has applied for in the current year should also be mentioned.
- (h) Any specific difficulty about accommodation, food etc. These may be brought to the notice of the participants.
- (i) The participant may intimate along with the application form his research interests. He may also state how his participation can contribute to the successful implementation of the programme - by way of seminars, group discussions etc.
- (j) It should be noted by the participants that they should be prepared to participate in the evaluation/assessment of training received by them during the institute at various stages of the programme.

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- (8) With a view to knowing the extent of heterogeneity in the group of participants attending the programme, it may be useful to prepare a questionnaire which the participants may reply at the beginning of the institute. This will help a lot in the planning and development of the courses and discussions. This pre-testing will also help the director to select candidates who are homogeneous and also possess certain level of information. While stressing the advantages of pre-testing, the exact form in which this could be done was left to the individual director.
- (9) The U.G.C. has already circulated a proform for the evaluation of the institutes by the participants. The directors may send these proform duly answered by the participants to the U.G.C. without delay for processing.
- (10) The directors of various institutes may circulate a brief report of their experiences/lecture notes special features of the institutes amongst themselves.
- (11) The importance of follow-up work in the improvement of the academic programme was emphasised. Ideally every summer institute should be a continuing programme dedicated to the improvement of professional efficiency of the teacher. The follow up work could include organisation of seminars, workshops, refresher courses, sequential institutes, advanced level institutes, group meetings of the participants and others concerned for finding ways and means of improving upon the courses/techniques of study. Information on the impact of the training programme in the context of actual class-room situation could be collected by the director in a suitably designed questionnaire. On the basis of the information so collected, the problems could be identified for further discussion on various forums mentioned above. A report of the follow up programme may be sent by the directors to the U.G.C.
- (12) It was noted that the U.G.C. has already a programme to assist the institutes for the organisation of follow up programmes like seminars, symposia, workshops, refresher courses etc. Also under the college science improvement programme (COSIP) the U.G.C. provides assistance for improving the facilities for higher education.
- (13) During the course of the summer institute, time should be allotted for considering the reform in the prevalent examination system.
- (14) No expenditure on inaugural/closing functions, photographs, entertainment, excursions/picnics, bags and badges etc. should be made out of the institute fund.
- (15) No appropriation may be made from the approved budget heads without the prior concurrence of the Commission.
- (16) In view of the prevalent rise in prices of essential goods and commodities, the allocation for board and lodging may be raised from Rs. 8 to Rs. 10, inclusive of service charges.
- (17) It was noted that the U.G.C. assistance towards secretarial clerical, class IV staff, laboratory assistance, medical expenses etc. for summer institutes in Mathematics was raised from Rs. 500 to Rs. 1,000 in 1972 and this will be applicable to the present year institutes and the subsequent institutes.

Kaphi