

UNIVERSITY GRANTS COMMISSION

AGENDA AND PROCEEDINGS

PART-I

NO-181

19TH JULY 1976

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

MINUTES OF THE 181ST MEETING OF THE UNIVERSITY GRANTS
COMMISSION HELD ON JULY 19, 1976.

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The following were present:

Professor Satish Chandra	-	Chairman
Professor B. Ramachandra Rao	-	Vice-Chairman
Shri K.N. Channa	-	Member
Professor R.P. Bambah	-	Member
Professor S.S. Saluja	-	Member
Professor (Miss) A.J. Dastur	-	Member
Professor S. Gopal	-	Member
Professor J.B. Chitambar	-	Member
Professor Maqbool Ahmed	-	Member
Professor B.M. Udgaonkar	-	Member
Dr. Chandran D.S. Devanesen	-	Member
Shri R.K. Chhabra	-	Secretary

SECRETARIAT

Additional Secretary

Dr. D. Shankar Narayan

Joint Secretaries

Dr. J.N. Kaul
Dr. S.K. Dasgupta

Deputy Secretaries

Shri S. Viswanath
Shri I.C. Menon
Dr. S.C. Goel
Shri S.P. Gupta
Dr. M.L. Mehta
Dr. T.N. Hajela
Shri Y.D. Sharma

Director (SRC)

Dr. Jagdish Shankar

Finance Officer

Shri R.P. Bhattacharjee

p.t.o.

Item No. 1 : To receive the minutes of the meeting of the Commission held on 3rd & 4th June, 1976.

The minutes of the 180th meeting of the University Grants Commission held on June 3-4, 1976 were confirmed subject to the following modifications:

Appendix VII to Item No.43

Sub-para 8 - The last sentence may read as follows:

The guidelines along with the suggestions made by the Panels would then be considered by the Commission.

Sub-para 11(a) - The first sentence may read as follows:

The Government of India had since created a special fund of Rs.2 crores for purposes of funding research projects. Accordingly, it may not be necessary for a large number of projects to seek support from outside sources such as PL-480 Fund, etc. unless scientific collaboration with foreign countries was considered absolutely necessary for taking up such research projects.

Arising out of the minutes, it was agreed that :

(a) Item No.7(ix) - a list of research journals which may be prepared by the Panels and which may be subscribed to by the postgraduate departments be circulated to the colleges.

(b) Item No.43(3) - in the case of national associates, for visits by persons to industries, the duration of the visit may extend upto six months.

Item No. 2 : (a) To approve the action taken on certain matters
(b) To receive the items of information.
(c) To receive the statement of proposals which could not be accepted by the Commission.

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

(b) This was noted.

(c) This was noted.

- Item No. 3 : To approve the statement of grants released after the last meeting of the Commission held on 3rd & 4th June, 1976.

The Commission approved the grants released after the last meeting of the Commission held on June 3-4, 1976 (Appendix II*).

- Item No. 4 : To receive the statement of expenditure incurred by the U.G.C. during 1976-77 upto 31st May 1976.

This was noted.

- Item No. 5 : To consider the report of the Visiting Committee appointed by the Commission to assess the Fifth Plan development proposals of Kanpur University.

The Commission noted the observations made by the Visiting Committee which assessed the Fifth Plan proposals of the Kanpur University. The Commission desired (as in the case of Agra University) that the question of organisation of teaching and research in the Kanpur University may be examined further by a Committee of experts. The Commission could not agree to any of the Colleges of Kanpur University starting M.Phil. courses until such time the concept of academic centres and the question of initiating teaching in the University has been considered by the committee referred to above.

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- Item No. 6 : To consider the report of the Visiting Committee appointed by the Commission to assess the Fifth Plan development proposals of Banaras Hindu University.

The Commission considered the report of the Visiting Committee appointed to assess the Fifth Plan requirements of the Banaras Hindu University and generally accepted the recommendations subject to the following :

1. The Commission strongly supports the recommendation of the Committee that the Banaras Hindu University should concentrate its efforts and resources mainly on honours and

postgraduate courses and research. All India character of the University should be reflected both in enrolment in these courses and the academic staff of the University. The University should work out a phased programme of stabilising enrolment in all the faculties at about 10,000 students.

2. An expert committee may examine in details the reorganisation of the Library system and the services to be provided in the light of the suggestions of the visiting committee.

3. For the recruitment of the technical personnel recommended for various disciplines, the University should prescribe the proper technical training and qualifications as required for the job to be done.

4. With regard to the appointment of Heads of Departments, the attention of the Banaras Hindu University may be invited to the relevant recommendations contained in the Report of the Committee on Governance of Universities and Colleges - Part I - Governance of Universities.

5. The Commission could not agree to the suggestion that vocational/professional subjects/papers may be introduced as optional at the undergraduate stage. The University may, if it so desires, consider the desirability of starting separate certificate/diploma courses in vocational/professional/secretarial courses.

6. The general policy regarding the institution of scholarships in various disciplines/areas in the Central Universities may be reviewed so as to enable them to function as all-India institutions.

7. Provision may be made for joint appointment and visiting fellowships for which funds are being provided.

8. The Commission agreed to the award of a total number of 40 fellowships at a time for pursuing research in university-teaching departments. The awards may be distributed as under :

- (a) Ten fellowships for candidates belonging to scheduled castes and scheduled tribes.
- (b) Ten fellowships reserved for candidates belonging to weaker and backward sections of society, students belonging to Manipur, Nagaland and other backward and under-developed regions in the country.
- (c) Twenty fellowships to be awarded on all-India basis, at least 50% of which are awarded to candidates from the universities in States other than Uttar Pradesh.

9. The Commission reiterated the importance of coordination of the programmes of the departments of (i) art and architecture (ii) history and (iii) ancient Indian history, culture and archaeology, (iv) Indo-Sumerian Studies and desired that the University takes concrete steps to set up a school/faculty of historical studies incorporating these departments. This may be reviewed after some time.
10. The Department of Philosophy needs to be strengthened in the field of modern analytical philosophy. This need may be taken into account whenever a senior vacancy arises in the department.
11. One Lecturer for teaching Vyakarna may be provided under second priority to the Department of Sanskrit and Pali.
12. The Professor of Indian Art History in the department of art and architecture may function as ex-officio Director of the Bharat Kala Bhavan. To assist him in the administration of the Bharat Kala Bhavan, the Commission agreed to provide one post each of Deputy Director and Deputy Keeper, in place of one post each of Reader-cum-Deputy Director and Lecturer-cum-Deputy Keeper as recommended by the Visiting Committee. They may however assist the Director in running the proposed course on art appreciation as recommended by the Committee. There may not be a separate Department of Museology, but the facilities for teaching museology may be provided in the Department of History of Art.
13. The Commission could not agree to the post of Professor recommended by the Committee under first priority for the Department of History. Instead, it agreed to provide one post of Reader for teaching non-Indian history in the Department.
14. The post of Professor for teaching ancient Indian political thought recommended by the Committee under second priority for the Department of Political Science was not accepted. Such courses could be provided in collaboration with the Department of Ancient Indian History, Culture and Archaeology.
15. The amount for the purchase of equipment and tapes in the faculty of music and fine arts may be raised from Rs.20,000 to Rs.30,000 in the first priority.
16. The Commission could not agree to the recommendation of the Committee that the amount of Rs.13 lakhs spent on the purchase of mass spectrometer may be charged to the funds earmarked for the development of engineering and technology. This amount will remain a charge on the general development allocation of the University and the mass spectrometer will be used as a central facility to be utilised by the faculties of science, technology, medicine and agriculture.

17. The allocation of Rs.10 lakhs recommended by the committee under the first priority for the purchase of ESR spectrometer as the central facility may be shifted to second priority to be considered in due course.

18. The Commission has since made separate grants for the purchase of an ultracentrifuge as part of a research project in the department of zoology.

19. Out of the allocation of Rs.1.50 lakhs recommended for purchase of equipment under first priority in the Mahila Mahavidyalaya, a sum of Rs.50,000 may be earmarked for the purchase of equipment required for the department of home science. The department of home science in the Mahila Mahavidyalaya may be further strengthened and its requirements examined.

20. The question of providing basic minimum facilities and equipment to new members of the teaching faculty in science departments may be examined in consultation with the Science Research Council and the Committee of Conveners of the Panels in Humanities and Social Sciences.

21. The needs of the science departments in respect of chemicals, consumables etc. as part of maintenance grant may be assessed by the Committee appointed to determine the block grant of the University.

22. The general question of the organisation of bio-chemistry programmes, avoiding duplication in various departments may be considered in consultation with relevant subject panels.

23. The recommendations of the Committee as accepted by the Commission are given in Appendix III.

Item No. 7 : To consider the recommendations of the Committee of Conveners of the Panels in the Humanities & Social Sciences made at their meeting held on April 20, 1976 on certain suggestions made by Prof. Daya Krishna, Department of Philosophy, Rajasthan University with regard to implementation of short term projects.

The Commission agreed that :

(1) requests for grants for publication of research projects may not be entertained under this scheme and the candidates should be informed accordingly and in advance;

(2) the scholars may be requested to send a list of books purchased by them through their guides and heads of departments as and when they buy books for the purpose of their research work approved by the Commission;

(3) whenever travel is necessary for purpose of research, the scholar should clearly indicate as to why it is necessary.

Item No. 8 : To consider the recommendations made by the Committee of the Conveners of the Panels in the Humanities and Social Sciences at their meeting held on April 20, 1976, regarding the selection of a few university departments for the participation in the University Leadership Project under College Humanities & Social Sciences Improvement Programme (COHSIP).

The Commission desired that the Economics Department of Panjab University and the Philosophy Department of Rajasthan University may be invited to participate in the University Leadership Project for Humanities and Social Sciences in Colleges.

The Commission also desired that other departments recommended by the Panels may be requested to indicate their willingness to participate in this programme and to send concrete proposals in this regard for the Commission's consideration.

Item No. 9 : To consider the recommendations of the Committee of Conveners of the Panels in the Humanities & Social Sciences made at their meeting held on April 20, 1976, regarding review of the policy laid down by the Commission for financial assistance to teachers under the scheme of Support for Advanced Research.

The Commission accepted the recommendation that normally a teacher receiving research support from the Commission should not be working at any given time for more than three research projects supported by the U.G.C. and other grant-giving agencies. This may also be brought to the attention of the Panels in Social Sciences, Humanities and Sciences.

Item No. 10 : To consider the Report of the Visiting Committee appointed by the U.G.C. for assessing the proposal of the Cochin University for the introduction of an undergraduate course in Naval Architecture/Ship Technology during the Fifth Plan.

The Commission while accepting in principle the recommendations of the Visiting Committee which examined the proposals of the Cochin University for the introduction of an undergraduate course in Naval Architecture/Ship Technology desired that the report may be sent to the University and the State Government for their views with regard to specific suggestions made therein for implementing the scheme during the V Plan. While finalising the grant that may be payable to the University, provision may also be made for visiting faculty.

Item No. 11 : To consider the report of the Committee appointed by the Commission to review the working of the correspondence courses at the Meerut University.

The Commission accepted the suggestions and recommendations made by the Committee with regard to the correspondence courses at Meerut University and agreed to provide assistance for the following for consolidating the undergraduate correspondence courses :

- i) A Reader each in History, Economics, Political Science and Sociology.
- ii) Improvement of instructional materials. Rs. 39,000
- iii) Personal contact programmes Rs. 75,000
- iv) Study Centres Rs. 1,20,000

The above grants will be on condition that the University implements the UGC guidelines on correspondence course and the recommendations made by the Committee.

In this connection, the Commission desired that the universities be informed that the income from organisation of correspondence courses should be utilized by them for further development and improvement of correspondence courses. This income should not be utilised by the universities as a source of general revenue.

p.t.o.

Item No. 12 : To consider the report of the Committee regarding utilisation of the amounts realised from Sale of Books and other materials produced under COSIP- University Leadership Projects.

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The Commission accepted the recommendations made by the Committee with regard to utilization of the amount realised on the sale of books, equipment and other material produced under the COSIP-U.L.P. as indicated in Appendix IV.

Item No. 13 : To consider the minutes of the meeting of the Committee appointed to consider the recommendations made at the Joint meeting of the U.G.C. and the Standing Committee of the Association of Indian Universities regarding the rules to be framed to review the cases of retirement of employees of the Universities at the age of 50 and 55 as proposed by the Government of Orissa.

The Commission accepted the views expressed by the Committee with regard to reviewing the cases of retirement of employees of the Universities at the age of 50 and 55 years, as given below:

1. The Committee was not in favour of the suggestion that rules may be framed for reviewing the cases of retirement of the teachers at the age of 50 in the first instance and at the age of 55 for a second term.
2. However, in exceptional cases, if a teacher cannot function as he is expected to do, his case for premature retirement could be considered. It was agreed that in such cases it will not be only necessary to provide for the right of defence and appeal to appropriate authorities but also provision for giving terminal benefits to those who are compulsorily retired may also have to be provided for. The procedure to be prescribed should be such that there should not be any scope for victimisation. Such review committees should consist of academicians including experts from outside the State and the academic grounds on which premature retirement can be made, should be clearly laid down."

It was also desired that the views of the Committee as accepted by the Commission may be communicated to the Government of Orissa.

It was further suggested that the recommendation No.2 may also be referred to the Committee appointed to consider the code of conduct prepared by the Universities and the State Governments.

Item No. 14 : To consider the minutes of the Standing Committee on Computer Development meeting held on 12th March, 1976.

This was noted.

Item No. 15 : To consider a proposal received from Prof. S. Shukla, Professor of Education, Jamia Millia Islamia, New Delhi, regarding provision of travel grant to scholars for collecting research material from abroad.

The Commission considered the suggestions made by Prof. Shukla with regard to providing travel grant to scholars for collecting research material from Nepal and Ceylon and agreed that in specific cases where such visits to immediate neighbouring countries were considered essential in the interest of research work, an additional contingent grant may be given to the scholar to enable the scholar to visit the country/ countries concerned.

Item No. 16 : To consider further the question of number of answer books, expected to be examined by the teachers.

It was agreed that normally no teacher may be expected to evaluate more than 300 scripts for undergraduate students and 150 scripts of postgraduate students at the annual or the semester examination. The same norms may be prescribed for examination of the scripts in respect of correspondence courses and private candidates.

As regards the practical examination for private candidates, the Commission desired that further details may be obtained and the matter brought up before the Commission.

Item No. 17 : To consider further a note on the implementation of the scheme for development of undergraduate education in colleges.

This was withdrawn.

Item No. 18 : To consider the revised Fifth Plan development proposals of Meerut University.

The Chairman reported that he had further discussed this with the Vice-Chancellor, Meerut University. The University has accepted the concept of Schools of Physical Sciences and Life Sciences for which it is necessary to set up the Department of Zoology, as suggested by the Visiting Committee, as part of the School of Life Sciences.

The University is also agreeable to continue post-graduate courses in Mathematics, Psychology, Sociology, etc., and to provide specialised and innovative courses at the postgraduate stage.

The Chairman was authorised to finalise in consultation with the Vice-Chancellor the schemes to be accepted for implementation in the V Plan.

Item No. 19 : To consider the proposal of the Aligarh Muslim University for additional staff for library.

The Commission considered the proposal of the Aligarh Muslim University for additional staff for the Library and agreed that pending the detailed examination of the proposal with the help of a committee, the University may be assisted to provide for a post of a Deputy Librarian and 3 Assistant Librarians.

Item No. 20 : To consider the proposal of the Nagpur University for a grant on the occasion of its Golden Jubilee.

The Commission agreed to provide a grant of Rs.10 lakhs to the Nagpur University on the occasion of its Golden Jubilee celebration. It was noted that the Maharashtra Government had agreed to make available a grant of Rs.20 lakhs to the University on this occasion. It was further noted that a total grant of Rs.30 lakhs thus available would be utilised by the University for setting up the Department of Cellulose Technology, Department of Microbiology, Department of Statistics and introduction of Elective Postgraduate course at the M.Sc. level in Geology or Applied Geology and also for construction of "Suvarna Mahotsva Bhavan".

Item No. 21 : To consider the proposal of the Poona University (Deccan College Postgraduate and Research Institute) for further excavations at Inamgaon and Somnath.

The Commission accepted the proposal of the Deccan College Post-graduate & Research Institute (Poona University) for further excavations at Inamgaon and agreed to provide a grant of Rs.60,000 per annum for a period of five years. The Commission further desired that the Deccan College be requested to ensure that the reports of the work already done are published at an early date.

Item No. 22 : To consider further the proposal of the Utkal University for Change in the Specialisations for the post of Readers approved for the Fifth . . . Plan period.

Consideration of this item was postponed to the next meeting, since information from the Vice-Chancellor, Utkal University, was still awaited.

Item No. 23 : To consider the proposal of Kohima Science College, Kohima, for financial assistance under Rs.5.00 lakh scheme in relaxation of eligibility condition of minimum enrolment in degree classes.

The Commission, as a very special case, agreed that the Kohima Science College, Kohima, may be assisted for purchase of books and equipment as given below by waiving the minimum enrolment condition prescribed for the purpose.

		<u>Commission's share</u>
Library books	Rs. 1 lakh	75,000
Equipment	Rs. 1.6 lakhs	1,20,000

Item No. 24: To consider certain establishment matters of the University Grants Commission.

Applicability of the provisions of Fundamental Rule 56 in so far as these relate to review of cases of Government servants attaining the age of 50/55 years or completing 30 years of service to the employees of the University Grants Commission.

The Commission considered the references received from the Ministry of Education & Social Welfare and decided that the provisions of Fundamental Rule 56 in so far as these related to the review of cases of government servants attaining the age of 50/55 years or completing 30 years of service as well as the orders issued by the Government of India in this regard from time to time may also be made applicable to the employees of the University Grants Commission.

Item No. 25 : To note the date and place for the next meeting of the Commission.

It was noted that the next meeting of the Commission will be held on August 23, 1976 in Delhi.

Item No. 26 : To consider further the Scheme of appointment of Professor of Eminence in Universities.

The Commission considered the views of the Jawaharlal Nehru University regarding the scheme of appointment of Professor of Eminence in universities but regretted that it could not accept the suggestions made by the University. In this connection it was noted that it was open to any university, to refrain from suggesting any names for consideration under this scheme.

Item No. 27 : To consider the recommendations of the Committee appointed by the University Grants Commission to examine the proposal of Punjabi University, Patiala, for the continuation of Scholarships for post-M.Sc./B.E. Diploma Courses in Electronics & Television Engineering & Space Sciences.

The Commission desired that the recommendations of the Committee may be examined further in the light of observations made by the committee and necessary action taken.

Item No. 28 : To consider a proposal on Teachers Training Programme in English.

The Commission accepted in principle the suggestion made by the C.I.E.F.L., Hyderabad, to collaborate with other universities for organising teachers training programme in English language. It was further agreed that the details of the requirement for implementation of this scheme may be worked out with the help of a committee and brought before the Commission.

Item No. 29: To consider the proposal of the department of Ancient History, Culture and Archaeology of the Allahabad University for participation in the Programme of Centres of Advanced Study/Departments of Special Assistance.

The Commission considered the recommendations of the committee to assist the Department of Ancient History, Culture and Archaeology of the Allahabad University under the scheme of Special Assistance to selected Departments and desired that the Department may be provided support under the Scheme of Departmental Support in the first instance subject to the University accepting the following conditions :

- (1) The Commission's assistance will be made available only after the syllabi at the undergraduate and postgraduate levels are revised keeping in view the guidelines provided by the Commission's panel on History in this regard.
- (2) The Commission's support may be provided only if the University agrees to drastically reduce the enrolment at both the undergraduate and postgraduate levels so that the teacher-pupil ratio which is 1:101 is improved considerably.

Specific items for which assistance may be provided to the Department may be determined after the University accepts the suggestions made above. The question of participation of the Department in the Special Assistance Programme will be considered later.

Item No. 30 : To consider the proposal of the Department of History of the M.S. University of Baroda for participation in the programme of Centres of Advanced Study/Departments of Special Assistance.

The Commission desired that the Department of History, M.S. University of Baroda, may be provided support under the Scheme of Departmental Support in the first instance and the question of its participation in the Programme of Special Assistance to selected Departments may be considered later. The specific items for which assistance may be provided to the University may be accordingly determined.

Item No. 31 : To consider the proposal of the Psychology Department of the Utkal University for participation in the programme of Centres of Advanced Study/Departments of Special Assistance.

The Commission considered the proposal of the Department of Psychology, Utkal University, for participation in the programme of CAS/DSA and agreed to provide assistance to the Department under the scheme of Special Assistance to selected Departments as given in the Appendix V.

Item No. 32 : To consider the report of the Fifth Plan Visiting Committee for the University of Jabalpur.

The Commission considered the report of the V Plan visiting committee for the University of Jabalpur and agreed to provide grants as given in the Appendix VI. It was further agreed that the University would be advised not to start any new department unless it is in a position to provide full complement of staff which has been recommended by the visiting committee. In this connection, it was suggested that the University and the State Government be requested to determine early the exact nature of the relationship and coordination between the university departments and the Government Arts & Science College located in the vicinity of the University.

Item No. 33 : To consider the recommendations of the Committee for the development of the Postgraduate Centre, Goa, in Fifth Plan.

The Commission generally accepted the recommendations of the Committee for the development of the Post-graduate Centre, Goa, during V Plan and agreed to provide grants as given in the Appendix VII.

In this connection, the Commission desired that a committee be appointed to work out the details for providing facilities for studies in Marine Sciences in Goa in collaboration with the National Institute of Oceanography, Goa.

Item No. 34 : To consider further the report of the Committee appointed by the Commission to examine the proposal of Andhra University for the organisation of a course in Space Science and Research.

The Commission accepted the report of the committee appointed to examine the proposal of the Andhra University for the organisation of a course in Space Sciences and Technology, keeping in view the consultations made with the Indian Space Organisation. The Commission further desired that the Physics Department of Andhra University, which would have a major responsibility in organisation of this course, may coordinate the programme in consultation with other participating departments in the University and Indian Space Research Organisation.

The Commission further agreed to provide the following assistance to the University for this purpose for a period of three years in the first instance after which the Commission may review the position.

I. Non-Recurring:

a) Additional Lab. equipment	Rs. 1,00,000
b) Development of fabrication of equipment in the areas of Rocket Pay Loads and Telemetry.	Rs. 1,00,000
c) Two additional rooms at Field Station.	Rs. 30,000
Total:	<u>Rs. 2,30,000</u>

II. Recurring

a) TA/DA for students and staff for travel.	Rs. 10,000 p.a.
b) Materials for Student Projects	Rs. 5,000 p.a.
c) Contingencies	Rs. 5,000 p.a.
d) 10 Studentships @ Rs.250/-p.m. for 12 months.	Rs. 30,000 p.a.
e) Guest Lectures.	Rs. 5,000 p.a.
	<u>Rs. 55,000 p.a.</u>

Staff

- f) 2 Readers, 1 Lecturer, 1 Electronics Engineer and 1 Electronics Technician.

The appointment of staff however should be made on a permanent basis on the usual sharing basis and the University be requested to take over the expenditure on the staff after the assistance from the Commission ceases for this purpose.

Item No. 35 : To consider the report of the Review Committee appointed by the Gujarat University for the Survey of Facilities and organisation of Post-graduate teaching in its affiliated colleges.

This was noted. It was noted that the Gujarat University had accepted the recommendations of the review committee with regard to organisation of postgraduate studies in the colleges of Gujarat University and accordingly most of the postgraduate classes will be discontinued w.e.f. 1976-77 in the "postgraduate centres" located in the affiliated colleges. The Commission however felt that the assets created out of the grants given to the colleges by the University Grants Commission in the earlier years for the postgraduate courses may be retained by the colleges concerned and used for improvement of teaching and research programmes.

Item No. 36 : To consider the recommendations of the Standing Advisory Committee for Centres of Advanced Study in the Humanities and Social Sciences in regard to selection of university departments to which visiting committees may be sent to ascertain their suitability for participation in the CAS Programme.

The Commission accepted the recommendations of the CAS/DSA Advisory Committee that visiting committees may be sent to the following departments for assessing their suitability for participation in the Programme of Special Assistance to Selected Departments:

Psychology	- Allahabad	History	- Delhi
Sociology	- Panjab	Economics	- Andhra, Calcutta and Punjabi
Anthropology	- Ranchi	Linguistics	- Osmania
Philosophy	- Rajasthan & Jadavpur.		

The Commission desired that similar action may be taken in respect of departments suggested by Science Panels in consultation with the Standing Committee on CAS/DSA in Science subjects and brought up before the Commission.

R.K. Chhabra
Secretary

Satish Chandra
Chairman

Appendix III to Item No. 6

BANARAS HINDU UNIVERSITY

Approved allocation Fifth Plan Period

a) Ist Charge

Spill over	-	Rs.24,98,560	Annexure I
Basic Grants	-	Rs.12,50,000	Annexure II
Schemes already approved	-	Rs.17,84,900	Annexure III

b) New Allocations:

Books	-	Rs.14,40,000	Annexure IV
Equipment	-	Rs.25,50,000	Annexure IV
Building	-	Rs.36,65,000	Annexure V
Miscellaneous	-	Rs. 5,65,000	Annexure VI

c) Recurring

i) Addl. Staff Prof. 14, Readers 29 Annexure VII
Lecturers 32 and others 44

ii) 40 Junior Research Fellowships.

- a) 10 Fellowships may be reserved for candidates belonging to scheduled Castes, scheduled tribes.
- b) 10 Fellowships reserved for candidates belonging to backward and weaker sections of society, students from border States such as Manipur, Nagaland and other backward and under developed States of the country.
- c) 20 fellowships to be awarded on all India basis, at least 50% of which are awarded to candidates belonging to universities in the States other than U.P.

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Annexure I

UNIVERSITY GRANTS COMMISSION

Schemes approved during the Fourth Plan Period or earlier and which are required to be completed during the Fifth Plan period and including the grants released for the purpose subsequent to 31.3.1974 by the University Grants Commission.

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BANARAS HINDU UNIVERSITY

S.No	Scheme/Department	Amount payable as on 1.4.1974 Rs.	Reference U.G.C. letter No. & date
1	2	3	4
<u>STAFF</u>			
1.	12 Million Dollar Loan Programme	36,904.20	F.22-1/73(Sc.I)/D2-a)
2.	Field Training work in Geology	7,788.23	F.31-16/66(S) dated 5.9.1966.
3.	Mahila Mahavidyalaya(Humanities)	14,487.80	F.1-3/70(H-I/D2-a)
4.	Faculty of Law	1,706.64	F.1-3/70(H-I/D2-a)
5.	Historical Grammar of Hindi Language	960.96	F.1-7/65(H-I/D2-a)
6.	General Education	35,536.67	F.68-6/61(C) dated 7.1.1965.
7.	Introduction of Diploma Course in Journalism	29,872.72	F.6-3/72(H-I/D-2-a)
8.	Bharat Kala Bhavan	2,009.21	F.1-9/63(H-I/D-2(a)
9.	Employment of Training Coaches	18,064.79	F.6-17/70(SA-I/D-2(a)
10.	Evening College	13,520.90	F.46-8/71(HL)/D2-a)
11.	Development Officer	292.47	F.20-1/69(CD/D-2(a)
12.	Faculty of Education	4,50,291.00	F.25-2/70(H-II/TE/ D-2(a) F.3-11/75(D-2(a)
Total -		<u>6,11,441.59</u>	

1	2	3	4
<u>II BUILDING</u>			
13.	Physics	60,000.00	F. 21-6/71(Sc.I/D2(a))
14.	Geology	1,128.64	F. 21-1/68(Sc.I/D2(a))
15.	Psychology	30,000.00	F. 6-2/72(H-I/D2(a))
16.	Law	1,91,150.00	F. 1-2/69(H-I/D2(a))
17.	Vocal Music/Instrumental Music/Musicology	5,025.43	F. 32-3/65(H/D2(a))
18.	Mahila Mahavidyalaya	2,345.67	F. 21-17/63(Sc.I/D2(a)) F. 6-3/64(H-I/D-2(a))
19.	International House	7,169.37	F. 51-38/59(CU-I/D2(a))
20.	212 Seated Hostel including 2 Warden Quarters	47,000.00	F. 61-9/70(CU-I/D2(a))
21.	48 Teachers Hostel	7,90,000.00	F. 33-5/72(CU-I/D2(a))
22.	Non- Teaching Staff Quarters		
a.	10 Quarters for Class IVth Staff.	67,500.00	F. 32-6/71(CU-I/D2(a))
b.	22 Quarters for Ministerial Staff	3,27,800.00	F. 31-3/71(CU-I/D2(a))
c.	4 Quarters for Supdt.	22,000.00	F. 31-2/71(CU-I/D2(a))
23.	Hostel for 24 Postgraduate Students Faculty of Education	2,50,000.00	F. 25-2/70(H-II/TE/D-2(a))
24.	US Million Dollar Loan Scheme Department of Botany		
a.	Air Conditioned Room for Growth Chamber.	26,000.00	F. 22-1/73(Sc.I/D2(a))
b.	Isotope Laboratory building Department of Zoology	50,000.00	F. 22-1/73(Sc.I/D2(a))

Total Rs. 18,77,110.11

'B'

III Others

25.	Furniture for Education Department.	10,000.00	F. 25-2/70(H-II/TE/D-2(a))
Total Rs.		10,000.00	

'C'

Grand Total (A+B+C) = Rs. 24,98,560.70

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Annexure II

University Grants Commission

Basic Grants approved to the Banaras Hindu University by the Commission in the beginning of the Fifth Plan for the purchase of (i) Scientific Equipment, and (ii) Books and Journals..

<u>Purpose</u>	<u>Amount</u>	<u>UGC Reference</u>
Basic Grant for the purchase of		
a) Scientific equipment	7,50,000	F. 3-3/74(D2a)
b) Books and Journals	5,00,000	F. 3-2/74(D2a)
Total	<u>12,50,000</u>	

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Annexure . III

UNIVERSITY GRANTS COMMISSION

Other Schemes accepted by the Commission on the condition that the expenditure thereon would be a Charge on the Fifth Plan Allocation likely to be made to the Banaras Hindu University.

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1. S.No.	2. Purpose/Scheme	3. Amount sanctioned	4. UGC letter No. and Date.
I. <u>NON-RECURRING</u>			
		Rs.	
1.	Purchase of Mass Spectrometer etc. for setting up Central Instrumentation Service Laboratory.	13,00,000.00	F-3-65/66(I) dated 28.2.1974 F-3-3/75(D-2(a)) dated 26.3.1975.
II. <u>RECURRING</u>			
2.	Strengthening of Departmental Libraries & Reorganisation of the Manuscript Section.		
	a) Professional Junior (Rs.400-950)-1 Rs. 40,000/-		
	b) Semi-Professional (Rs.130-280)-1 Rs.24,000/-	64, 000.00	F.1-4/71(H-1/D-2(a))
3.	Scholarship for students of Faculty of Oriental Learning & Theology 20 stipends @ Rs.50/- p.m. each & 2 Research Scholarship @ Rs. 200/- p.m. for academic year 1974-75 & 1975-76.	25,000. 00	F.3-1/75(D-2a)
4.	Scholarship for students of Faculty of Education Scholarship @ Rs. 100/- p.m. each to 20% students for academic year 1974-75 & 1975-76.	60,000.00	F.1-3/70(H-1/D2(a)) F.3-12/75(D2(a))
5. <u>RESEARCH SCHEMES</u>			
	Centre for Study of State Govt. in the Political Science Department for 1974-75 and 1975-76 only	50,000.00	F.1-3/70(H-I/D-2(a)) F.3-8/75(D-2(a))

p. t. o.

1	2	3	4
6.	Reproduction Biology under Prof. JP Thapliyal, Deptt. , of Zoology for 1974-75 and 1975-76	50,000.00	F. 1-3/70(H-I/D- F. 3-9/75(D-2(a)
7.	Reproduction Biology under Dr. J. Sharma, Deptt., of Zoology for 1974-75 & 1975-76	50,000.00	F. 1-3/70(H-II/D-2 F. 3-10/75(D-2(a)
8.	Assistant Registrar		
	(a) Examination- 1	80,000.00	
	(b) Civil Supplies & Student Amenities- 1		
9.	Publication of Historical Grammar of Hindi Language.	105,900.00	
Total -		17,84,900.00	

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BANARAS HINDU UNIVERSITY

Annexure -IV

Allocation for Fifth Plan period for
Equipment and Books & Journals as accepted
by the Commission.

(RUPEES IN LAKHS)

S. No.	Department	Books & Journals (100%)	Equipment (100%)
1.	2.	3.	4.
1.	Ancient Indian History Cul. & Arch.	0.20	0.30
2.	Art & Architecture	0.10	0.20
3.	Philosophy	0.10	-
4.	Hindi	0.15	-
5.	Indian Languages	0.05	-
6.	Urdu	0.10	0.05
7.	Bengali	0.05	-
8.	English	0.15	-
9.	Foreign Language	0.10	-
10.	Sanskrit & Pali	0.10	-
11.	Arabic	0.05	-
12.	Persian	0.05	-
13.	School of Languages	-	0.60
14.	Library & Information Science	0.10	-
15.	Physical Education	-	0.10
16.	Bharat Kala Bhavan	0.10	0.50
17.	Journalism & Mass Communication	0.30	0.80
18.	Economics	0.40	0.05
19.	History	0.30	-
20.	Political Science	0.30	-
21.	Psychology	0.30	0.70
22.	Sociology	0.30	0.05
23.	Physics & Spectroscopy	1.00	3.00
24.	Chemistry	1.00	4.00
25.	Botany	1.00	3.00
26.	Zoology	1.00	3.00
27.	Geology	0.50	2.00
28.	Geography	0.50	1.00
29.	Geophysics		
	a) Applied Geophysics	-	1.50
	b) Meteorology	-	1.00
	c) Common facilities	0.60	0.50
30.	Mathematics and Statistics	0.50	0.80
31.	Centre for Life Sc. (Conditional)	0.50	-
32.	Central Instrumentation Laboratories.	-	-

1	2	3	4
33.	Faculty of Oriental Learning and Theology	0.20	0.10
34.	Faculty of Music & Fine Arts.	0.10	0.30
35.	Faculty of Commerce	0.30	0.05
36.	Law	1.00	-
37.	Education	0.30	0.40
38.	Mahila Mahavidyalaya	0.50	1.50
39.	Evening College	0.10	-
40.	Central Library	2.00	-
41.	Uniy. Press	-	-
Total:		<u>14.40</u>	<u>25.50</u>

Annexure -V

BANARAS HINDU UNIVERSITY

BUILDING CONSTRUCTION APPROVED - FIFTH PLAN PERIOD

S. NO.	Department	Amount (Rs. in lakhs)
1.	Art & Architecture	0.70
2.	School of Languages	0.50
3.	Bharat Ala Bhavan	0.10
4.	Faculty of Social Science	4.00
5.	Chemistry	0.70
6.	Zoology	1.00
		0.50
7.	Geology	2.50
8.	Geography	1.00
9.	Geophysics	0.25
10.	Mathematics and Statistics	1.00
11.	Centre for Life Science (Conditional)	-
12.	Faculty of Music and Fine Arts	1.00
13.	Education	2.00
14.	Mahila Mahavidyalaya	2.00
		0.40
15.	Central Library	9.00
16.	Hostel for students	
	i) For men students	4.00
	ii) For Women students	2.00
17.	Teachers quarters	4.00
18.	Auditorium	-
	Total:	<u>36.65</u>

p.t.o.

BANARAS HINDU UNIVERSITY

ALLOCATION FOR OTHER MISCELLANEOUS PROJECTS
APPROVED FOR FIFTH PLAN PERIOD

S. No.	Department	Rs. in lakhs	
1.	Art & Architecture	0.05	Field Trg.
2.	Philosophy	0.20	Publication
3.	School of Languages	0.10	Contingencies
4.	Bharat Kala Bhavan	0.20	Publication
5.	Botany	0.15	Field Trip
		0.75	Fabrication and Air-Conditioning
6.	Geology	0.80	Field Work
7.	Geography	0.20	Field Work
8.	Geophysics a) Applied		
	Geophysics	0.75	Field Work
	b) Meteorology	0.50	Field Work
9.	Mathematics and Statistics	0.15	Field Work
10.	Centre for Life Sc. (Conditional)	0.50	(Demographic Lab. Grant)
11.	Central Instrumentation Laboratories	0.30	
12.	Faculty of Oriental Learning & Theology.	1.00	(Publication of Rare Texts)
	Total:	<u>5.65</u>	

UNIVERSITY GRANTS COMMISSION

Annexure VII

BANARAS HINDU UNIVERSITY

Additional Staff approved- Fifth Five Year Plan period

<u>S.No.</u>	<u>Department</u>	<u>Staff</u>	<u>Specialisation</u>
1.	Ancient Indian History, Culture and Archaeology	2 Readers	Pre-history, Nummatics, Epigraphy
2.	Art & Architecture	1 Reader 2 Lecturer	Iconography/Western art history General Art History -1 Eastern Art - 1
3.	Philosophy	1 Reader	Modern symbolic logic/ Navyanayaya
4.	Hindi	1 Reader 1 Stenotypist	Linguistics/Language Teaching Hindi
5.	Urdu	1 Professor 1 Typist	-
6.	English	1 Professor	Contemporary literature
7.	Sanskrit & Pali	1 Reader	
8.	Arabic	1 Lecturer	Modern Arabic
9.	Persian	1 Lecturer	Modern Persian
10.	School of Languages	1 Professor 1. Tech. Asstt. 3 Stenotypist 2 Gestetner Operator 1 Lab. Attendant	Linguistics
11.	Library & Information Science	1 Professor	With a research degree and experience in Modern Techniques of library Science
12.	Physical Education	1 Reader 3 Lecturer	(Already existing regularised)
13.	Bharat Kala Bhavan (Deptt. of Museology)	1 Deputy Director 1 Deputy Keeper 1 Asstt. Librarian 3 Armed Guards 3 Gallery Attendants 1 Checking Counter Assistant	Expert in Museology Expert in Museology

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<u>S.No.</u>	<u>Department</u>	<u>Staff</u>	<u>Specialisation</u>
14.	Journalism and Mass Communication	1 Reader	Expert in communication Research/preparation of teaching material seminar public tions.
		1 Lecturer	Radio & Oral Communication
15.	Economics	1 Professor	Planning/International Trade
16.	History	1 Reader	Non-Indian History
17.	Political Science	1 Reader	-
18.	Psychology	1 Professor	Clinical/Industrial Psychology
19.	Sociology	1 Reader	-
20.	Physics & Spectroscopy	1 Professor 1 Tech. Assistant	Exptl. nuclear Physics
21.	Chemistry	2 Reader 3 Lecturers	Chemical Spectroscopy/theoretical Chemistry-1, and Structural in Organic/solid state inorganic Chemistry Chemical Spectroscopy/theoretical Chemistry-1 Solidstate inorganic and/or structural inorganic chemistry-2
22.	Botany	1 Reader 1 Lecturer 1 Electronics Technician-cum-Instrument Mechanic 1 Senior Technical Assistant 1 Driver	Molecular Biology
22.	Zoology	1 Professor 1 Lecturer 1 Technician	Cytogenetics Cytogenetics Electronics
23.	Geology	1 Professor 2 Reader 1 Lecturer 1 Laboratory Technician	Sedimentary environments/ Mathematical geology/ geotectonics/paleontology/ geothermics and photogeology
24.	Geography	2 Reader 1 Map Curator 1 Tech. Assistant	Information & Data Processing and Computer Applications and Statistical Geosciences

*TV and Film Journalism.

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<u>S.No.</u>	<u>Department</u>	<u>Staff</u>	<u>Specialisation</u>	
25.	Geophysics a) Applied Geophysics	1 Professor	-	
		1 Lecturer	-	
		1 Technician	Mechanical cum Driver	
	b) Meteorology	2 Reader	-	
		2 Lecturer	-	
		1 Lab. Tech.	Elect.	
	c) Common facilities	1 Reader	Mathematical Geophysics/ Meteorology	
		1 Lecturer	Communication system and data Processing	
	26.	Mathematics & Statistics	2 Readers	Modern Areas of pure Maths.
	27.	Computer Science Centre	1 Professor	-
2 Reader			-	
2 Lecturer			-	
28.	Centre for Life Science(Conditional)	1 Reader	Biochemistry	
		3 Lecturer	One each in Botany, bio- Chemistry & Zoology	
		1 Technician		
		1 Lab. Asstt.		
		2 Lab. Attendants		
		1 Clerk		
29.	Faculty of Oriental Learning & Theology	1 Professor	Sahitya/Mimansa	
		1 Lecturer	Veda	
		1 Supdt.	Publication	
		1 Research Assistant	-	
30.	Faculty of Music & Fine Arts	1 Professor	Vocal Music	
		1 Reader	Instrumental Music	
		1 Lecturer(Dance)	Bharatnatyam	
		1 Accompanist	Mridangam	
31.	Commerce	1 Professor	-	
32.	Mahila Mahavidyalaya	2 Reader	One each in Sociology, Geography	
		6 Lecturer	One each in Education, Physics, Hindi, Statistics, and two in chemistry	
		1 Professional Assistant	Library	
		1 Lecturer	Urdu	
33.	Evening College	2 Asstt. Librarians		
34.	Central Library	4 Professional Juniors		
			14 Professors, 29 Readers, 32 Lecturers, & 44 others	

Payment will be on the basis of actual expenditure per annum only in respect of posts above, filled from the date of appointment upto the end of 1978-79. Wherever specialisation have been indicated against posts above, no change can be made without prior approval of the Commission.

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Appendix IV to Item No. 12

Guidelines for utilisation of amount realised
from the sale of Books, Equipment, etc.
produced under COSIP-ULP

(A) Text-books and other reading materials produced
and sold under the University Leadership Projects.

- (i) The main purpose for production of such books and other reading materials should be to make them available to students and teachers at as low price as possible and in adequate numbers. The element of profit should be kept to the absolute minimum to take care of the costs involved in storage, distribution and handling etc., and to provide for small amounts to be added to the reserve fund which would enable the activities to be continued even after the formal project and assistance from the UGC has ended. The Committee therefore felt that the selling price of such books should not ordinarily be fixed at more than $1\frac{1}{2}$ times the actual cost of production, to include the cost of paper, printing, binding. The costs for preparation of manuscripts and their testing and evaluation are already provided for in the COSIP budgets. There are also other sources of indirect subsidy in such efforts.
- (ii) The number of copies of the books to be printed should be reasonably estimated keeping in view the number of students using such books within the university and to make available sufficient number of copies to users in the other universities etc., and also the revised editions likely to be brought out.
- (iii) The net profits accruing from the sales should be decided after taking into account the costs of production and distribution and the profit so realised may be used in the following manner:
 - a) 40% to be put in the reserve fund (alongwith the reclaimed costs of production) for taking up production of further reading materials;

- b) 30% to be utilised at the discretion of the coordinator of the project for use in the department for various academic purposes;
- c) The remaining 30% may be distributed to the individual teachers in the universities and colleges who have contributed to the production of the materials. This may be done by the coordinator with the approval of the Vice-Chancellor and the amounts so given to the individual teachers should be used for furtherance of the teacher's academic work. The purposes, for which these amounts may be used by the teachers, would generally be the same as in the case of the contingent grants attached to the research fellowships awarded by the UGC. The maximum amount that may be given to an individual teacher should be determined by the coordinator with the approval of the Vice-Chancellor of the university concerned.

B. Scientific Equipment etc :

The net profits realised could be determined after taking into account the costs of materials involved, any other expenditure not provided in the COSIP Budget but incurred for purposes of production of multiple numbers of the equipment concerned and likely expenditure on storage and distribution. The sale price of the equipment should generally be in the range of $1\frac{1}{2}$ times to 2 times of the cost of production as indicated above.

The net profit so realised by sales may be used in the following manner:

- (a) 40% of the amount may be put into the reserve fund (alongwith reclaimed costs of production) for production of more items of equipment as well as research, design and development of further items of equipment required for furtherance of the objectives of the COSIP.
- (b) 30% may be placed at the discretion of the coordinator to be distributed amongst the persons who have contributed to the design, fabrication and development of the instruments concerned.
- (c) 30% to be used for promoting the academic work of the teachers in the subject, both in the university department and the colleges departments, participating in the programme.

Appendix V to Item No. 31
to the minutes of the meeting
held on 19th July, 1976

Revised

Support Recommended and Approved by the University Grants Commission for the Department of Psychology, Utkal University under special Assistance Programme.

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- (a) 1 Reader in Educational Psychology (he should have a postgraduate degree both in education and in Psychology)
1 Reader with specialisation in Cognitive Growth or children and
- (b) 3 Research Associates may be provided to the Department and they will be associated with specific research projects.
- (c) (i) 4 Senior Research Fellows at any one time.
(ii) 4 Junior Research Fellows at any one time.
- (d) 8 National Scholarships each year (According to the UGC rules 50% of these fellowships are to be earmarked for students coming from outside the state where the university is located. But in this case we recommend that 75% of the scholarships may be earmarked for outside students).
- (e) 6 teachers fellowships each year.
- (f) The department receives a large number of teachers from Indian and other universities. But we understand it has been difficult to consolidate this programme on an institutional basis for want of funds. We recommend a sum of Rs. 30,000/- p.a. for this purpose.
- (h) (i) Administration & Technical Staff Rs. 20,000 p.a.
(ii) Library books and Journals Rs. 25,000 p.a.
(iii) Research & Field work Rs. 25,000 p.a.
(iv) Publications Rs. 20,000 p.a.
(v) Miscellaneous Expenditure Rs. 10,000 p.a.
- (i) Other Items (Non-Recurring)
- | | |
|---|--------------|
| (i) Equipment | Rs. 1,00,000 |
| (ii) Building (space for the departmental library, 2 seminar rooms and space for academic staff) 5000 sq. ft. | Rs. 2,50,000 |
| (iii) Furniture, fixtures & Fittings | Rs. 50,000 |
| (iv) Books and Journals | Rs. 1,50,000 |

Appendix VI to Item No. 32

JABALPUR UNIVERSITY

Fifth Plan allocation approved (University Grants Commission Share)

Spill-over Rs. 2.00 lakhs

Basic Grants:

Books Rs. 3.00 lakhs

Equipment Rs. 5.00 lakhs

New Allocations:

Non Recurring

Books Rs. 15.00 lakhs

Equipment Rs. 17.34 lakhs

Building Rs. 12.20 lakhs

Others Rs. 1.95 lakhs

Visiting Professorship Rs. 1.00 lakh

Recurring

Staff

Professors - 1

Readers - 11

Lecturers - 10

Others - 6

Junior Research Fellowships- 10 (Ten) at any given time to be utilized according to the guidelines laid down by the Commission.

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Annexure I

Allocation for Equipment

Departments

(Rs. in lakhs)

Chemistry	-	4.50
Biological Sciences	-	3.75
Physics	-	4.50
Mathematics	-	1.50
Hindi	-	0.38
Economics	-	0.25
Sociology	-	0.20
Central Library	-	0.75
Health Centre	-	1.13
Central Workshop	-	0.38

17.34

Annexure II.

Books - Rs.15.00 lakhs

Annexure III

Allocation of Buildings.

Departments.

(Rs. in lakhs)

Biological Science	-	3.00
Animal House	-	0.75
Physics	-	3.75
Central Workshop	-	0.50
Overhead tanks for staff Quarters & residential area.	-	1.00
Warden's Quarters. boundary wall, commonroom facilities for the girls' Hostel.	-	1.10
Completion of Library building	-	0.60
Staff Quarters	-	1.50

12.20

Annexure IV.

Others.

Visiting Professorship-	-	1.00
Botanical Garden	-	0.50
Herbarium Museum etc.-	-	0.50
Electrical fans for Boys Hostel	-	0.65
Centre of Study of Regional Development	-	0.30

2.95

Annexure V

Staff

Departments.

Chemistry	2R, 2L, 1Tech & Microanalyst	Reader in Analytical/ 1. Macromolecular Chemistry.
Biological Sciences	1P, 1R, 3L, 2T. A.	
Physics	2R, 2L	Reader in Solid State Physics/ Electronics
Mathematics	1R	Reader in Math. Statistics
Hindi	1R, 1L	Reader in Literature/ Linguistics
Sanskrit	1R	-do-
Philosophy	1L	
History	1R	Reader in Madieval History
Law	1R	
Economics	1R, 1L	Reader in Econometrics/ Planning
Central Workshop	2 Tech	

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Appendix VII to Item No. 33

P.G. Centre, Goa.

Fifth Plan allocation approved (UGC Share),

Spill-over - 0.46 lakhs

Basic Grants:

Books - 1.65 Lakhs

Equipment - 2.10 lakhs

New Allocations:

Non-Recurring

Books - 8.00 lakhs

Equipment - 9.00 lakhs

Building - 14.15 lakhs

Visiting Professorships - 0.50 lakhs

Recurring

Staff

Professors 5

Readers 10

Lecturers 7

Others 6

Junior Research Fellowships - 8 (Eight at any given time to be utilized according to guidelines laid down by the Commission.

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Annexure I

- 1

Allocation for Equipment

Departments.

Physics	-	2.00 lakhs
Chemistry	-	2.00 lakhs
Biological Sciences	-	3.00 lakhs
General	-	1.00 lakh
Workshop	-	1.00 lakh

		9.00 lakhs

Annexure II.

Books	-	8.00 lakhs
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Annexure III.

Allocation for Building.

Departments:

(Rs. in lakhs)

Science Block 1800 Sq. M.	-	3.60
Humanities Block 1800 Sq.M.	-	3.60
Staff Quarters 1800 Sq.M.	-	3.60
Boy's Hostel 300 Sq. M.	-	1.05
Girls Hostel 300 Sq.M.	-	1.45
workshop Shed 150 Sq. M.	-	0.85

		14.15

Annexure IV.

Visiting Professorships	-	0.50 lakh

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Annexure V

Staff

Departments

(I) School of Languages

French and Portuguese 1R French.

(II) School of Humanities & Social Sciences.

History 1R Modern History of Erstwhile Portuguese colonies in Asia and Africa

Economics 1P, 1R P in Development Economics
1L R in Statistics/Econometric
L in Regional Planning.

Political Sciences 1P Development Administration

Sociology 2R Social Change, Sociology of Art and Culture.

(III) School of Physical Sciences.

Physics 1P, 1R
1L, 1T.

Chemistry 1P, 1R, 2L, 1T Professor and Reader in inorganic/Physical/Industrial Chemistry.

Mathematics 1R, 1L

(IV) School of Biological Sciences

1P, 2R, Focus on Biological
2L, 1T. Resources.

(V) Workshop 3T.

5P, 1OR, 7L, 6T

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:
Dated: 19th July, 1976
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 3rd & 4th June, 1976.
- Item No. 2: (a) To approve the action taken on certain matters
(b) To receive the items of information
(c) To receive the statement of proposals which could not be accepted by the Commission.
- Item No. 3: To approve the statement of grants released after the last meeting of the Commission held on 3rd & 4th June, 1976.
- Item No. 4: To receive the statement of expenditure incurred by the University Grants Commission during 1976-77 up to 31st May, 1976. P-1
- Item No. 5: To consider the report of the Visiting Committee appointed by the Commission to assess the Fifth Plan development proposals of Kanpur University. P.2
- Item No. 6: To consider the report of the Visiting Committee appointed by the Commission to assess the Fifth Plan development proposals of Banaras Hindu University. P-3
- Item No. 7: To consider the recommendations of the Committee of conveners of the Panels in the Humanities & Social Sciences made at their meeting held on April 20, 1976 on certain Suggestions made by Professor Daya Krishna, Department of Philosophy, Rajasthan University with regard to implementation of short term projects. P.3-4.
- Item No. 8: To consider the recommendation made by the Committee of the conveners of the Panels in the Humanities and Social Sciences at their meeting held on April 20, 1976 regarding the selection of a few university departments for the participation in the University Leadership Project under College Humanities & Social Sciences Improvement Programme (COHSIP). P.5-8.

- Item No. 9: To consider the recommendation of the Committee of conveners of the Panels in the Humanities & Social Sciences made at their meeting hold on April 20, 1976 regarding review of the policy laid down by the Commission for financial assistance to teachers under the scheme of Support for Advanced Research. P.9-10
- Item No.10: To consider the Report of the Visiting Committee appointed by the University Grants Commission for assessing the proposal of the Cochin University for the introduction of an undergraduate course in Naval Architecture/Ship Technology during the Fifth Five Year Plan. P. 11-19
- Item No.11: To consider the report of the Committee appointed by the Commission to review the working of the correspondence courses at the Meerut University. P.20-30
- Item No.12: To consider the report of the Committee regarding utilisation of the amounts realised from Sale of Books and other materials produced under COSIP - University Leadership Projects. P. 31-36.
- Item No.13: To consider the minutes of the meeting of the Committee appointed to consider the recommendations made at the Joint meeting of the University Grants Commission and the Standing Committee of the Association of Indian Universities regarding the rules to be framed to review the cases of retirement of employees of the Universities at the age of 50 and 55 as proposed by the Government of Orissa. P.37-39.
- Item No.14: To consider the minutes of the Standing Committee on Computer Development meeting held on 12th March, 1976. P. 40-51.
- Item No.15: To consider a proposal received from Professor S. Shukla, Professor of Education, Jamia Millia Islamia, New Delhi regarding provision of travel grant to Scholars for collecting research material from abroad. P.52-53.
- Item No.16: To consider further the question of number of answer books, expected to be examined by the teachers. P.54-55.
- Item No.17: To consider further a note on the implementation of the scheme for development of undergraduate education in colleges. (withdrawn)
- Item No.18: To consider the revised Fifth Plan Development Proposals of Meerut University. P.56-72.

- Item No. 19: To consider the proposal of the Aligarh Muslim University for additional staff for library. P.73-91.
- Item No. 20: To consider the proposal of the Nagpur University for a grant on the occasion of its Golden Jubilee. P. 92-93.
- Item No. 21: To consider the proposal of the Poona University (Deccan College Postgraduate and Research Institute) for further excavations at Inamgaon and Somnath. P.94-98.
- Item No. 22: To consider further the proposal of the Utkal University for Change in the Specialisations for the post of Readers approved for the Fifth Plan period. P.99-101.
- Item No.23: To consider the proposal of Kohima Science College, Kohima for financial assistance under Rs.5.00 lakh Scheme in relaxation of eligibility condition of minimum enrolment in degree classes. P. 102-103.
- Item No. 24: To consider certain establishment matters of the University Grants Commission.
- Item No. 25: To note the date and place for the next meeting of the Commission.
- Any other item.

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Kapahi

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Dated : Meeting :
19th July, 1976
Time : 10.00 A.M.
Place : UGC Office, New Delhi.

A G E N D A

- Item No.26 To consider further the Scheme of appointment of Professor of Eminence in Universities- P.104-109
- Item No.27 To consider the recommendations of the Committee appointed by the University Grants Commission to examine the proposal of Punjabi University, Patiala for the continuation of Scholarships for post-M.Sc./B.E. Diploma Courses in Electronics & Television Engineering & Space Sciences. P-110-122.
- Item No.28 To consider a proposal on Teachers Training Programme in English. P. 123-126.
- Item No.29 To consider the proposal of the department of Ancient History, Culture and Archaeology of the Allahabad University for participation in the Programme of Centres of Advanced Study/ Departments of Special Assistance. P.127-153.
- Item No.30 To consider the proposal of the department of History of the M.S. University of Baroda for participation in the programme of Centres of Advanced Study/Departments of Special Assistance- P.154-160.
- Item No.31 To consider the proposal of the Psychology Department of the Utkal University for participation in the programme of Centres of Advanced Study/ Departments of Special Assistance. P.161-177.

SLK

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting :

Dated :

19th July, 1976

Place :

UGC Office, New Delhi.

A G E N D A

- Item No. 32 To consider the report of the Fifth Plan Visiting Committee for the University of Jabalpur. p.178-181.
- Item No. 33 To consider the recommendations of the Committee for the development of the Post-graduate Centre, Goa in Fifth Plan.p.182-193.
- Item No. 34 To consider further the report of the Committee appointed by the Commission to examine the proposal of Andhra University for the organisation of a course in Space Science and Research. p.194-231.
- Item No. 35 To consider the report of the Review Committee appointed by the Gujarat University for the Survey of Facilities and organisation of Post-graduate teaching in its affiliated Colleges.p.233-237.

SLK

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

....

Minutes of the 180th meeting of the University Grants Commission held on June 3-4, 1976 at Simla.

The following were present:

Professor Satish Chandra	-	Chairman
Professor B. Ramachandra Rao	-	Vice-Chairman
Shri K.N. Channa	-	Member
Professor R.P. Bambah	-	Member
Professor S.S. Saluja	-	Member
Professor(Miss) A.J. Dastur	-	Member
Professor S. Gopal	-	Member
Professor J. B. Chitambar	-	Member
Professor Maqbool Ahmed	-	Member
Professor B. M. Udgaonkar	-	Member
Dr. Chandran D.S. Devanesan	-	Member
Shri R.K. Chhabra	-	Secretary

Dr. Ajit Mozoomdar expressed his inability to attend the meeting.

SECRETARIAT

Dr. D. Shankar Narayan - Addl. Secretary

The Chairman and members welcomed Professor B. Ramachandra Rao who had assumed the office of the Vice-Chairman of the Commission.

Item No. 1: To receive the minutes of the meeting of the Commission held on 29th April 1976.

...

The minutes of the 179th meeting of the University Grants Commission held on April 29, 1976 were confirmed subject to the following:

Item No.6: The words 'new areas' in the last sentence (para v) may be deleted.

Item No.7: Annexure IV to Appendix V.

The specialization for the creation of two posts of Readers in the Department of Physics may be "Experimental Solid State/Theoretical Solid State/Bio-physics."

Item No.9: The third sentence may read as:
sub-para(ii)

"These fellowships will be normally available to those departments which have already made some provision for teaching and/or research in this area."

Sub-para(iii)The first sentence may read as:

"A non-recurring grant of Rs.25,000 may be made available to some selected university departments which have already undertaken studies and research in the history of science and technology."

Item No.27 The last paragraph may read as :
Appendix VII

"A candidate who has obtained 60% marks at Higher Secondary/Pre-University/Intermediate and 50% at the degree level would have an average of 55% and as such could be considered".

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

(b)To receive the items of information.

(c) To receive the statement of proposals which could not be accepted by the Commission.

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

(b) This was noted.

(c) This was noted.

Item No.3: To approve the statement of grants released after the last meeting of the Commission held on 29th April 1976.

.....
The Commission approved the grants released after the last meeting of the Commission held on 29th April 1976.(Appendix II*).

Item No.4: To receive the statement of expenditure incurred by the University Grants Commission during 1976-77 upto 30th April 1976.

.....
This was noted.

1*Not enclosed

Item No.5: To receive a statement indicating the progress of issue of utilisation certificates during the period ending 30th April 1976.

.....
This was noted.

Item No.6: To consider the budget estimates of the University Grants Commission for 1976-77.

.....
The Commission generally accepted the budget estimates of the University Grants Commission for 1976-77 under Plan as per Appendix III*. It was noted that reappropriations will be possible, from one head to another depending upon the progress of expenditure under different schemes. This would also be reflected in the revised estimates to be placed before the Commission in October/November, 1976.

The Commission while noting the progress of expenditure incurred in the implementation of the different schemes during the last two years, expressed its concern particularly regarding the slow progress of expenditure in respect of development programmes of the State universities and desired that the State Governments may be requested to facilitate speedy implementation of the programmes accepted by the Commission.

It was further agreed that the North Eastern Hill University and the University of Hyderabad may be requested to prepare their plans for the Fifth Plan period within a ceiling of Rs.6 crores in two priorities, the first priority of Rs.4 crores and second priority of Rs.2 crores. The first priority indicated would include the schemes already accepted and the grants paid to the university so far during the current plan period.

Item No.7: To consider the recommendations of the Science Research Council.

.....
This was noted. The Commission was apprised of the action already initiated in respect of the recommendations made by the Science Research Council.

It was further observed that:
(i) the Committee to suggest a pattern on which the Central Instrument Laboratories may be set up may consist of the following:

1. Prof. B. Ramachandra Rao - Vice-Chairman
2. Prof. B.M. Udgaonkar
3. Prof. M. Ramakrishna Rao
4. Prof. V.L.S. Bhimasankaran
5. Prof. B.L. Saraf
6. Prof. J. Jayaraman.

*not enclosed

- (ii) the preparation of lists of equipment required for teaching upto M.Sc. may be done with the help of the subject panels who may take into account any suggestions which may be received from learned societies and individuals to whom the letters have already been addressed.
- (iii) it was noted that the Ministry of Education has already set up panels for preparing manpower estimates and therefore it may not be necessary for the U.G.C. also to initiate action to establish linkages with the Planning Commission for this purpose.
- (iv) in respect of collaborative research programmes to be taken up by more than one institution, the Commission may provide seed money for purposes of preparation of suitable projects in consultation with the subject panels concerned.
- (v) while agreeing in principle to the institution of career awards, it was suggested that the details and mechanism of making these awards may be worked out and brought up before the Commission. The scheme of career awards be extended to include humanities and social science subjects also.
- (vi) the Commission desired that in the winter school, to be organised in the subject of Futurology and Technology-Forecasting, a few social scientists may also be invited to participate.
- (vii) in connection with the survey of the Ph.D. theses in various science subjects, it was desired that the universities be requested to make available to the Commission the following information for the last three years:
- a (a) Title of the thesis accepted and brief abstract.
 - (b) Reports of the examiners including any revision made as a result of the suggestions made by the examiners.
 - (c) Publications arising out of the theses accepted.

The above information would enable a subject-wise analysis of the theses accepted by the universities. Similar work may be undertaken in respect of the theses in humanities and social science subjects and also engineering and technology.

- (viii) it would not be necessary for the Commission itself to either become an institutional member for research journals or to assist by subscribing to the journals for all colleges in the country.

(ix) The Panels may be requested to prepare a list of research journals which may be subscribed by the postgraduate colleges.

Item No.8: To consider collaboration with National Aeronautical Space Agency-First Spacelab Mission.

....

This was noted.

Item No.9: To consider a proposal from the Government of India, Department of Science and Technology, for the establishment of Chairs in Universities in the name of Aryabhata.

.....

It was agreed that the universities which have well-established Departments in Physics and Mathematics may consider, if they do desire, naming any of the existing Chairs in the subjects after 'Aryabhata.'

Item No.10: To receive the minutes of the meeting of the Committee appointed by the Commission for promotion on Wild Life Studies in the universities and action proposed to be taken to organise a Workshop.

....

This was noted.

Item No.11: To consider further the matter relating to framing of code of conduct for teachers by universities as recommended by the "Sen Committee on Teachers."

.....

The Commission desired that the universities be advised that the code of conduct for teachers be prepared after consulting the relevant academic bodies of the university.

It was further agreed that the Chairman may appoint a Committee to examine the code of conduct framed by different universities and State Governments either as part of the revision of scales of pay or otherwise.

p.t.o.

Item No.12: To consider further the question of payment of remuneration to teachers for invigilation work/examination work of private students and of correspondence courses.

....

The Commission considered the suggestions made by the Government of India regarding the payment of remuneration to teachers for examination work of correspondence courses and private candidates and observed as follows:

- (1) The question of minimum number of scripts to be evaluated beyond which payment may be made in respect of students appearing through correspondence courses as well as the question of payment in respect of conduct of practical examination in respect of private students may be further examined and placed before the Commission.
- (2) The teachers who examine the scripts of the students of various universities other than their own may be permitted to receive remuneration as prescribed. No payment may be made to teachers for doing invigilation work for correspondence and private candidates during the term time but if teachers are required to do this work during the vacation, they may be paid appropriate travelling allowance/conveyance allowances as per university rules.
- (3) The Commission could not agree with the decision of the Government of Haryana that the teachers of the universities in Haryana shall not accept examination work from universities or colleges situated outside the State. There should be no objection accepting such examinership and also the remuneration to be received for this purpose.
- (4) The teachers who are requested to undertake secrecy work such as giving of fictitious roll numbers and other incidental work related to examinations may be paid for such work.
- (5) The Commission was of the view that the guidelines already laid down for remuneration for examination work for teachers may be followed irrespective of the fact whether the scales of pay have been revised or not.

Item No.13: To consider a note on the selection of teachers in universities and degree colleges in Uttar Pradesh by the University Service Commission.

....

The Commission was of the view that the U.P. Government may be advised that, in the first instance, the proposed University Service Commission may concern itself with recruitment of teaching staff for the colleges only. Recruitment of teachers in the university departments may continue to be made as at present.

Item No.14: To consider the question of payment of travel expenses to teacher fellows selected under the Faculty Improvement Programme of the Commission.

....

The Commission agreed that the financial and other provisions in respect of teacher fellowships under the Centres of Advanced Study/Departments of Special Assistance may be the same as in the case of general faculty improvement programme. Teacher fellows under the scheme may also be paid an allowance to cover travel once each way, at the time of joining the course and completion of the course in accordance with the rules of the parent institution.

Item No.15: To consider the question of reviewing the policy of awarding scholarships at the honours and Masters degree level in Arabic, Persian, Sanskrit, Pali & Prakrit.

....

The Commission agreed that scholarships for further studies in Arabic, Persian, Sanskrit, Pali and Prakrit may be continued only in respect of Masters degree course. It would not be necessary to provide for such scholarships at the first degree level. It was further agreed that the scholarships available for Sanskrit and allied subjects may include Ardhmagadi also and that not more than 50% of the scholarships may be given for Sanskrit students and the remaining be given to students studying the other allied subjects i.e. Pali, Prakrit and Ardhmagadi.

Item No.16: To consider the question of reviewing the allocation for the development schemes for the colleges affiliated to Delhi University.

.....
Consideration of this was postponed.

Item No.17 : To further consider the proposal of the Utkal University for change in the specialisations for the posts of Readers approved for the Fifth Plan period.

.....
Consideration of this was postponed.

Item No.18: To consider the proposal of the Panjab University, Chandigarh for financial assistance towards the introduction of M.A. courses through correspondence.

.....
The Commission agreed to the Panjab University starting postgraduate courses through correspondence in English, Public Administration, Economics, Political Science and History. The Commission could not agree to the payment of honorarium to the existing staff but desired that additional staff may be appointed if required as indicated in the guidelines for starting such courses. The Commission's assistance towards these courses would be in accordance with the guidelines.

Item No.19: To consider the proposal of the Poona University for naming the Women's Hostel as Smt. Savitribai Phule Ladies Hostel.

.....
The Commission accepted the proposal of the Poona University for naming the Women's Hostel as Smt. Savitribai Phule Ladies Hostel.

Item No.20: To consider the proposal of Jammu University regarding waiving of the conditions laid down for publishing the learned research works in India under the scheme of assistance for publication of learned/research work including doctoral theses during the Fifth Plan period.

.....
The Commission agreed that the universities, if they so desired, may utilise a sum not exceeding 15%

of the publication grant available to it for purposes of giving subvention to research papers published in journals either within India or abroad.

Item No.21: To consider the proposal of Mysore University for the publication of a book entitled the "Flora of Mysore Distt."

...

The Commission desired that the proposal of the Mysore University for the publication of a book entitled "The Flora of Mysore District" may be recommended to the National Book Trust for assistance under the scheme of subsidised publication.

Item No.22: -To consider the proposal of the Madras University for financial assistance towards the setting up a Department of Criminology.

....

The Commission noted that the University of Madras had sent up a number of proposals after the Commission had conveyed its approval for schemes recommended by the Visiting Committee within the allocation available to the University of Madras. The Commission, therefore, desired that the University may be requested to send for consideration of the Commission a comprehensive plan relating to supplementary proposals which it wishes to take up within the Fifth Plan.

Item No.23: To consider the proposal of Aligarh Muslim University for assistance for the extension of Geography Department building.

....

The Commission accepted the proposal of the Aligarh Muslim University for provision of Rs.3 lakhs for extension of Geography Department building. It was further desired that the University may be requested to indicate the adjustments proposed to be made for this purpose within the allocation for non-recurring items already agreed to.

Item No.24: To consider further the terms to be adopted for delivering the Memorial Lectures at universities.

....

The Commission agreed that in view of the interest earned from the endowment instituted by the Government

of India for Dr. Zakir Hussain Memorial Lectures and Dr. Ambedkar Annual Memorial Lecture, the following terms may be adopted:

- (a) Honorarium payable to the guest lecturers-Rs.5,000.
- (b) Out of the balance money of Rs.5,000 available, the University may incur actual expenditure on travel of the guest lecturer and utilise the balance available for purposes of publication of the lectures and also any contingent expenditure for organization of the lectures.

Item No.25: To consider the report of Visiting Committee appointed by the Commission to assess the V Plan proposals of Agra University.

....

The Commission noted the observations made by the Visiting Committee which assessed the Fifth Plan proposals of the Agra University. The Commission, therefore, desired that the question of organisation of teaching and research in Agra University (also in Kanpur University whose report is still awaited) may be examined further by a committee of experts. The Commission could not agree to either the colleges of Agra University or the Institutes maintained by the Agra University to start M.Phil. courses until such time the concept of academic centres and the question of initiating teaching in the university has been considered by the expert committee referred to above.

Item No.26: To consider the report of the Visiting Committee to assess the V Plan proposals of K.S. Darbhanga University.

....

The Commission considered the report of the visiting committee appointed to assess the Fifth Plan requirements of the K.S. Darbhanga Sanskrit University and generally accepted the recommendations subject to the following:

- (i) The University may be encouraged to strengthen its teaching and research on the traditional pattern in subjects of Sanskrit and related areas. The University may not institute M.A. or any other similar nominal degrees given by other universities.
- (ii) The Commission could not accept the recommendation with regard to starting of a Department of Ancient Indian History and Sociology (Prachin Itihas Samskriti Purana Evam Samajshastra Vibhag) and teacher education department (Shiksha).

(iii) The University may be encouraged to provide facilities for teaching of English as well as other foreign languages particularly German and Russian in collaboration with the other universities in the area.

(iv) Provision may be made for appointment of four Professors in the subjects of (i) Veda and Dharamshastra Bhasha, (ii) Vijnan and Vyakaran, (iii) Darshana and (iv) Sahitya and Alankar, one Reader in Bhasha Vyana and Vyakaran and three other staff as recommended by the Visiting Committee. The University may obtain prior concurrence of the Commission in respect of appointment of Professors and Reader with regard to the qualifications prescribed for recruitment for these posts.

(v) The Commission accepted the other recommendations made by the Committee as given in Appendix IV.

Item No.27: To consider the report of the Visiting Committee appointed by the Commission to assess the V Plan proposals of Banaras Hindu University.

.....
As the report of the Visiting Committee was not available, the consideration of this was postponed.

Item No.28: To consider the report of the Visiting Committee to the South Delhi Campus of Delhi University.

.....
The Commission considered the report of the Visiting Committee to the South Delhi Campus of Delhi University and desired that the report may be sent to the University and it be requested to prepare in the first instance, detailed academic programmes which it would like to introduce in the South Delhi Campus in the light of the recommendations made by the Committee.

The Commission could not agree to the South Delhi Campus instituting M.Phil. course at this stage, and also felt that postgraduate courses should not be instituted in the Campus which would not attract sufficient number of students.

The Commission noted that a grant of Rs.45,30,240 has already been paid to the Delhi University for the

land of South Delhi Campus and agreed to provide assistance for the development of the land, construction of teaching block and library and the provision of books as recommended by the Visiting Committee.

Item No.29: To consider again the report of the Visiting Committee for the Postgraduate Centre, Panaji, Goa.

...

It was agreed that the report of the Visiting Committee which assessed the Fifth Plan requirements of the Postgraduate Centre, Panaji-Goa may be referred to a sub-committee including Prof. B.M. Udgaonkar and Prof.(Miss) A.J. Dastur which may be requested to make recommendations with regard to the lines of development of the Postgraduate Centre keeping in view the local needs and the allocation available.

Item No.30: To consider the report of the expert committee appointed by the Commission to examine the additional requirements of computer centre of Sardar Patel University.

....

The Commission accepted the recommendations made by the Committee with regard to the additional needs of the computer centre at Sardar Patel University as given below:

- (i) Rs.1.5 lakhs for purposes of either purchase of an on line printer or for hiring the same as suggested by the committee.
- (ii) A sum of Rs.40,000 each for purchase of a punching machine and verifier.
- (iii) Enhancement of annual recurring grant from Rs.75,000 to Rs.1.20 lakhs subject to the condition that this may be revised on the basis of norms for staff etc. to be suggested by the Computer Committee.

Item No.31: To note the date and place for the next meeting of the Commission.

...

It was noted that the next meeting of the Commission will be held on July 19,1976, in New Delhi.

Item No.32: To consider the proposal of the Jawaharlal Nehru University for setting up of a Cell in the Field of Futurology in the Centres for the Study of Science Policy/regional development and social systems.

...

It was agreed that the proposal of the Jawaharlal Nehru University for setting up a Cell in the field of Futurology in the Centres for the Study of Science Policy/Regional Development and Social Systems may be considered after the recommendations of the seminar proposed to be organised on the subject are available (Item no.7).

Item No.33: To consider a proposal from Visva Bharati for instituting the programme for Visiting Fellowship from July 1976.

....

The Commission agreed in principle, as part of the Fifth Plan proposals of Visva Bharati, to the institution of five visiting fellowships for one year in the first instance and that the position may be reviewed along with the other fifth plan proposals of the University. Payment to the visiting fellows would be in accordance with the conditions already agreed to by the Commission (Item No.24 dated April 29, 1976). The Visva Bharati may also be requested to indicate the nature of the academic activities expected to be assigned to the visiting fellows.

Item No.34: To consider the proposal for academic collaboration between Indian Institute of Science, Bangalore, (Central Instrument and Service Laboratory) and University of Hull (U.K.) under Indo-British Universities Collaboration programme.

....

The Commission accepted the detailed programme worked out for academic collaboration between Indian Institute of Science, Bangalore (Central Instrument and Services Laboratory) and the University of Hull (U.K.) under Indo-British Universities Collaboration Programme, and agreed to provide assistance for the visits of the staff as envisaged in the report and also for institution of one senior fellowship.

Item No.35: To consider student Welfare Programmes in universities and colleges.

....

The Commission noted the present position of assistance given to the universities and colleges under the student welfare programme and agreed as follows:

- (a) Assistance may be provided to colleges having enrolment of 1,000 students and above (excluding pre-university/intermediate) for setting up Health Centres.
- (b) Assistance may be provided to the universities and colleges having an enrolment of 1,000 students and above (excluding PUC/Intermediate classes) for setting up Canteens and Cafeterias including furniture and equipment.
- (c) The scheme for student aid fund may be continued during the academic year 1976-77 on the same basis as during 1975-76.

Item No.36: To consider the proceedings of the meeting of Committee on Foreign Languages.

....

This was noted.

Item No.37: To consider a note on the implementation of the scheme for development of undergraduate education in colleges.

....

The Commission desired that this may be brought up again along with the information regarding the present stage of implementation of Rupees five lakhs scheme in colleges in different universities. The Commission, however, agreed that in the case of the colleges which have a student enrolment, and staff of 50% more than the prescribed eligibility conditions, the proposals may be considered for the total of Rs. five lakhs instead of limiting them to Rs. 3 lakhs in the first priority.

The universities may be requested to identify one or two colleges in each district which could be assisted and developed as envisaged by the Commission in the present plan period. Such colleges could be given, wherever necessary, additional assistance upto Rs. 3 lakhs on 75:25 sharing basis.

In respect of proposals accepted under the Rupees five lakh scheme, instalments of grants may be paid on the basis of progress of expenditure incurred on agreed sharing basis and also keeping in view that the colleges are kept in funds for implementation of schemes accepted by the Commission.

In regard to the building projects, the colleges may be requested to intimate in the first instance the total area to be constructed and the estimated cost. The plans and detailed estimates duly certified by the P.W.D. may be supplied after the proposals have been accepted by the Commission.

Item No.38: To consider the recommendation of the Committee of Vice-Chancellors of Central Universities regarding mechanics for posts for members of Scheduled Caste/Scheduled Tribes for recruitment to the posts of Lecturers in the universities and colleges.

....

The Commission could not accept the recommendations made by the Committee of Vice-Chancellors of Central Universities regarding the mechanics suggested for recruitment of scheduled castes and scheduled tribes^s candidates for the post of Lecturers in the Central Universities and Colleges. It was agreed that the Central Universities be requested to observe the following mechanics and to ensure the reservations for scheduled castes and scheduled tribes as originally envisaged by the Commission:

- (1) Before the beginning of each academic year, the University should determine the likely vacancies that may occur during the year for recruitment to the post of Lecturers.
- (2) The number of posts to be filled under the reserve category may be determined faculty-wise, although no individual post may be designated as "reserved post." The advertisement for these posts should indicate that preference would be given to scheduled castes/scheduled tribes candidates who are considered fit. On receipt of applications, the university may invite for interview all scheduled caste/scheduled tribe candidates who fulfil the minimum qualifications prescribed for recruitment for the post of lecturer.

(3) The candidates belonging to the scheduled castes and scheduled tribes may be interviewed separately in the first instance. The candidates belonging to the general category may then be interviewed separately keeping in view the recommendations made by the selection committee in respect of scheduled tribes/scheduled castes candidates.

(4) In the case of scheduled caste/scheduled tribe candidates interviewed by the committee, if suitable candidates are not available for appointment to the post of lecturers, the selection committee may recommend appointment of suitable candidates as research associates in the scale of Rs.700-1300 for a period upto three years and these persons could later compete for the post of lecturers as and when vacancies occur. The recommendations made by the selection committee in this regard for appointment as research associates may be sent to the Commission for consideration.

The Commission desired that all universities be advised that the recruitment to the teaching posts as far as possible should be finalised before the beginning of the academic year.

Item No.39: To consider the report of the Visiting Committee appointed by the Commission to assess the V Plan proposals of the Indian School of Mines, Dhanbad.

...

The Commission considered the report of the Visiting Committee appointed to assess the Fifth Plan proposals of Indian School of Mines, Dhanbad, and generally accepted the recommendations made by the Committee. The financial implications of the recommendations as accepted are given in Appendix V.

It was further desired that the requirements of the School for non-teaching staff and revision of constitution of different bodies may be examined separately as suggested by the Visiting Committee.

Item No.40: To consider the report of the Committee on linking education and work experience/field work/practical experience.

....

This was noted. It was agreed that the report of the Committee may be circulated to the universities and any proposals received may be considered under the

scheme for re-structuring of courses at undergraduate level.

Item No.41: To consider proposals of (1)the Bombay University to include the Anjuman-i-Islam Urdu Research Institute, Bombay and of (2)the Marathwada University, Aurangabad, to include the Institute of Science, Aurangabad, both of which are recognised institutions of the universities concerned, under section 2(f)of the UGC Act.

.....

The Commission could not agree to the inclusion of Anjuman-i-Islam Urdu Research Institute, Bombay and the Institute of Science, Aurangabad under section 2(f) of the UGC Act.

Item No.42: To consider the question of revision of pay scales of academic posts other than Professors, Readers and Lecturers in Central Universities.

.....

The Commission accepted the recommendations of the Committee regarding the revised rates for payment of honorarium to part-time teachers and the conditions attached thereto in the Central Universities and Colleges consequent upon the revision of scales of pay, as given in Appendix VI.

In this connection, the Commission desired that the universities may be requested to indicate the number of part-time teachers appointed by them subject-wise in the university departments and the colleges.

Item No.43: General discussions on the V Plan policies and programmes of the University Grants Commission.

.....

The Commission generally reviewed the progress made in respect of its V Plan programmes during the past two years.

Points arising out of the discussions are given in the note at Appendix VII.

(R. K. CHHABRA)
SECRETARY

(SATISH CHANDRA)
CHAIRMAN

Appendix IV to the minutes of
UGC Meeting held on 3-4th June,
1976 (Item No.26)

K.S. Darbhanga Sanskrit University

Schemes approved during V Plan (All figures
are in lakhs of rupees and represent UGC Share).

1. Basic grant for books	1.00
<u>New Schemes (Non-Recurring)</u>	
2. Books and Journals	2.55
3. Equipment	1.20
4. Building	8.00
5. Miscellaneous Schemes	2.80
	<hr/>
Total	15.55

Recurring

- A) Posts of 4 Professors 1 Reader and 3 Technical Assistants
- B) Five Junior fellowships of the value of Rs.400/- p.m.
at any given time to be operated as per UGC rules.

Details are given in Annexure I to IV.

ANNEXURE-I

K.S.D. SANSKRIT UNIVERSITY, DARBHANGA

GRANTS APPROVED FOR BOOKS AND EQUIPMENT
DURING THE FIFTH PLAN PERIOD (ALL
FIGURES ARE IN LAKHS OF RUPEES AND
REPRESENT UGC SHARE).

S. Department No.	Books & Journals	Equipment & Implements
1. Veda & Dharamshastra	0.20	0.10
2. Jyotisha	0.20	0.10
3. Bhasha Vijnan & Vyakarana	0.25	0.50
4. Darshan	0.20	-
5. Sahitya & Alankara	0.25	-
6. Kendriya Pustakalaya (Micro filming Unit)	1.45	0.50
Total	2.55	1.20

ANNEXURE-II

K.S. DARBHANGA SANSKRIT UNIVERSITY; DARBHANGA

Grants approved for Building/
Furniture during the Fifth Plan period
(All figures are in lakhs of rupees and
represent UGC share).

S.No. Item

1. Students Hostel	2.00
2. Teachers' Quarters	2.00
3. Extension of existing hostel and improvement of facilities.	0.50
4. Canteen building	0.50
5. Health Centre Building/Equipment	0.50
6. Library Building	2.50

Total: 8.00

ANNEXURE-III

K.S. Darbhanga Sanskrit University, Darbhanga

Grants approved for Miscellaneous Schemes during the Fifth Plan (All figures are in lakhs of rupees and represent UGC Share).

S.No.	Item	
1.	Survey, Collection preservation/ manuscripts.	0.50
2.	Publication of Rare Manuscripts/ Sanskrit Texts.	1.00
3.	Visiting Faculty	0.20
4.	Utilisation of services of eminent traditional scholars.	1.00
5.	Faculty Improvement	0.10
		<hr/>
		2.80
		<hr/>

Annexure IV

K.S. Darbhanga Sanskrit University, Darbhanga

Staff approved during the V Plan period

<u>Sr. No</u>	<u>Department</u>	<u>Post</u>
1.	Veda & Dharmashastra	1 P
2.	Bhasha Vijnan & Vyakaran	1 P 1 R in Bhasha Vijnan 1 Tech Asst. for Lang Lab.
3.	Darshana	1 P
4.	Sahitya Alankara	1 P
5.	Kendriya Pustakalaya	2 Tech. Posts 1. Cataloguer. 2. Tech. Asst. for Micro-filming unit.

4 P, 1 R 3 Tech. Asstt.

P= Professor

R= Reader

Tech.P= Tech. Posts.

Appendix V to (Item No.39)
Minutes of UGC Meeting held
on 3-4th June, 1976

Indian School of Mines, Dhanbad

Schemes accepted by the U.G.C. for V Plan period.

A. Non-Recurring

<u>S.No.</u>	<u>Item</u>	<u>Amount approved</u> Rs. in lakhs
1.	Liability of the IV Plan (Books & Equipment)	7.42
2.	Commitments made before the report of the Visiting Committee (Buildings)	66.00
3.	Books, Furniture etc. for the Library.	8.00
4.	Equipment	41.50
5.	Building	168.45

B. Recurring

1.	Staff	11 Professors, 11 Asstt. Professors 12 Lecturers and 25 other posts.
2.	Fellowships	SRF-9, JRF-16
3.	Research Contingencies.	Rs.4.80 (for three years)

N.B.: - Details are given in Annexures I to III.

Annexure -I

Staff approved during V Plan period

<u>S.No.</u>	<u>Department</u>	<u>Posts</u>	<u>Specialisation</u>
1.	Mining	3P	One each in mine system design, open-cast and mine survey.
		3P 5L	
2.	Applied Geology	1P 2AP 1 SRA 1 Section Cutter 1 T.A.	Engg. Geology One each for ore and Coal Geology
3.	Applied Geophysics	1P 1L	
4.	Engg. and Mining	2P	One each for drilling Engg. and Mining Machine.
		3AP 5L 1T.A.	
5.	Chemistry Fuels & Metallurgy	1P 2A.P.	Coal Preparation One each in mineral preparation and Chemistry.
6.	Physics & Maths	2P	One each in Maths. and Electronics.
7.	Languages & Humanities	1L 1 Lib.Asstt.	
8.	Executive Dev. Centre	1P 1A.P.	
9.	Central Workshop	1 Astt. Workshop Supdt. 2 Foreman Instructors 1 S.T.A. 1 T.A. 4 Electricians/Mechanics.	

10. C.I.S.C.	1 Electronics Engineer
	1 S.F.A.
	1 Glass Blower
11. E.D.P. Facilities	1 Punch Operator
12. Library	1 Asstt. Librarian
	1 Prof. Asstt.
	1 T.A. (Reprography)
	1 Cataloger
	2 Lib. Assistants
	1 Lib. Attendant

Annexure II

Fellowships & Research Contingencies

S. Department No.	Fellowships		Research Contingencies (including field work) for three years. Rs. in lakhs
	SRF	JRF	
1. Mining	1	2	1.50
2. Petroleum Tech.	1	2	0.30
3. Applied Geology	2	4	0.75
4. Applied Geophysics	1	2	0.60
5. Engg. & Mining Machinery	2	2	0.45
6. Chemistry - Fuels & Metallurgy	1	2	0.60
7. Physics & Maths	1	2	0.60
	<hr/>	<hr/>	<hr/>
	9	16	4.80
	<hr/>	<hr/>	<hr/>

Annexure -III

BUILDINGS AND EQUIPMENT

<u>S.No. Department</u>	<u>Buildings</u>	<u>Equipment</u>
	Rs. in lakhs	
1. Mining	25.00	9.00
2. Petroleum Tech.	3.75	2.75
3. Applied Geology	7.50	4.00
4. Applied Geophysics	1.50	5.00
5. Engg. & Mining Machinery	22.50	6.00
6. Chemistry	1.50	3.00
7. Physics & Mathematics	-	5.00
8. Languages & Humanities	1.50	1.60
9. Central workshop	5.00	3.00
10. C.I.S. Centre	1.50	1.15
11. E.D.P. Facilities	-	1.00
12. <u>General</u>		
i) Hostel	17.00	-
ii) Health Centre	5.00	
iii) Gymnasium	3.00	
iv) Stadium	0.70	
v) Swimming Pool	5.00	
vi) Renovation/Alteration of existing hostel	3.00	
vii) Guest House	5.00	
viii) Staff Quarters	60.00	
Total	<u>168.45</u>	<u>41.50</u>

Appendix VI to the minutes of
U.G.C. Meeting held on 3-4th
June, 1976 (Item No.42)

Terms and Conditions of appointment of Part-time teachers in Central Universities.

1. Part-time teachers may be appointed only under exceptional circumstances against sanctioned posts.
2. The qualifications for part-time teachers be the same as those prescribed for the regular teachers of the University.
3. The procedure followed by the university for making temporary faculty appointments in the university may be followed for appointing part-time teachers.
4. Part-time teachers may be appointed initially for a period not exceeding one academic term which could be renewed after each term with the total tenure of appointment of an incumbent not exceeding 5 years.
5. Part-time teachers be appointed on the same basis as for temporary teachers and not on permanent basis. They may be paid honorarium in relation to their work-load per week as indicated below:-

<u>Working load per week</u>	<u>Honorarium</u>
3-6 hours per week	Rs.500/- p.m.
7-10 -do-	Rs.750/- p.m.
6. Part-time teachers may not be given the benefit of provident fund, pension etc. normally given to regular teachers of the university. They may, however, be given leave benefits as those given to the teachers appointed on a temporary basis.
7. Part-time teachers may not be treated like regular members of the faculty for the purposes of voting rights or for becoming the members of the Boards of Studies.
8. Persons more than 60 years of age should not be appointed as part-time teachers.

9. Joint appointments may be made in the case of teachers of one central university participating in the teaching and research programmes of other central universities. Teachers of one central university may not be appointed as part-time in other central universities. Their participation may, however, be encouraged under the scheme of visiting teacherships.
10. Teachers from other institutions/universities may be encouraged to participate in the teaching/research activities of the central universities under the scheme of visiting teacherships.
11. The number of part-time appointments should be kept to the barest minimum.

SCC

Appendix VII to Item No.43 of the
minutes of the meeting of the
U.G.C. held on June 3-4, 1976.

Initiating the discussion, the Chairman referred to the annual report of the U.G.C. for 1973-74 and the draft report for 1974-75, which gave an account of the various policies and programmes undertaken in the field of higher education by the U.G.C. during the V Plan period. He also referred to the items considered by the Vice-Chancellors' Conference on September 30-October 1, 1975, wherein the Conference had generally endorsed the policies, programmes and procedures for implementation of various programmes for higher education by the U.G.C. in universities and colleges. Subsequently, the Visiting Committees had been appointed to examine and make necessary recommendations with regard to V Plan development schemes to be taken up by the universities.

The Chairman also referred to the work of the Planning Sub-Group which had been set up in the last year of the IV Plan period and which had estimated the requirements for higher education to about Rs.462 crores and subsequent revision of these proposals to about Rs.250 crores. The Ministry of Education, however, had indicated a provisional allocation of Rs.210 crores which included a provision of Rs.30 crores for support of research including R&D projects and excluding provision for engineering and technology development programmes. While the Commission has gone ahead with plans for utilisation of Rs.210 crores, negotiations are still in progress with regard to the likely final allocation for the V Plan of the U.G.C. and mobilisation of resources for creation of infra-structure facilities for enabling the universities to take up R&D projects identified in the National Science and Technology Plan.

In accordance with the suggestions made by the Planning Group and accepted by the Commission, the programmes of the U.G.C. had been planned on the basis of about 2/3rd of the plan allocation to be spent on general development of facilities in the universities and colleges and the balance of 1/3rd to be spent on special programmes including support for research to be initiated by the Commission. However, in view of the resources position, it had been possible for the Commission to accept, in the first instance, only schemes which required upto 2/3rd of the amount recommended by the various Visiting Committees for the V Plan proposals of the universities. It was hoped that if the resources position were to improve, it may be possible to provide assistance to the universities to implement the schemes included in the other 1/3rd part of the Visiting Committee

recommendations, in particular assistance for books and equipment.

The Chairman referred to a suggestion made with regard to the inadequacy of time available to the Visiting Committees to get a detailed picture of the programmes and facilities of the individual departments and the need for special Committees to visit universities and to prepare plans for a balanced development of the subjects in different universities. In this connection, the Chairman pointed out the work taken up by the Panels in identifying a number of Departments which could be considered for participation under the Special Assistance Programme or which may be provided Departmental support and that expert committees would be visiting these departments for a detailed examination of the stage of development and facilities available and make suitable recommendations for further development of such departments. Further, the work of the individual Subject Panels had given some indications with regard to the overall development of individual subjects and groups of disciplines in different parts of the country, as for example the Social Sciences Panel had pointed out the inadequacy of development of facilities for social sciences in most universities in the Southern States.

On the basis of the discussions held, it was agreed that the following may be kept in view for necessary action:

1. Development of facilities for undertaking R&D work in the universities may be taken up, to the extent possible, in consultation with the user Ministries of the Government of India and also the related industries. A few pilot projects could be taken up for purposes of setting industrial units as had been envisaged earlier in the Roorkee and Banaras Hindu Universities. It is however understood that such industrial units would not be involved in a major production programme, but would engage themselves in research, design and development of prototypes and production of essential items for purposes of testing and forming it out to the related industries. It would also be possible to take up such pilot projects as joint programmes through inter-agency funding envisaged by the Government of India. It was noted that under the College Science Improvement Programme-University Leadership Projects, a number of items of scientific equipment and other materials had been developed and the Commission may explore the possibilities of enabling the universities to enter into agreements with small scale industries etc. for mass production of such items of equipment for use by the entire university system. The services of such agencies as National Research and Development Corporation etc. may also be utilised for the purpose.

2. The Commission had initiated a major programme of faculty improvement during the V Plan period to provide for teacher fellowships, national associateships, research associates and similar other opportunities which encourage mobility of academic personnel and opportunities for working in other universities and institutions. The success of these programmes would, to a large extent, depend upon making available to the institutions concerned necessary ancillary facilities such as teachers hostels, guest houses as well as staff residences. Such ancillary facilities developed in the selected universities would also be available for the academic group meetings such as seminars, symposia, refresher courses, workshops, which are organised by the universities with the support from the U.G.C. The Commission desired that a specific proposal giving the necessary details for this programme may be worked out and placed before the Commission at an early date.

3. The Commission noted that the scheme of national associates would enable university and college teachers to work for short periods in other universities as well as in research institutions. The visits by national associates may also cover work to be done by them in industry, particularly in respect of persons in engineering and technology subjects. Similarly, the provision of 100 national associateships available for persons from non-university institutions to visit and work in the universities may include persons from industries also.

4. A reference was made to the M.Sc.(Tech.) programme in Applied Sciences initiated in some universities and also to the facility of scholarships available to the third year students in M.Sc. Applied Geology and Geo-physics courses. It was felt that wherever such three-year M.Sc.(Tech.) programmes in Applied Sciences are organised by the universities, scholarships of the value of Rs.250/-per month may be made available to the students during the third year of the course as in the case of Applied Geology course.

5. The Commission noted the suggestions made at the Vice-Chancellor's Conference 1975 with regard to organisation of regional conferences of Vice-Chancellors. The Commission desired that such conferences may be organised during 1976-77 in different regions.

6. The Commission reiterated its earlier suggestion that each university should set up a College Development Council or Committee to help its affiliated colleges to get acquainted with the various programmes of the U.G.C. and to plan their academic development in accordance with the guidelines laid down by the Commission. This would not only establish close links between the University and the

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colleges, but also help the colleges to benefit from the various programmes initiated by the Commission for the development of the affiliated colleges.

7. . . A reference was made to the provision made in V Plan allocations for setting up of regional library centres and it was desired that action may be initiated for setting up these Centres and a committee may be appointed to work out the necessary details for the purpose.

8. . . The Commission was informed that the guidelines for M.Phil. courses as worked out by the sub-committee have since been circulated to the universities. It was desired that the guidelines may be brought to the notice of individual Subject Panels for any suggestions they may like to make with particular reference to the needs of the individual subjects. The suggestions made by the Panels could then be considered by the Commission.

9. . . It was felt that since the reports of the V Plan Visiting Committees to most of the universities were now available, it may be desirable to bring together the observations made by the Visiting Committees, subject-wise, so that the status of development of different subjects in different universities could be known for purposes of initiating any further action for development.

10. . . The Commission noted that assistance had been provided to several universities for setting up examination reform units. It was felt that due care should be taken to ensure that these units function as academic coordinating units to bring together the efforts made by different faculties and departments for introducing examination reforms. These units should not be made routine administrative units as part of the examination division of the university administration.

11. . . The Commission was also informed that:
(a) . . . the Government of India had since created a special fund of Rs.2 crores per annum for purposes of funding research projects considered to be of value, but for which it may not be necessary to seek support from outside resources such as PL 480 funds etc. The Department of Science and Technology would function as a nodal Ministry for consideration of such proposals and the Government of India had set up for this purpose a committee of experts to advise the Department of Science and Technology for consideration of such proposals to be received from various agencies including universities.

(b) . . . The Ministry of Education and Social Welfare,

Government of India, have since informed, in consultation with the Ministry of Law that the Commission could, under sub-section(J) of Section 12 read with sub-section 3 of Section 16 of UGC Act, spend money for such purposes as holding of seminars, summer schools or payment to individual academicians, through institutions other than the universities. In such cases, the Commission would call for audited statements of accounts and/or utilisation certificates in respect of such sums paid to the institutions for organisation of such seminars, e tc.

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 19th July, 1976.

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

- (1) Change in specialisation of the staff approved by the Commission for the Andhra University during the Fifth Plan period, on the recommendation of the Fifth Plan Visiting Committee of the University.

The Commission on the recommendation of the Fifth Plan Visiting Committee appointed to examine the proposals of Andhra University, inter-alia, approved two posts of Lecturers (one with specialisation in Instrumentation and another in Electronics) for the Department of Applied Physics. On a request from the Andhra University, the Commission has agreed vide letter dated the 28th May, 1976 that the University may appoint one of the Lecturers with specialisation in Optical Engineering instead of Electronics (vide orders dated the 23rd May, 1976).

- (2) An approval for the construction of Canteen building under the development of undergraduate educational facilities in colleges - Rs.5.00 lakhs scheme.

Mysore University has forwarded the proposal of Mahatma Gandhi Memorial College, Udipi for the improvement of Undergraduate Educational Facilities during the Fifth Five Year Plan period which inter-alia included the proposal for running a Canteen. According to the University the College has 1,350 students on its rolls, of which most of them had to tread long distances by foot, bicycle or other means of transport to come to the College Campus. The college has been operating a mid-day meal scheme providing lunch at 80 paise per student. In order to provide a healthy place for taking the food, the University has recommended assistance to the College for the provision of a Canteen under Rs.5.00 lakhs scheme.

Normally provision of Canteen forms part of students welfare programme which is under review of the Commission.

p.t.o.

In view of the fact that a Canteen was urgently required by the College, pending a final decision of Student Welfare Programme is also included, it has been agreed inter-alia that the College may be allowed to construct a Canteen under Rs.5.00 lakhs scheme at an estimated cost of Rs.1.00 lakh on 50% sharing basis (UGC's share Rs.50,000/- vide orders dated the 4th May, 1976).

- (3) Approval of the Fifth Plan Development schemes of Panjab, Panjabi and Guru Nanak Dev Universities.

The Commission at its meeting held on 7th January, 1976 resolved as under:- (Item No.8).

"It was noted that the reports of the Visiting Committee appointed to assess the Fifth Plan proposals of Panjab, Panjabi and Guru Nanak Dev Universities would be finalised shortly in the light of the discussions held earlier. The Commission authorised the Vice-Chairman to take necessary action on these reports".

The reports of the Visiting Committee to Panjab, Panjabi and Guru Nanak Dev Universities have been finalised. The schemes approved and allocations made to these Universities are indicated below (all figures are in lakh of rupees).

- (a) Panjab University (ceiling of assistance Rs.200 lakhs):

<u>S.No.</u>	<u>Item</u>	<u>Amount</u>
1.	Spill over	7.99
2.	<u>Basic Grants</u>	
	(i) Books	5.00
	(ii) Equipment	7.50
3.	<u>New allocation</u>	
	(a) <u>Non-recurring:</u>	
	(i) Books & Journals	23.43
	(ii) Equipment	47.10
	(iii) Buildings	15.00
	(iv) Misc.	2.10

Total: 108.12

p.t.o.

- (b) Recurring:
 (v) Staff (Recurring)

Professor	4
Reader	23
Lecturers	20
Others	14

Details of new allocation are given in Annexure-I & II.

- (B) Panjabi University, Patiala (ceiling of assistance Rs. 100 lakhs).

<u>S.N.o.</u>	<u>Item</u>	<u>Amount</u>
1.	Spill over	14.71
2.	<u>Basic Grants:</u>	
	(i) Books	3.00
	(ii) Equipment	5.00
3.	<u>New allocation:</u>	
	(a) <u>Non-Recurring:</u>	
	(i) Books & Journals	7.17
	(ii) Equipment	13.80
	(iii) Buildings	11.00
		Total: 54.68

- (b) Recurring: (Staff)

Professors	2
Readers	11
Lecturers	7
Others	7

Details of new allocation are given in Annexure-III & IV.

- (C) Guru Nanak Dev University, Amritsar (ceiling of assistance - Rs.100 lakhs).

1.	Spill over	3.53
2.	<u>Basic Grants</u>	
	(i) Books	3.00
	(ii) Equipment	5.00

<u>S.No.</u>	<u>Item</u>	<u>Amount</u>
3.	<u>New allocation:</u>	
	(a) <u>Non-recurring:</u>	
	(i) Books and Journals	7.05
	(ii) Equipment	14.95
	(iii) Buildings	13.00
		Total: 46.53
	(b) <u>Recurring: (Staff)</u>	
	Professor	7
	Readers	14
	Lecturers	16
	Others	9

Details of new allocation are given in Annexure-V & VI.

- (4) Award of 10 scholarships to the students of the Diploma Course in Numerical Analysis and Automatic Computing during the academic year 1976-77 at B.N. Chakravarty University, Kurukshetra.

The University Grants Commission at its meeting held on 24th November, 1975 (Item No.12) considered the report of the Committee appointed by the Commission to examine the proposal of Kurukshetra University for award of fellowships to students of one year post-M.A./M.Sc. Diploma Course in Numerical Analysis and Automatic Computing and inter-alia desired that the suggestions made by the Expert Committee with regard to the restructuring of courses in computer science be brought to the notice of the Kurukshetra University and the University be requested to modify the courses accordingly and also make available a total of three teachers competent to teach these courses from its Fifth Plan allocation. The question of providing studentships for the courses could be considered subsequently in consultation with the Standing Committee for development of computer facilities.

The University agreed to the suggestions regarding change in course content and availability of Faculty, on the recommendation of the member of the Expert Committee, approval of the University Grants Commission to the B.N. Chakravarty University, Kurukshetra starting a postgraduate Diploma course of one year's duration in Numerical Analysis and Automatic Computing during the year 1976-77 and to the institution of

10 scholarships of the value of Rs.400/-p.m. for the students admitted to the course during the year 1976-77 has, therefore, been conveyed to the University vide letter No.F.20-4/76(D-2a) dated the 18th June, 1976 subject to the following conditions:-

- (a) Admission to the course may be made on an all India basis and on merits. Candidates who have secured at least 55% marks in the qualifying examinations may only be admitted to the course.
 - (b) The scholarships provided by the University Grants Commission be awarded on merits to such students only who have secured at least 60% marks or equivalent grade in aggregate in the qualifying examination.
 - (c) 50% of the scholarships provided by the University Grants Commission may be awarded to the students who have passed the qualifying examination from universities other than B.N. Chakravarty University, Kurukshetra.
 - (d) The progress of the course would be reviewed after one year, as suggested by the Expert Committee.
- (5) Proposals of colleges approved for financial assistance under Rs.5.00 lakhs scheme during the Fifth Plan period.

The following proposals of colleges have been approved by the Commission for financial assistance under Rs.5.00 lakhs scheme during the Fifth Plan period.

S.N.	Name of the College	Purpose	Estimated Cost.	UGC Share	Date of approval
1.	2.	3.	4.	5.	6.
<u>Kanpur University:</u>					
1.	Attarra Degree College, Attarra.	Const. Library building.	5,75,285/-	1,66,666/-	26.5.76
2.	Janta Mahavidyalaya, Ajitmal, Etawah.	Books and Journals. Class Rooms & Furniture	30,000/- 1,45,847/-	22,500/- 72,923/-	18.6.76 25.6.76 p.t.o.

1.	2.	3.	4.	5.	6.
<u>Bundelkhand University:</u>					
3.	Bundelkhand College, Jhansi.	Purchase of books	1,00,000/-	75,000/-	23.5.76
4.	Bipin Bahari Mahavidyalaya, Jhansi.	-do-	52,000/-	39,000/-	21.6.76
<u>Kurukshetra University:</u>					
5.	Vaish College, Rohtak.	Purchase of books	80,000/-	60,000/-	2.6.76
6.	Chhaju Ram Memorial Jat College, Hissar.	-do-	60,000/-	45,000/-	6.6.76
<u>Meerut University:</u>					
7.	N.A.S. College, Meerut.	Additional teaching accommodation.	1,07,944/-	53,972/-	2.6.76
		Equipment	60,000/-	45,000/-	2.6.76
		Books & Journals	1,20,000/-	90,000/-	2.6.76
8.	Shambhu Dayal College, Ghaziabad, U.P.	Books	1,00,000/-	75,000/-	12.6.76
<u>Gorakhpur University:</u>					
9.	Shri Gurgaji Mahavi- dyalaya, Chandesar, Azamgarh.	Books & Journals	72,000/-	54,000/-	26.6.76
		Equipment	1,00,000/-	75,000/-	26.6.76
<u>Punjab University:</u>					
10.	D.A.V. College, Bhatinda.	Purchase of books	32,000/-	24,000/-	2.6.76

(6) The finalisation of the Fifth Plan Visiting Committee's report on Saurashtra University.

The University Grants Commission at its meeting held on
7th January, 1976 while agreeing to the recommendations made by the

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Visiting Committee with regard to the development proposals of the Saurashtra University was of the view that the University should mainly concentrate its attention on the development of Rajkot Campus. It was accordingly agreed that this may be further discussed with the Vice-Chancellor, Saurashtra University (Item No.38).

As desired by the Commission, the report of the Fifth Plan Visiting Committee for Saurashtra University was discussed at a meeting on 11th March, 1976. The following were present:

1. Chairman,
U.G.C.
2. Secretary,
U.G.C.
3. Vice-Chancellor,
Saurashtra University.
4. Planning & Development Officer,
Saurashtra University.
5. Deputy Secretary (D.4).
6. Assistant Secretary (D.4).

The Chairman pointed out to the Vice-Chancellor, Saurashtra University that in view of the decision taken by Gujarat Government to set up a separate University at Bhavnagar, the Commission has to reconsider the question of providing grants for the development of Bhavnagar Campus of the Saurashtra University. Since the State Government has decided to set up a new University at Bhavnagar, it has also to provide sufficient funds for the basic development of the new campus. The financial assistance which Commission is likely to provide to Saurashtra University during Fifth Plan will, therefore, have to be carefully used so that the Rajkot Campus is not deprived of necessary development facilities (so as to enable the Bhavnagar Campus to fulfil the basic minimum requirements of a new University). The Vice-Chancellor, Saurashtra University agreed with this view but added that till the new University is established at Bhavnagar, the departments which are already in existence at Bhavnagar viz. Department of Chemistry and Department of Mathematics will have to be provided with the normal development grants. It was, therefore, agreed that for the present, the Commission may provide funds to Saurashtra University for (1) the development of the existing departments of Chemistry and Mathematics at Bhavnagar and (2) the development of the Rajkot Campus as recommended by the Visiting Committee. For expansion of facilities at Bhavnagar, the question will have to be discussed further with the University and the State Government keeping in view the proposal of the State Government to set up a new university at Bhavnagar.

As regards development of postgraduate teaching at University Centres for which the Visiting Committee has recommended an amount of Rs.10.00 lakhs (Rs.5.00 lakhs under first priority, Rs.2.5 lakhs under

first priority, Rs.2.5 lakhs under second priority, and Rs.2.5 lakhs under third priority), the Vice-Chancellor said that the university is shortly going to set up a Committee to conduct survey of the existing facilities and to suggest ways as to how the university could discharge this responsibility more effectively. The Vice-Chancellor also said that he would be approaching the Commission to nominate a representative on this Committee.

The approval of the Fifth Plan proposals has been conveyed to the University of Saurashtra under letter No.F.21-1/76(D-4a) dated the 8th April, 1976.

(7) Proposals of colleges approved under the Fifth Plan Development Schemes.

The following proposals of the Colleges under the Fifth Plan Development schemes have been approved.

University	Name of College	Proposal	Estimated Cost.	Commission's Share	Date of approval
1.	2.	3.	4.	5.	6.
A.P.S.	Govt. Girls Degree College, Rewa.	Books	28,000/-	21,000/-	16.6.76
		Equipment	32,000/-	24,000/-	
	Govt. College, Tikamgarh.	Books	63,200/-	35,500/-	24.6.76
		Equipment	2,67,200/-	2,00,000/-	
Gujarat	R.B. Sagar Degree College of Education, Ahmedabad.	Books	5,000/-	3,750/-	14.5.76
		Audio-Visual aids.	16,700/-	16,700/-	
Low	Vivekananda College of Education, Mehsana.	Books -	25,000/-	15,000/-	27.5.76
		Teaching material	18,000/-	18,000/-	
		Additional Staff	25,000/-	25,000/-	
	IM Nanavati Law College, Ahmedabad.	Construction of class-rooms	2,16,629/-	1,00,000/-	15.5.76
Indore	Holkar Science College, Indore.	Books	40,000/-	30,000/-	28.1.76
		Equipment	2,10,000/-	1,00,000/-	
Jabalpur	Govt. Science College, Jabalpur.	Books	48,000/-	36,000/-	17.6.76
		Equipment	60,000/-	45,000/-	
	Mahakoshal Arts College, Jabalpur.	Books	24,000/-	18,000/-	15.6.76

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1.	2.	3.	4.	5.	6.
Nagpur	Binzani Mahila Mahavidyalaya, Nagpur.	Construction of Lib. & Labs.	5,30,155/-	1,66,000/-	19.4.76
Poona	Karve Institute of Social Work.	Books	15,000/-	11,250/-	14.5.76
	Tulraj G.C. College, Baramati.	Books Equipment	80,000/- 80,000/-	60,000/- 60,000/-	11.6.76
	Ahmednagar College, Ahmednagar.	Books & Journals Equipment Animal House & Workshop.	90,000/- 1,60,000/- 1,78,000/-	67,500/- 1,20,000/- 1,00,000/-	17.6.76
Ravi Shankar	Govt. Arts & Science College, Durg.	Books Equipment	72,000/- 78,000/-	54,000/- 58,500/-	4.5.76
	Govt. PG College, Ahbikapur (PG)	Books Equipment	90,000/- 25,000/-	90,000/- 25,000/-	6.5.76
	Durga Mahavidyalaya Raipur (PG).	Books Equipment	1,40,000/- 1,00,000/-	1,40,000/- 75,000/-	24.5.76
	CM Dubey PG College, Bilaspur.	Workshop & Animal House Books	1,00,000/- 1,00,000/-	1,00,000/- 75,000/-	24.5.76
	Govt. PG College, Bilaspur.	Books Equipment	26,665/- 10,000/-	20,000/- 7,500/-	27.4.76
	Durga Mahavidyalaya, Raipur.	Audio-Visual Aid	12,000/-	9,000/-	27.5.76
	Govt. Girls Degree College, Raipur.	Books & Equipment	66,875/-	50,156/-	3.2.76
Saugar	RD Government Degree College, Mandla.	Books Equipment	54,000/- 30,000/-	40,500/- 22,500/-	14.5.76
	M.C. Govt. Girls Degree College, Khandwa.	Books Equipment	56,000/- 1,00,000/-	42,000/- 75,000/-	24.6.76

1.	2.	3.	4.	5.	6.
Shivaji	Barsi College, Barsi.	Books	1,07,500/-	80,000/-	19.4.76
	Rajaram College, Kolhapur.	Books Equipment	40,000/- 35,000/-	30,000/- 26,250/-	27.4.76
	Ismail Saheb Mulla Law College, Satara.	Books	9,000/-	6,750/-	1.5.76
	Willington College, Sangli.	Books Staff	9,500/- 38,500/-	7,125/- 19,250/-	14.12.75
	Arts & Commerce College, Wai.	Books Faculty Improvement	1,00,000/- 64,800/-	75,000/- 50,000/-	14.12.75
Vikram	Govt. College, Neemuch.	Books Equipment	63,000/- 63,000/-	47,250/- 47,250/-	4.5.76
	Govt. College, Bar-wani.	Books Equipment	30,000/- 51,000/-	22,500/- 38,250/-	4.5.76
	BSN Govt. College, Shajapur.	Books Equipment	20,000/- 5,000/-	15,000/- 3,750/-	4.5.76
	JNS College, Sujalpur.	Books Equipment	30,000/- 50,000/-	22,500/- 37,500/-	4.5.76
	Govt. College, Rampura.	Books Equipment	30,000/- 85,000/-	22,500/- 63,750/-	4.5.76
	K.P. College, Dewas.	Books Equipment	58,000/- 1,02,000/-	43,500/- 76,500/-	14.5.76
	Nehru Govt. College, Agar.	Books Equipment	25,000/- 57,000/-	18,750/- 42,750/-	14.5.76
	Govt. College, Jaora, Ratlam.	Books Equipment	62,000/- 99,000/-	46,500/- 74,250/-	4.5.76
	Govt. Girls College, Ujjain.	Books Equipment	44,000/- 68,000/-	33,000/- 51,000/-	23.5.76
	Govt. College, Khargone	Books	48,000/-	36,000/-	23.5.76
	Govt. College, Rajgarh.	Books	40,000/-	30,000/-	1.6.76

- (8) Revision of salary scales of college teachers in S.G.R.R. College (now Government College, Nahan) under 2nd/3rd Five Year Plan Scheme.
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The Commission sanctioned/paid an amount of Rs.4,455/- to the S.G.R.R. College, Nahan through the Panjab University, Chandigarh towards revision of salary scales of college teachers under 2nd/3rd plan scheme, out of which the college could utilise an amount of Rs.4,421-24 for which the U.C. has been issued thereby leaving an unspent balance of Rs.33.76 with the college.

In this connection, it may be stated that SGRR College, Nahan was taken over by the State Government and its assets etc. were handed over to the Government College, Nahan. The Principal, Government College, Nahan has informed the Panjab University that while winding up the institution, SGRR College authorities handed over no record which could prove utilisation of any sum paid to the said College by the UGC during the 2nd Five-Year Plan. Keeping this in view, the amount of Rs.33.76 has been waived in order to finalise the outstanding accounts of the college in order to finalise the scheme (as per orders dated the 18th May, 1976).

- (9) Constitution of a joint team of the UGC/ICAR to go into the question of examining manpower requirements of the North-Eastern Region in the agriculture and animal husbandry.
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The Government of Nagaland, approached the Ministry of Education for starting an agriculture college at Ghaspani in Kohima District as 95% of the people of Nagaland live in hill area and are occupied in agriculture of a primitive nature. The Government of Nagaland also agreed to provide land free and certain buildings for the establishment of an agriculture college there.

In her convocation address of the North-Eastern Hill University, the Prime Minister also expressed as under:-

"I am aware of the need of the North Eastern Region for facilities for graduate and postgraduate study in Agriculture and Animal Husbandry. The gap between the availability of manpower and the requirements of this area is already considerable and must be bridged as soon as possible. I feel that the North Eastern Hill University should establish a college of Agriculture and Animal Husbandry in Nagaland. To this end, the University Grants Commission and the Indian Council of Agricultural Research will be setting up a joint team to go into the question of examining the manpower requirements of the North Eastern Region in Agriculture and Animal Husbandry and framing concrete proposals for meeting them."

As indicated in the Prime Minister's address, the Ministry of Education, Government of India, wrote to the UGC to set up a joint team of the UGC and ICAR to go into the question of examining the manpower requirements of North Eastern Region in agriculture and animal husbandry to frame complete proposal for meeting them. In view of this, the Commission has nominated the following members for the joint team for the purpose:

1. Professor J.B. Chitamber,
Member UGC and Principal,
Allahabad Agricultural Institute,
Allahabad.
2. Professor R. George Michael,
Dean, School of Life Sciences,
North-Eastern Hill University,
Shillong.
3. Professor A.K. Sharma,
Department of Botany,
Calcutta University,
Calcutta.

The names of the nominees of the I.C.A.R. also are indicated below:-

1. Professor P.K. Sen,
ICAR Emeritus Scientist,
College of Science & Technology,
Ballygunge Circular Road,
Calcutta-19.
2. Dr. D.N. Borthakur,
Project Director,
ICAR Research Complex for North
Eastern Region,
Amrit Bhavan,
Shillong.
3. Dr. P.K. Sharma,
Dean,
Veterinary College,
Assam Agricultural University,
Khanapara, Gauhati.

Dr. J.P. Singh, A.D.G. (IDA) ICAR has been appointed the Member-Secretary and the ICAR will be responsible for further work of the group.

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- (10) Report of the Committee appointed by the University Grants Commission on matters relating to (1) Strength of Physical Directors and (2) Reorganisation of courses which do not attract sufficient number of students in colleges of Delhi University - Views of the Delhi University thereon.
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The University Grants Commission at its meeting held on 2nd June, 1975, vide item No.12, considered the Report of the Committee appointed by the Commission to consider inter-alia the question of strength of Physical Directors and reorganisation of courses which do not attract sufficient number of students in the colleges of Delhi University and resolved as under:-

"The Commission desired that the views of the Delhi University may be obtained on the recommendations made by the Committee appointed by it on matters relating to strength of Physical Directors and Reorganisation of courses which do not attract sufficient number of students in the colleges of the University. The Commission further desired that the Delhi University be advised to suggest to the colleges not to appoint staff against the post likely to fall vacant in courses which do not attract sufficient number of students till the matter has been reviewed by the University".

Accordingly the comments of the Delhi University were invited on the above referred Report as desired by the Commission. The University has intimated that the Academic Council and the Executive Council at their meetings held on 4.12.1975 and 13.12.1975 considered and accepted the recommendations of the Committee appointed by the Commission in regard to the strength of Physical Directors and has also forwarded the extracts of the decisions of the Academic Council and the Executive Council as per Annexure for information of the Commission.

The University has been requested to intimate its comments on the second part of the Report of the Committee regarding reorganisation of courses which do not attract sufficient number of students in the colleges of Delhi University and the receipt of the same are awaited.

- (11) Age of retirement of non-academic staff of Central Universities/ in accordance with the recommendations of the Third Pay Commission.
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In September, 1974, all the Central Universities were informed that the age of retirement of the non-academic staff of Central

Universities should be the same as that of the Central Government employees of corresponding status. According to the Central Government Rules, the age of retirement of its employees, (other than class-IV) is 58 years and in case of class-IV Government Servants, the age of retirement is 60 years.

The Executive Councils of Banaras Hindu University and Delhi University resolved that the existing age of retirement of 60 years be retained in respect of their non-academic employees who were in service on 17.1.1975 in the case of Banaras Hindu University and prior to 5.6.1975 in the case of Delhi University in respect of others, who entered university service after these dates the age of retirement may be revised to 58 years. Accordingly, a clarification on the point whether a lower age of retirement i.e. 58 years could be fixed in the case of the existing staff where the age of retirement as per rules of the respective university is 60 years or this would apply to future recruitments only was sought from the Government of India. The Government of India, in the Ministry of Education & Social Welfare, intimated vide their letter No.F.16-39/75-U.2 dated the 13th February, 1976 that a lower age of retirement could be fixed in the case of existing staff of Central Universities without any legal objection.

The matter was placed before the Committee of Vice-Chancellors of Central Universities at its meeting held on the 28th April, 1976. The Committee recommended that the age of retirement of the non-academic staff of Central Universities be 60 years with no provision for further extension i.e. on par with the age of retirement of teachers. This has been accepted and all the Central Universities have been informed accordingly.

- (12) The additional grants approved for the Department of Biochemistry, M.S. University of Baroda, under special assistance programme.

The Commission at its meeting held in April, 1975 desired (vide resolution No.16) that requests received from the Departments of Special Assistance for the additional requirements for the remaining period of the Fifth Plan may be examined on merit, keeping in view the progress made by them in implementing the academic programmes, under the scheme.

In March, 1976, a request was received from Professor C.V. Ramakrishnan, Head of the Biochemistry Department, M.S. University of Baroda, requesting for additional grant required for urgent needs of the Department. The proposal was examined and the following additional grant has been agreed to be provided to the Department vide orders dated the 27th May, 1976:-

Non-recurring:

- | | | |
|-----|--|---------------|
| (1) | Scientific Equipment | Rs.1,31,500/- |
| (2) | Furniture & fittings for the new building. | Rs. 30,000/- |

- (13) Centre of Advanced Study in Linguistics, Annamalai University - Sanction of grant for contingencies, travel, seminar etc.

The Commission at its meeting held on March 22, 1976 considered the recommendations made by the Advisory Committee for the Centres of Advanced Study in the Humanities and Social Sciences on the report of the Assessment Committee set up by the Commission to examine the Fifth Plan development proposals of the CAS in Linguistics, Annamalai University. The Commission accepted the recommendations of the Advisory Committee and these have since been conveyed to the University. The Committee, had inter-alia, recommended that for contingencies, seminars and travel etc. the Commission may decide as in the case of other Centres of Advanced Study. The Director, Centre of Advanced Study in Linguistics, Annamalai University has requested that the Centre may be allotted money for the items viz., contingencies, seminars, travel etc.

It may be stated in this connection that the Assessment Committee set up by the Commission to examine the Fifth Plan development proposals of the Centres of Advanced Study in Economics, Bombay University and History at Aligarh Muslim University have recommended the following annual grants for contingencies, travel and seminars.

	<u>Contingencies</u>	<u>Travel</u>	<u>Seminars</u>
	Rs	Rs	Rs
CAS in History, Aligarh Muslim University.	5,000/-	9,000/- (travel and seminar)	
CAS in Economics, Bombay University.	5,000/-	7,500/-	5,000/-

The above recommendations of the Committee have already been accepted by the Commission. On the same analogy, the following grants have been sanctioned for the further development of the Centre of Advanced Study in Linguistics, Annamalai University during the Fifth Plan on the condition that provision made by the UGC for similar items during the Fourth Plan will be treated as a recurring liability and will be accounted for in the statement of accounts sent to the Commission periodically in connection with the above scheme: (vide orders dated 10th June, 1976).

Contingencies	5,000/- p.a.
Travel	5,000/- p.a.
Seminars	7,000/- p.a.

The University has been informed accordingly.

- (14) Fifth Plan development proposals - Sanction of grant for Centre of Advanced Study in Philosophy, Madras University.

Some time back, the Commission set up an Assessment Committee to evaluate the working of the Centre of Advanced Study in Philosophy, University of Madras. This Committee was also requested to examine the Fifth Plan development proposals of the Department. The Committee recommended support to the Centre for the following items during the Fifth Plan:

1. Recurring:

- (a) 1 Reader for the department of Saiva Philosophy on the condition that the person to be appointed against this post shall be a specialist in Saiva Advaita with knowledge of both the Sanskrit and Tamil sources. Evidence of post-doctoral published work in the field is also essential.
- (b) 1 Reader for the department of Vaishnava Philosophy subject to the condition that the person to be appointed against this post should be a specialist in Southern Vaishnava Philosophy with proficiency in both Tamil and Sanskrit. Evidence of post-doctoral published work in the field is also essential.

2. Non-Recurring:

A lump-sum grant of Rs.1.00 lakh may be provided for books and journals for the entire plan period as proposed by the Centre.

The Committee could not recommend the post of Lecturer for the departments of Saiva Philosophy and Vaishnava Philosophy as proposed by the Centre. The Committee also could not accept the proposal of the Centre for the provisions made for contingencies for the above departments.

The recommendations of the Committee were placed before the Advisory Committee for the Centres of Advanced Study in the Humanities and Social Sciences at its meeting held on December 20, 1975. It was agreed that the Chairman, UGC would advise further action in the matter. Accordingly, the Chairman, UGC discussed this with Professor K.S. Murthy, Vice-Chancellor, Sri Venkateswara University who was the Convener of the Assessment Committee. It was agreed that a lump-sum grant of Rs.1.00 lakh for books and journals may be provided for the Centre during the entire Fifth Plan period. The recommendation of the Committee for additional staff etc. over and above the existing staff sanctioned during the Fourth Plan for the above Centre may be considered by the Commission when the new Head of the Department is appointed by the University for the Centre and a fresh proposal is sent to the Commission through him.

An amount of Rs.1.00 lakh has been allocated for the purchase of books and journals for the entire plan period for the above Centre and approval in this regard has since been conveyed to the University of Madras (vide orders dated 29th May, 1976.)

- (15) Basic grant for the purchase of equipment during the Fifth Plan period - Rabindra Bharati University.
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The Commission at its meeting held on 14th and 15th July, 1975 while considering the report of the Fifth Plan Visiting Committee to Rabindra Bharati University had decided inter-alia for the setting up of a Committee to draw a general plan properly spelling out the role and needs of the University before the actual assistance was provided to the University on various items recommended by the Visiting Committee (Resolution No.27).

The Committee referred to the above appointed by the Government of West Bengal is doing its work and is yet to make its recommendations on a request received from the Vice-Chancellor, Rabindra Bharati pending the finalisation of the report of the Committee, a grant of Rs.50,000/- (Rupees fifty thousand only) has been allocated to the Rabindra Bharati University towards the purchase of equipment for its departments of Music, Painting, Dance and Drame, on the condition that this will be a first charge on the Fifth Plan allocations (approved vide orders dated 17th May, 1976).

- (16) Naming of Central Library Building, Utkal University, after Dr. P. Parija.
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In April, 1976 the Utkal University sent a proposal for naming its Central Library Building constructed with the assistance of the University Grants Commission/State Government after Dr. P. Parija, who had been associated with the University for about 25 years in different capacities and sought Commission's approval for the same. In view of the eminence and age of Dr. Parija, the proposal of the Utkal University has been accepted (approved vide orders dated 18th May, 1976).

- (17) Visva-Bharati - Construction of a water reservoir as a part of Humanities Building Phase-I - Approval for.
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The Commission approved the construction of a Teaching Block phase-I for Humanities Departments at the Visva-Bharati at an estimated cost of Rs.4,94,611/- (excluding water reservoir and furniture) during the Fourth Plan period. The building is nearing completion in all respects.

The University sent a proposal for the construction of a water reservoir at an estimated cost of Rs.30,000/- and sought Commission's approval for the same. The Reservoir which will be centrally located in the Humanities building complex has been adjudged as the imperative necessity of the university.

In view of the urgency of the University, the proposal of the Visva-Bharati for the construction of a water reservoir as part of Humanities building at an estimated cost of Rs.30,000/- has been accepted subject to the condition that it would be a first charge on the Fifth Plan allocations to be made to the University (Approved vide orders dated 12th June, 1976).

- (18) Visva-Bharati - Additional Basic grant for the purchase of books and journals during the Fifth Plan period.
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In May, 1974, the Commission allocated a basic grant of Rs.3,00,000/- to the Visva-Bharati for the purchase of library books and journals for the Fifth Plan period. The University after having fully utilised the above grant approached the Commission for an additional allocation of Basic grant of Rs.3,00,000/- for the purpose. Since it will take some time to appoint the Fifth Plan Visiting Committee which will assess the Fifth Plan proposals of the University, an additional Basic grant of Rs.2,00,000/- has been allocated to the Visva-Bharati for the purchase of library books and journals for the Fifth Plan period, subject to the condition that this will be a first charge on the Fifth Plan allocations of the University. This will raise the total allocation of basic books grant from Rs.3,00,000/- to Rs.5,00,000/- (approved vide orders dated 11th June, 1976).

- (19) Creation of two Senior Fellowships in the department of Applied Mathematics for S.N. Bose Institute of Physical Sciences, Calcutta University.
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The Vice-Chancellor, Calcutta University had sent a proposal for setting up of an Institute of Physical Sciences after the name of Professor S.N. Bose, containing inter-alia a request for two senior fellowships.

The proposal for the creation of two senior fellowships of the value of Rs.600/-p.m. and a contingent grant of Rs.2,000/- p.a. each has been

Accepted for
S.N.

((in the
department
of Applied
Mathematics)

Bose Institute of Physical Sciences/ Calcutta University for the Fifth Plan period (i.e. up to 31st March, 1979) on the condition that it will be the responsibility of the University/State Government to maintain these fellowships after 31st March, 1979 (approved vide orders dated 28th May, 1976).

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- (20) Creation of a post of Lecturer in Persian in the Department of Arabic, Persian and Islamic Studies at the Visva-Bharati - Fifth-Plan period.
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In May, 1976, Visva-Bharati sent a proposal for the creation of a post of Lecturer in Persian in the Department of Arabic, Persian and Islamic Studies and sought Commission's approval for the same. The Department which provides two-years certificate course in Arabic, Persian and Urdu has a Reader on its staff who is assisted by an honorary teacher in Persian. Due to the shortage of teaching facilities, the Department neither introduced/opened the Diploma courses in the three languages despite persistent demand of students nor could devote more time on the research work as contemplated by the University. It may be mentioned, in this connection, that the Shiksha Samiti of the University has already approved the creation of a post of Lecturer in Persian to cope with the extra teaching work in the Department.

Since it will take some time to appoint the Fifth Plan Visiting Committee which will assess the Fifth Plan proposals of the Visva-Bharati, the proposal of the Visva-Bharati for the creation of a post of Lecturer in Persian in the Department of Arabic, Persian and Islamic Studies has been accepted on the condition that the Commission will provide assistance towards the salary of the Lecturer on 100% basis up to 31st March, 1979 and thereafter it will be treated as committed expenditure. The University will have to adjust this post within the overall Fifth Plan allocations to be made for the Visva-Bharati (approved vide orders dated 18th June, 1976).

- (21) Proposal of the college accepted under COHSIP.
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In addition to the proposals of the colleges selected under COHSIP already reported to the Commission at its meeting held on 29th April, 1976 under item 2(a) the proposal of Aditar College of Arts and Science, Tiruchendur already selected in principle for anticipation in the programme has been processed and a total grant of Rs.37,000/- per annum has been approved on 17th May, 1976 for initiating the COHSIP.

- (22) Approval of grants to additional COSIP colleges.
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The approval of grants to 13 colleges during 1976-77 for undertaking COSIP has already been reported to the Commission at its meetings held in March and April, 1976.

The proposals from the following colleges have been examined and grants recommended for a period of 3 years for implementing COSIP.

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With the approval of those colleges, the total additional colleges brought under the scheme during 1976-77 comes to 20.

S.N.	Name of the College.	Affiliated to University	Grant approved	Date of approval
1.	Shia College, Lucknow	Lucknow	2,50,000	27.5.1976
2.	Multinimal Modi College, Modinagar.	Meerut	2,50,000	-do-
3.	M.M.H. College, Ghaziabad.	Meerut	2,00,000	-do-
4.	Bipin Bihari College, Jhansi.	Kanpur	2,50,000	-do-
5.	D.A.V. College, Amritsar.	Guru Nanak	2,00,000	-do-
6.	P.R. Govt. College, Kakinada.	Andhra	2,50,000	-do-
7.	Demani Bhairuratan Fatch Chand Dayanand College of Arts and Science, Sholapur.	Shivaji	2,00,000	-do-

(23) Extension of the tenure of the temporary posts sanctioned for the work relating to the Third National Survey (Higher Education Sector) in the office of the University Grants Commission.

As the work relating to the Third National Survey (Higher Education Sector) undertaken by the Commission continued, the tenure of the following temporary posts created for the Survey work in the office of the University Grants Commission which was to expire on the 30th June, 1976 has been extended up to the 31st July, 1976 (vide orders dated 17th June, 1976).

S.N.	Name of Post	No. of posts
1.	Chief Coordinator	1
2.	Coordinator	2
3.	Senior Statistical Assistant	2

4.	Statistical Assistant	2
5.	Coders	3
6.	Jr. Stenographer	1
7.	IDC/Typist	2
8.	Peon	1

- (24) Extension of the tenure of the temporary post of Deputy Secretary created for liaison work with the UGC Review Committee appointed by the Ministry of Education and Social Welfare.
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The tenure of the temporary post of Deputy Secretary created in the University Grants Commission for liaison work with the UGC Review Committee appointed by the Ministry of Education and Social Welfare which was last extended up to 31st May, 1976 (afternoon) has been further extended in consultation with the Member-Secretary, UGC Review Committee for a period of 26 days from 1st June, 1976 to 26th June, 1976 (afternoon) (vide orders dated 31st May, 1976 and 17th June, 1976) as the necessity for which it was created was expected to continue till then.

- (25) Deputation abroad of Professor B. Ramachandra Rao, Vice-Chairman, University Grants Commission to Colombo from 30th June, 1976 to 5th July, 1976.
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Professor B. Ramachandra Rao, Vice-Chairman, UGC, with the concurrence of the Government of India, accepted the invitation received through the Department of Science and Technology to join the high level Delegation to take part in the 'International Seminar on Scientific and Technological Co-operation among Non-aligned Countries' organised by the Sri Lanka Association for the Advancement of Science and to be held in Colombo from 30th June, 1976 to 5th July, 1976. In accordance with the normal procedure followed, the travel and the maintenance expenditure towards his stay in Colombo will be met by the University Grants Commission.

- (26) University Grants Commission Contributory Provident Fund - Rates of Interest.
-

The Government of India have notified that the accumulations at the credit of the subscribers to various provident funds during the year 1976-77 will carry interest at the rate of 7.50% on sums up to Rs.25,000/-

(inclusive of deposits and withdrawals) and at the rate of 7% per annum on sums in excess of Rs.25,000/- and the rate of interest will be in force during the financial year beginning on 1st April, 1976.

As the University Grants Commission allows the rates of interest as prescribed by the Government of India from time to time on subscriptions and balances to its General Provident Fund and other similar funds, the above rates of interest have been adopted by the University Grants Commission (vide orders dated the 3rd July, 1976) for subscriptions and balances at the credit of subscribers to the University Grants Commission Contributory Provident Fund in terms of Rule 12(1) of the University Grants Commission Contributory Provident Fund Rules, 1956.

- (27) Extension of the period of deputation of Dr. R.D. Deshpande, Joint Secretary, University Grants Commission, on foreign service terms as Director in the Science and Technology Affairs Division of the Department of Science and Technology, Government of India.

The Department of Science and Technology, Government of India, informed the Commission that the case of Dr. R.D. Deshpande, Joint Secretary, UGC, on deputation to the Department as Director in the Science and Technology Affairs Division, has been recommended for regular appointment to the post of the Director by the Union Public Service Commission/which is being processed and the completion of the formalities connected with it may take some time. The Department, therefore, requested for extension of his period of deputation for another three months w.e.f. 1st July, 1976 and this has been agreed to.

- (28) Minimum qualifications for appointment of teachers in universities/colleges.

The University Grants Commission at its meeting held on 2nd & 3rd June 1974 decided that the following qualifications may be prescribed for recruitment to the posts of Lecturers in the faculties of Arts and Social Sciences including Commerce and Science in universities and Colleges :-

University Lecturers

- (a) A Doctor's degree or published work of an equally high standard; and
- (b) consistently good academic record with 1st or high 2nd class (B) Master's degree in a relevant subject

or an equivalent degree of a foreign university. Having regard to the need for developing inter disciplinary programmes, the degrees in (a) and (b) above may be in relevant subjects.

Provided that if the selection Committee is of the view that the research work of a candidate as evident either from his thesis or from his published work is of very high standard, it may relax any of qualifications prescribed in (b) above.

Provided further that if a candidate possessing a Doctor's degree or equivalent published work is not available or is not considered suitable, a person possessing a consistently good academic record, (due weightage being given to M.Phil. or equivalent degree or research work of quality) may be appointed on the condition that he will have to obtain a Doctor's degree or give evidence of published work of equivalent high standard within five years of his appointment, failing which he will not be able to earn future increments until he fulfils those requirements.

College Lecturers :

- (a) A consistently good academic record with 1st or high 2nd class (B+) at the Master's degree in a relevant subject or an equivalent degree of a foreign university; and
- (b) an M.Phil. degree or a recognised degree beyond the Master's level or published work indicating the capacity of a candidate for independent research work.

Provided that if a candidate possessing the qualification as at (b) above is not available or not considered suitable, the college, on the recommendation of the Selection Committee, may appoint a person possessing a consistently good academic record on the condition that he will have to obtain an M.Phil degree or a recognised degree beyond the Master's level within five years of his appointment, failing which he will not be able to earn future increments till he obtains that degree or gives evidence of equivalent published work of high standard.

In the case of appointment of University Lecturers the following relaxation is provided where-as no such relaxation is provided in the case of appointment of lecturers in colleges:-

"Provided that if the Selection Committee is of the view that the research work of a candidate as evident either from his thesis or from his published work is of very high standard, it may relax any of qualifications prescribed in (b) above."

On a reference in this respect from the Ministry of Education and Social Welfare, it has been agreed to provide the above relaxation of qualification for appointment of Lecturers in colleges for those who possess Ph.D. degree.

Annexure I to Item 2 a(3)

NEW SCHEMES OF A NON-RECURRING NATURE ACCEPTED BY THE COMMISSION
ON THE BASIS OF THE REPORT MADE BY THE FIFTH PLAN VISITING COMMITTEE.

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PANJAB UNIVERSITY

S.No.	Department	Books	Equipment
1	2	3	4
			(Rupees in lakhs)
1.	Central Library (including extension library at Ludhiana).	8.00	-
2.	Physics	0.75	2.00
3.	Chemistry	0.75	3.00
4.	Zoology	0.75	1.50
5.	Botany	0.75	1.50
6.	Biophysics	0.50	1.00
7.	Biochemistry	0.50	1.00
8.	Microbiology	0.50	1.50
9.	Geology	0.50	3.00
10.	Geography	0.50	0.25
11.	Economics	0.50	-
12.	Mathematics	0.50	-
13.	Statistics	0.50	0.50
14.	Anthropology	0.50	0.80
15.	History	0.50	-
16.	English	0.75	1.00 (Language Laboratory)
17.	Hindi	0.50	-
18.	Punjabi	0.25	-
19.	Sanskrit	0.25	-
20.	Ancient Indian History Culture & Archaeology	0.25	0.25
21.	Education	0.25	0.20
22.	Fine Arts	0.25	0.25
23.	Sociology	0.50	0.20 (For Field Studies).
24.	Physical Education	0.15	0.20
25.	Central Asian Studies	0.10	-
26.	Philosophy	0.20	-
27.	Psychology	0.25	0.30
28.	Guru Nanak Studies	0.10	-
29.	Indian Theatre	0.20	0.25
30.	Russian	0.06	-
31.	French	0.06	-
32.	German	0.06	-
33.	V.V.B. & I.S.I.S. Hoshiarpur	0.70	0.05
34.	South Indian Languages	0.10	-
35.	Journalism	0.20	0.05
36.	Political Science	0.50	-

p. to.

1	2	3	4
37.	Law	0.75	-
38.	Public Administration	0.25	-
39.	Library Science	0.15	-
40.	Commerce & Business management.	0.50	-
41.	Gandhian Studies	0.10	-
42.	Central Instrumentation Laboratories:		
	a) Machine Shops	-	1.00
	b) Electronic Instrumentation Section.	-	2.00
	c) Glass Blowing Shop.	-	0.50
	d) Technical Optics Shop	-	0.50
	e) Central Laboratories	-	19.30
43.	Joint Facilities(Bio-Science)	-	5.00
Total		23.43	47.10

BUILDINGS

(Rupees in lakhs)

<u>S.No</u>	<u>Department</u>	<u>Amount</u>
1.	Central Instrument Lab. for all Science Department	4.00
2.	Faculty Appartment House.	7.00
3.	Extension of Science Laboratories and Social Science Building.	4.00
Total -		15.00

Allocation recommended by the Visiting Committee
for Miscellaneous Projects (100%)

1.	Bio-Science Animals House (Building and Equipment.	1.50
2.	Psychology Mobile Van (in collaboration with Department of Education).	0.60
Total-		2.10

PANJAB UNIVERSITY

ADDITIONAL STAFF ON THE BASIS OF THE RECOMMENDATIONS OF THE
VISITING COMMITTEE TO THE PANJAB UNIVERSITY, CHANDIGARH

<u>Sr. No.</u>	<u>Department</u>	<u>Remarks</u>
1	2	3

A. TEACHING STAFF:

1.	Chemistry	1 P 2 R 1 L
2.	Physics	1 P 2 R (Exclusively for laser Physics/Experimental modern Spectroscopy including electronic, Para 1 L Maganetic resources and high resolution spectroscopy, low temperature Physics/Vacuum ultra violet region only)-
3.	Botany	2 R (Taxonomic mycology/Aphylllophorales/ Plant Physiology). 2 L Plant biochemistry
4.	Zoology	2 R (Animal Physiology- 1, experimental embryology- 1). 1 L (Animal Biochemistry/ecology) 1 Technician.
5.	Biochemistry	1 R (Nucllic Acid) 1 L (Enzymology)
6.	Biophysics	1 R 1 L
7.	Microbiology	2 R (Emmunology and Medical Microbiology- one each). 1 L (Virology)
8.	Anthropology	1 R (Human ecology/ Prehistoric archaeology). 1 L (Demography)
9.	Geology	1 P (Geochemistry/Tectonics)
10.	Mathematics	1 P (Pure Mathematics)
11.	Statistics	1 R 1 L
12.	Economics	1 R 1 L

1	2	3
13. Geography	1 R	
14. Political Science	1 R 1 L	
15. Psychology	1 L	(Child Psychology)
16. Public Administration	1 R 1 L	
17. Sociology	1 R 1 L	
18. Law	2 R 2 L	
19. Library Science	1 R	
20. Education	1 R 1 L	
21. History	2 L	
B. Non-Teaching Staff.		
22. Central Instrumentation Laboratories.	1- Sr. Engineer (Rs. 1100-1600) (Electronic & Electronic instrumentation).	
	3- Engineer/Workshop Superintendent (Rs. 700-1300) (Engg.- 1- Electronics & Electronic Instrumentation) for Electric Instrumentation shop).	
	(1 for Machine shop)	
	(1 for Glass Blowing shop)	
	4- Sr. Technical Assistants (Rs. 325-575 unrevised) (one each for Machine shop, Electronic Instrumentation shop, Glass Blowing shop and Technical opti shop.)	
	1 Animal House Caretaker	
	2 Attendants.	
	1 Engineer (Electronics)	} Language
	1 Tech. Assistant	} Laboratory

Total :- P- 4
R- 23
L- 20
others - 14

UNIVERSITY GRANTS COMMISSION

NEW SCHEMES OF A NON-RECURRING NATURE ACCEPTED BY THE
COMMISSION ON THE BASIS OF THE REPORT MADE BY THE
FIFTH PLAN VISITING COMMITTEE.

PUNJABI UNIVERSITY, PATIALA

<u>Sr. No.</u>	<u>Department</u>	<u>Books</u>	<u>Equipment</u>
1	2	3	4
1.	Central Library	1,50,000	-
2.	Botany	75,000	1,00,000
3.	Zoology	75,000	1,00,000
4.	Human Biology	50,000	50,000
5.	Chemistry	75,000	1,00,000
6.	Physics	75,000	2,00,000
7.	Mathematics & Statistics	25,000	15,000
8.	Journalism	25,000	-
9.	Law	50,000	-
10.	Geography (Books and Maps)	15,000	25,000
11.	Political Science	8,000	-
12.	Economics	8,000	-
13.	History	8,000	-
14.	Philosophy	8,000	-
15.	Sociology & Social Anthropology	8,000	-
16.	Punjabi	5,000	-
17.	Hindi	5,000	-
18.	Sanskrit	5,000	-
19.	English	5,000	-
20.	Anthropological Linguistics.	5,000	-
21.	Persian & Urdu	5,000	-
22.	Guru Gobind Singh Religious Studies.	5,000	-
23.	Library Science	5,000	-
24.	Education and Community Service	5,000	-
25.	Speech, Drama & Music	5,000	-
26.	French	2,000	-
27.	Russian	2,000	-
28.	Chinese	2,000	-
29.	German	2,000	-
30.	Tibetan	2,000	-
31.	Arabic	2,000	-
32.	Central Instrumentation Laboratory.	-	3,60,000
33.	Central Laboratories	-	4,30,000
	Total	7,17,000	13,80,000

-2-

BUILDINGS

(RUPEES IN LAKHS)

S.No.	Particulars of Building	Total Cost	UGC Share
1	2	3	4
1.	Observatory	3.00	1.50
2.	Museum and Herbarium	0.75	0.75
3.	Teachers Flats (for six teachers)	2.50	1.25
4.	Electric Generator for safe working of Sophisticated and Scientific Equipment	2.00	1.00
5.	Research Scholars Flats	2.50	1.25
6.	Extension of Science Laboratory	2.00	1.00
7.	Law College (Phase - I)	3.00	1.50
8.	Instrumentation Centre	3.00	1.50
9.	Animal House	0.50	0.50
10.	Botanical Garden and Tropical Plant House	0.75	0.75
		20.00	11.00

Annexure - IV to Item No. 2a(3)

Additional posts recommended by the Fifth Plan Visiting
Committee- Punjabi University, Patiala.

S.No	Name of the Department	No of Posts	Specialisation of Faculty.
1	2	3	4
1.	Physics	2 R	Low temperature Physics/ Nuclear Physics laser Physics/Modern Spectroscopy.
2.	Chemistry	1 R	Abalytical Chemistry
3.	Botany	2 R	Angiosperm morphology/ taxanomy/Ecology.
4.	Zoology	1 L 2 R	Bryology. Experimental Embryology/ Physiology
		1 L	Cytogenetics.
5.	Mathematics & Statistics	2 R	(1R for Statistics/ Pure Maths).
6.	History	1 P	
7.	Law	1 R	
8.	English	1 L	
9.	Education	2 L	
10.	Geography	1 P	
11.	Pol. Science	1 R 1 L	
12.	Human Biology	1 L	Social Anthropology

Non-Teaching staff

1.	Senior Engineer (Electronics) (Rs. 1100-1600)	One
2.	Engineer (Electronics) Rs. 700-1300)	One
3.	Workshop Supdt. (Rs.700-1300)	Two
4.	Senior Technical Assistants (Rs. 325-575)	Three

Total P- 2
R-11
L-7

Others 7
(non-teaching)

UNIVERSITY GRANTS COMMISSION

NEW SCHEMES OF A NON-RECURRING NATURE ACCEPTED BY THE COMMISSION
ON THE BASIS OF THE REPORT MADE BY THE FIFTH PLAN VISITING COMMITTEE

.....

GURU NANAK DEV UNIVERSITY

S.No	Department/Subject	Books (100%)	Equipment (100%)
1	2	3	4
(Rupees in lakhs)			
1.	Chemistry	0.50	1.00
2.	Physics	0.80	3.00
3.	Mathematics	0.50	0.50
4.	Biology	0.50	2.00
5.	Economics	0.50	-
6.	History	0.25	-
7.	Political Science	0.25	-
8.	Psychology	0.25	0.25
9.	English	0.25	-
10.	Hindi	0.20	-
11.	Punjabi	0.20	-
12.	Guru Nanak Studies	0.20	-
13.	Punjabi Language literature & Culture.	0.20	-
14.	Library Science	0.10	-
15.	Sociology	0.25	-
16.	Law	0.50	-
17.	Foreign Languages	0.10	-
18.	Misc. Central Library	1.50	-
19.	Central Instrumentation Laboratory.	-	8.20
Total -		7.05	14.95

BUILDINGS

S.No	Department	Approximate Cost	UGC Share	University/State Govt. Share.
1	2	3	4	5
1.	Library	69.00	6.00	63.00
2.	Arts Block	36.00	4.50	31.50
3.	Archival cell	1.00	1.00	-
4.	Animal House	1.50	1.50	-
Total			13.00	

Annexure VI to Item 2a(3)

ADDITIONAL STAFF ON THE BASIS OF RECOMMENDATIONS OF THE VISITING
COMMITTEE TO GURU NANAK DEV UNIVERSITY, AMRITSAR DURING FIFTH PLAN PERIOD

S.No	Department	No of posts	Specialisation of Faculty
1	2	3	4
1.	Chemistry	1 P	Organic or Physical Chemistry.
		1 R	Analytical Chemistry
		1 L	
2.	Physics	1 P	Experimental solid State Physics/modern spectroscopy including magnetic resonance & high resolution spectroscopy.
		2 R	Preferably one Reader for Modern Spectroscopy and one in experimental solid State Physics.
		3 L	Preferably one each in any one of the areas nuclear theory solid State theory, experimental nuclear physics, experimental solid state physics & spectroscopy.
3.	Mathematics	1 P	
4.	Biology	4 R	Ecology/Animal Physiology/ Plant Physiology/Experimental Embriology/Biochemistry (Animal).
		2 L	Plant Systematics and genetics.
5.	Economics	1 R	
		2 L	
6.	History	2 R	
		1 L	
7.	Psychology	1 R	
8.	Political Science	1 P	
		1 R	
		1 L	
9.	English	1 P	
		1 R	
		1 L	

p.t.o.

: 2 :

1	2	3	4
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10. Law 1 P

11. Sociology 1 P

1 R

2 L

12. Classical Foreign &
Indian Languages. 3 L

One each in German, Russian and
Persian.

13. Others- Non teaching Staff

1. Workshop Superintendent -
(Rs. 400-950) unrevised - 1

2. Sr. Technical Assistants -
(Rs. 325-575 Unrevised) - 5

3. Jr. Tech. Assistants -
(Rs. 210-425 - unrevised) - 3

P- 7

R- 14

L- 16

Others 9

SLK

Annexure to Item No. 2 a (10).

Copy of the Executive Council Resolution No. 477 dated 13.12.75

477/ (a) The Council considered the following recommendation of the Academic Council made at its meeting held on 4.12.75

X X X

After some discussion, the Council resolved that the recommendations made by the Academic Council as set out in Appendix-XXXI be accepted and that the amendments to ordinance as proposed by the Academic Council be made.

X X X

Appendix XXXI
E.C. (477) dt. 13.12.75

Ref : A.C. Res. No. 226 dated 13.11.1973.

X X X X

24/ That the report and the recommendation of the Committee appointed by the University Grants Commission relating to the strength of the Physical Directors in the Colleges be accepted and forwarded to the Executive Council vide enclosures (Appendix).

Copy of A.C. Resolution No. 213 dated 4.12.1975.

213/ The Council considered the report of the Committee appointed by the University Grants Commission relating to the strength of Physical Directors in Colleges (Vide Appendix XIX).

The Council resolved that the report and the recommendations made by the Committee be accepted and forwarded to the Executive Council.

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

1. Pay structure for teachers in Medical Colleges as approved by the Medical Council of India.

On the recommendations of the University Grants Commission, the Government of India agreed to revise the scales of pay of the teachers in the Central Universities w.e.f. 1.1.1973 as under :-

<u>Post</u>	<u>Existing Scale of pay</u>	<u>Revised scale of pay</u>
Lecturer	Rs. 400-950	Rs. 700-40-1100-50-1600
Reader	Rs. 700-1250	Rs. 1200-50-1300-60-1900.
Professor	Rs. 1100-1600	Rs. 1500-60-1800-100-2000-125/2-2500.
Professor (Senior Grade)	Rs. 1600-1800	
Professor of Eminence	--	Rs. 3000/- (Fixed)

The above revised scales were communicated to the Central Universities and are also applicable to the teachers in the Medical Faculties (Medical Colleges) attached to the Central Universities. In addition, the teachers in the Medical Faculties (Medical Colleges) are also entitled to the non-practising allowance. The rates of the existing non-practising allowance for teachers in Medical Colleges in the pre-revised scale of pay is Rs. 300/- p.m. for Lecturers, Rs. 400/- p.m. for Reader and Rs. 500/- p.m. for Professors.

The Government of India have recently communicated their decision regarding revised rates of the non-practising allowance to the teachers of the Medical Faculties of the Central Universities in the revised scale of pay as under :-

1. Lecturer - Ranging from Rs. 150/- p.m. to Rs. 300/- p.m.
2. Reader - Ranging from Rs. 250/- p.m. to Rs. 400/- p.m.
3. Professor - Ranging from Rs. 300/- p.m. to Rs. 450/- p.m.

While the revised rates of non-practising allowance admissible to the Lecturers and Readers in the Medical faculties of the Central Universities in the revised scale of pay have been communicated to the Concerned universities

as these were in accordance with the recommendations made by the University Grants Commission, the question of non practising allowance to the Professor has been taken up with the Government of India for reconsideration.

The Medical Council of India has recommended the same pay structure for full time non-practising teachers in Medical colleges as those recommended by the University Grants Commission for the university teachers. It has, however, recommended the non-practising allowance at the rate of 50% of the basic pay subject to a maximum of Rs. 600/- p.m.

The resolution adopted by the Medical Council of India on the pay structure for teachers in the Medical Colleges is as under :-

"The pay structure for full-time nonpractising teachers in medical colleges should be the same as that recommended for university teachers by the University Grants Commission plus 50% of the basic pay subject to a maximum of Rs. 600/- as Non-practising allowance."

The State/Central Government are requested to implement to above recommendations as early as possible in all categories of Medical Colleges. This is absolutely essential to attract the right type of persons for taking up medical teaching and research and continue in the same."

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(2) University of Hyderabad- Appointment of Teaching posts.

The Commission at its meeting held on 29th September, 1975 (item No.28) desired that the university may appoint 2-3 persons in senior positions in each School either as Professor or as Associate Professor depending upon the availability of the persons, so that it could formulate its academic programmes. The university was requested to let the Commission know the steps taken by it in this direction. The Vice-Chancellor in his letter dated 21st June, 1976 has expressed certain difficulties in making the appointments of faculty. A copy of the letter is attached (Annexure). The nomination of the Visitor on the Selection Committee has also since been made. The university has however, assured the Commission that the appointments would be made before the end of July, 1976.

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Annexure to Item No. 2b (2)

Copy of University of Hyderabad letter No. UH/VC/29 dated June 21, 1976
Address to Shri R.K. Chhabra from Gurbaksh Singh.

Kindly refer to your letter dated 15th June, 1976, regarding the appointments of teaching staff at the University of Hyderabad.

As you are aware, the draft Ordinances regarding the conduct of the Selection Committees are awaiting approval by the Ministry of Education. According to these ordinances the representative of the Planning Board and the Visitor's nominee must both be present on the Selection Committee meeting. It has not been possible so far to have these members available for this purpose.

The Visitor's nominee for Humanities and Social Sciences is abroad and is expected to be back by 15th July. The Visitor's nominee for Physical Sciences is also expected to return to Delhi on 22nd June 1976. The Planning Board representative for Life Sciences returned to India only on 15.6.1976. The Visitor's nominee for Life Sciences and Environmental Geo-Sciences has not been appointed. Similarly the Planning Board representative for the School of Mathematics is expected to return from abroad only towards the end of June 1976. Besides this the terms of appointment of the visitor's nominee for different Schools is due to expire on 30.6.1976. I understand that the names of the new Visitor's nominees would be available soon. We have moved the Ministry in this regard.

I am most anxious to make the teaching appointments without further delay. I hope to complete this job before the end of July 1976.

With kind regards.

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Item No. 2 (c) : To receive the statement of proposals which could not be accepted by the Commission.

- (1) The following proposals of the colleges have not been approved for financial assistance under Rs. 5 lakh schemes during the Fifth Five Year Plan period due to the non-fulfilment of the eligibility conditions indicated below :-

S.No.	Name of the College	Project	Estimated Cost	Date of order	Reason
<u>AGRA UNIVERSITY</u>					
1.	Dau Dayal Mahila Mahavidyalaya Firozabad (U.P.)	Books & Equipment furniture, construction of Hostel Building	3,95,000/-	11.6.76	Condition of minimum staff

GORAKHPUR UNIVERSITY

2.	Baba Raghav Das Bhagwan das Degree College, Ashram Barhaj, Deoria (U.P.)	Teachers Accommodation	1,83,548/-	27.5.76	-do-
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1	2	3	4	5	6
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GURU NANAK UNIVERSITY

3.	Guru Nanak Prem Karamsar College, Nadala (Distt. Kapurthala)	Construction of Class rooms & Lib.	2,48,000/-	6.3.76	Condition of minimum enrolment.
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KURUKSHETRA UNIVE-RSITY

4.	B.P.S.M. Girls College, Khanpur Kalan.	Construction of Women's Hos tel, staff Qrs., Library Lab. & Class Rooms.	4,06,000/-	30.5.76	-do-
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KASHMIR UNIVERSITY

5.	Vishwa Bharati Women's College Rainawari	Exten. of Laboratory & purchase of furniture.	4,33,000/-	27.5.76	-do-
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2. Proposals of colleges not accepted by the Commission under Rs. 5.00 lakhs scheme.

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The proposals of the following colleges have not been approved by the Commission under Rs. 5.00 lakhs schemes during the Fifth plan period.

S.No	Name of the College	Project	Estimated Cost(Rs.)	Date of order	Reasons
1	2	3	4	5	6

OSMANIA UNIVERSITY

1.	A.V. College of Arts & Commerce (Evening), Hyderabad.	i) Extension of building ii) Books & Journals	Rs.5,00,000/- Rs. 75,000/- <u>Rs.5,75,000/-</u>	30.4.76	Low Staf strength than the minimum required as per rules.
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1	2	3	4	5	6
2.	Amrat Kapadia Navjivan Women College, Hyderabad.	i) Equipment	Rs. 5,35,000	10.6.76	Lower Student enrolment than require- -ed under rules.
		ii) Books & Journals	Rs. 1,32,500		
			<u>Rs. 6,67,500</u>		

ANDHRA UNIVERSITY

3.	The Pandanandi Padu College, of Arts & Sce. Pandanandipadu	i) Workshop & Animal House	Rs. 70,000/-		
		ii) Books & Journals	Rs. 1,28,850/-	26.4.76	-do-
		iii) Equipment	Rs. 1,60,000/-		
		iv) Girls Hostel	Rs. 2,85,000/-		
			<u>Rs. 6,43,850/-</u>		

SHRI VENKATESWARA UNIVERSITY

4.	Silver Jubilee Government College, Kurnool			10.3.76	-do-
		-----Details of specific projects not received-----			

CALICUT UNIVERSITY

5.	St. Mary's College, Sultan's Battery, Calicut			28.1.76	-do-

S. No.	Name of the College	Project	Estimated cost Rs.	Date of Orders	Reasons
<u>BANGALORE UNIVERSITY</u>					
6.	Jyoti Nivas College, Bangalore.	Additional teaching accommodation	2,86,942/-	10.3.76	Due to less enrolment
<u>KARNATAK UNIVERSITY</u>					
7.	S.B. College of Science, Gulbarga.	i) Construction of teaching accommodation.	1,68,000/-	1.11.75	-do-
		ii) Equipment, Books & Furniture	1,32,000/-	1.11.75	-do-
			3,00,000/-		
8.	Sri Prabhu Arts & Science College, Shorapur.	i) Books & Journals	43,550/-		
		ii) Equipment	1,66,400/-	1-9-75	-do-
			2,09,950/-		
<u>MYSORE UNIVERSITY</u>					
9.	Cauvery College, Gonikopal	i) Extension of Building.	2,34,000/-	2-12-75	-do-
<u>MADRAS UNIVERSITY</u>					
10.	Providence College for Women, Coonoor.	i) Construction of Hostel Building.	8,61,400/-	7-6-76	-do-
11.	Vellarar College, Erode.	i) Animal House Building.	1,41,712/-		
		ii) Animal House Equipment	10,000/-	031-5-76	-do-
			1,51,712/-		
12.	M.R. Arts Govt. College, Manargudi.	i) Books & Journals	20,000/-	24-6-76	-do-

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

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Meeting:

Dated : 19th July, 1976.

Item No.3 To approve the statement of grants released after the last meeting of the Commission held on 3rd & 4th June, 1976.

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P L A N

Name of the University and Colleges	Subject	No of Instalment	Grants approved Rs.
<u>Agra University</u>			
	Seminar on Industrial Growth of Agra Region.	-	3432
<u>Affiliated Colleges Agra University</u>			
Agra College, Agra.	Senior Research Fellowships in Sciences/Humanities including SS/R Fellowships in payment of contingency grant		2000
Barilly College, Bareilly, Hindu College Moradabad	National Associateship Scheme		750
Agra College Agra	Financial Assistance to teachers Code No. 6634	Ist	750
Tika Ram Kanya Mahavidyalaya Aligarh	-do- Code No. 5553	Ist	3000
Kothiwal Arhtiya Mahavidyalaya, Kassganj	Grant towards the loan of books to students.	Ist	8437
Institute of Oriental Philosophy, Vindaban, Mathura	-do-	Ist	8437
Sri Vavshaeya College Aligarh	-do-	Ist	4500
Birla Govt. Degree College Srinagar (Garhwal)	Library Books	Ist	10000
DEI Women's Trng College Dayalbagh Agra.	Development of Play field.	IInd	1500
	Development of Post graduate Studies	-	36689

p.t.o.

1	2	3	4
DEI Women's Trg College Dayalbagh Agra.	Development of Post-Graduate studies in Humanities and social Sciences during the IV Plan Period -	Final	8720
Tikaram Girls Degree College, Aligarh	Faculty improvement programme.		11011
St. John's College Agra.	U.G.C. Assistance for the Research project entitled EHASA of Dr. Santoksh Singh School of Entomology, St. John's College Agra		4800
Tikaram Girls Degree College, Aligarh.	Payment of Salary to Km. Kusum Late Lecturer in Hindi.		9945
DIE Women's Trg. College, Agra.	Writing of University level books		4300
			1,18,271

2. Allahabad Univ-ersity

Allahabad University Allahabad.	Constr. of boyes Hostel		200000
	U.GC Assistante for Research project entitled.		2400
	Senior Research Fellowships in Sce - payment of Fellowship		2690.32
	-do-		5593.55
	-do-		4800
	Financial Assistance to Teachers for Research/learned work in humanities and S Science.		1250
	U.G.C. Assistance for research Project.		5000
	Award of National Fellowship. Prof. D.Sinha.		2000
	Utilisation of service of O/S retired Teachers payment of Grant		9000
			2,32,733.87

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
3.	<u>Aligarh Muslim University</u>		
Aligarh Muslim University.	Construction of Amenities Block Faculty of Arts Buildings		10000
	Organisation of a seminar on amendments to the Constitution of India - Sanction of grant for Seminar on the Problems of the Origin of Urdu Language.		8000
	Construction of Electrical-Engg. 11th Block for ZH College of Engg.		1850
	Recurring Grant for the AS, History		75000
	Seminar on Islam in a Changing world		100000
	Construction of Building for the 8th department of Business Management.		8423
	Seminar on Syllabi of Hindi Language.		10000
	Payment of Scholarship in R/O Mr. Md. Hassan Zamir Safi, IS at the centre of Advanced Study in History		9798
	Award of Junior fellowship of the value of Rs. 400 p.m. to the students admitted during 73-74 to 75-76.		6000
	Requirement of the University arising out of the equipment acquired under US 12		200000
	Construction of Rock Cutting Workshop Geology Department	IVth	25000
	Construction of 12 Dupliex Lecturers Quarters		5000
	Construction of 100 Women's Students Hostel.		100000
	Utilisation of services of o/s Retired teachers.		100000
	A.M.U. Construction of 36 Quarters for class IV staff Quarters.	VI	6257.74
			200000

1	2	3	4

Aligarh University Contd.			
	Fifth Plan Development Schemes		
	Purchase of Furniture for the Department of Sociology & Commerce		7500
	-do- Zoology & Geography		15000
	-do History & Pol. Sce.		10000
	-do- Herberium Botany Department		30000
	Support for Advanced Research in the Humanities and Social Sciences.	Ist	5000
	Senior/Junior Research Fellowships in Sciences/Humanities/Engineering and Technology		680.65
	Jr. Research Fellowships in Sciences Payment of Fellowship and Contingencies		1200
	Senior/Junior Research Fellowships in Science/Humanities including Social Sciences/Research Fellowships in Engg. & Technology payment of Fellowship.		4000
	Research Fellowships in Engg. & Tech. Payment of Fellowship.		6000
	-do-		6000
	Writing of Univ-ersity level books/ monographs.		3552.26
			9,54,261.65

4. Andhra University, Waltair

Andhra University Payment of Fellowship waltair-		4800
Junior Research Fellowships in Sciences		1500
Payment of fellowship and Contingency grant.		7419.35

p. t. o.

Andhra University Contd.

	Research Fellowships in Engg. & Technology.		7419.35
	Senior Research Fellowships in S/H including Social Sciences/Research fellowships in Engg.		7387.10
	-do-		3858.06
	-do-		4000
	-do-		6000
	-do-		6000
	-do-		6000
	-do-		6000
	Construction of Women Hostel		6500
	Students Aid Fund in Universities		13512
	Utilisation of teachers of o/s nature		3112.90
	Payment of unassigned grant 74-75		9000
	UGC Assistance for research project		4800
	National Association Scheme		1000
	Financial assistance to teacherw	Ist	1500
	-do-	Ist	2150
C.R. Reddy College.	-do- Students Aid	Ist	2750
R.V.V.N.College Amaravathi.	-do-		1000
Pedanandipadu College of Arts A.P.	Book bank setting up of Final		2500
SSB Soma College, Ongole	Constr.of Lib. Building Final		39333
V.K.C.R.College, Bhuddhavaram	Grant for purchase of Lib. Books & Equipt.		75000

p. t. o.

A.M.A.L. College Anakapalle	Development of play field & Purchase of accessories for games & supports.	Final	1863
Andhra Loyals College Vijayawada	College Humanities and Social Sciences Development Programme		13000
Andhra Jateeya Kalasala Machilipatnam	Support for advanced research in the Humanities and Social Sciences.	First	2000
Government College Rajamundry	College Science Improvement Programme-	Second	50000
Andhra University College,	Assistance for research proj		25000
			U
			3,14,404.76

5. Andhra Pradesh Agricultural University

Students Aid Fund			3147
41st Convention of the Indian Society of Soil Science			3000
			6,147

6. Annamalai University, Annamalai Nagar

Senior/Junior Research Fellowship in Science/Humanities- Payment of Fellowship			4800
Assistance for the research Proj. entitled Studies on organic matters in the Coastal waters of Porto Navo.			4800
-do-			15000
Utilisation of o/S retired teachers			9000
Assistance for the research Proj. entitled- Studies on the marine			9000
Support for advanced research in the Humanities and SS.	Ist		5000

47,600

1	2	3	4
<u>7. Affiliated Colleges, A.P. Singh University</u>			
Kamla Nehru Girls College, Satna (M.P.)	Students Aid Fund		396
TRS Arts College, Rewa M.P.	Financial Assisatance to Teachers for research/learned work	IIInd	1500
Total			<u>1,896</u>
<u>8. Affiliated College, Avadh University</u>			
Rana Pratap Singh Degree College, Sultanpur	Students Aid Fund in the College		1000
BNKB Degree College, Akbarpur Faizabad.	Purchase of Books & Journals and Ist equipment		20000
Total			<u>21,000</u>
<u>9. Bangalore University, Bangalore</u>			
	Utilisation of services of o/s retired teachers		9000
	Conference on 21st IS of Tech. and applied Mechanician		3000
	Seminar on Censtics Studies of Mosquitoes		11838
	Assistance for the research proj.		8400
	21st Congress of the Indian Society of Theoretical and applied Mechanics		5000
	Development scheme under Plan period purchase of Books & Journals	IIIInd	100000
	Development of Post-graduate courses in Engineering & Tech.		60000
	National Conference of Working Women Journalists.		3000
<u>Affiliated Colleges of Bangalore University</u>			
R.V. College of Engineering Bangalore	Aid Fund to colleges for the year 75-76		1750

1	2	3	4

Affiliated College Bangalore University Contd.			
The national College Basavan- gudi, Bangalore.	Establishment of Book Bank		2750
Ramnarayan Cheilaram College.	-do- loan grants	Ist	8500
		Total	<u>2,13,238</u>

10. Banaras Hindu University, Banaras

Financial assistance to teachers in the University and colleges for undertaking research work in Sciences Payment of 1st Inst.	5000
-do-	3500
-do-	1250
Research Fellowships in Sciences/ Humanities- Payment of Fellowship and Contingency grant.	3535.48
-do-	2000
-do-	1500
-do-	1500
-do-	2000
-do-150	1500
Payment of fellowship -do-	6000
-do-	6000
-do-	700
-do-	6000
-do-	6000
-do-	6000
-do-	6000
-do-	2167.74

1	2	3	4
Banaras University Contd.			
	Senior/Junior Research Fellowship payment of Fellowship.		2090-32
	-do-		6000
	Utilisation of Services of O/S retired Teachers Payment of Grant		792.12
	-do-		4500
	-do-		2175
	-do-		9000
	Construction of a Hostel for 212 Men Extension to the Mech. Engg Building Final		820.47 6000.
	Setting up of an Industrial Complex		300000
	Organisation of All India Conference of the Language Teachers teaching their languages to non-native speakers.		3000
	Consolidation & Development of 4th Civil Electrical & Mechanical Engineering- purchase of Furniture		4500
	Re-organisation of P.G. Courses in III Pharmacy- College of Tech. - Furniture.		900
	Institute of Model Sciences- Providing & Laying of external services water main and Road fencing etc.	IIIrd	30000
	Improvement of the existing Boundary wall of the BHU.	4th	20000
	Construction of Boundary wall of the new medical enclave	4th	50000
	Seminar on Human Reproduction Maternalanamia and Nutriation affecting Placenta and Foetus		9522
	Holding of the IX Annual Conference of Indian Pharmacological Society in the University in Dec. 1976.		5000
	Grant in aid for Educational Tour in r/o the students of IVth year Chemical Engineering- BHU		6199.69

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
B.H.U. Contd.	U.G.C. Assistance for the research project entitled Support for Research Scheme.		4800
	Expansion of surgical Research Lab. of the Inst. of Medical Sce.	8th22009.10	
	Assistance for the research proj. entitled The Mechanism of Rearrangement of Cycloprophylallyl Cations.		4800
	Re-organisation of Course in Applied Arts- Construction of Building <u>Final</u>		17029
	Holding of the 29th Conference of the Indian Commerce Association in July, 1976.		5000
	Writing of university level books		1761.77
	-do-		5160
	Seminar on Air Pollution Control Emission of Sulphur Dioxide in Chemical Industries Metallurgical Operations & Power Plants in India.		12305
	Centre of Advanced Study in Philosophy Extension of the 2nd Floor lib. bldg.		1797.84
	UGC Assistance for the research Proj.		25000
	-do-		29900
		Total	6,45,715.53

11. Berhampur University, Berhampur

Construction of six Nos of Prof. and five nos of Readers and 2 Supdt. and 2 Asstt. Supdt. Quarters. 300000

Grants in aid towards the field trips for the department of labour & S W Vth Plan. Ist 8000

-do- 35000

-do- Ist 4000

-do- Ist 15000

Contd....

1 - - - - - 2 - - - - - 3 - - - - - 4 - - - - -

Berhampur University. Contd.

Grant in aid towards the collection
of manuscripts for the department
of oriya- Fifth Plan Scheme. Ist 5000

Affiliated Colleges, Berhampur University.

Khallikote College, College Science Improvement
Berhampur, Programme - Selected Colleges Proj. 5th 20000

ALL College, Students Aid Fund in the Colleges 897
Berhampur
Orissa

Govt. Sce. Purchase of Laboratory Equipt. ivth 1773
College,
Orissa.

Total 3,89,670

12. Bhagalpur University, Bhagalpur

University Grants Commission
Assistance for the research
project entitled Physiological and
Biochemical Studies on Seed- Microflora of
Dr. KS Bilgrami, P.G. Department
of Botany, Bhagalpur University,
Bhagalpur- Fifth Five Year Plan,
Period 6750

Affiliated College to Bhagalpur University

H. College, Financial Assistance during
Bhagalpur Vth Plan period 6000

Jamtara College, Grants to college lib. for loan
Jamtara of books to students Ist 4500

T.N.B. College, -do- Ist 11000
Bhagalpur

Total 28,250

13Bhopal University, Bhopal

Organisation of Short term.
Institute. 19000

Development of play-fields Final. 1250

p. t. o.

1 - - - - - 2 - - - - - 3 - - - - - 4 - - -
Bhopal University Contd.

	Higher Education & Research		100000
	Recurring Grant for Teaching Staff		15000
	Organisation of a Seminar on Regional Planning and Economic Growth at Government Hamidia Arts		9228
	Utilisation of Services of o/s retired teachers		9000
	-do-		9000
<u>Affiliated College</u>			
SSLPG College Vidisha	Financial Assistance to Teachers for research/Learned work in Humanities and special science- payment of	IIInd	500
Govt. P.G.College Sehore	Students Aid Fund		800
Ravindra Collège, TI Nagar Bopal	Grants to College Libraries for Loan of Books to students		8000
	Total		<u>1,71,778</u>

14. Bihar University, Bihar

	Unassigned grant for 75-76	IIIrd	7500
<u>Affiliated College, Bihar University</u>			
Rameshwar Mahavidyalaya Muzaffarpur Bihar	Grant aid for extension of Science laboratory	IIIrd	22435
Dr. Rammanohar Lohia Smarak Mahavidyalaya Muzaffarpur	Students aid fund in the colleges		750
M.P. Sinha Sce. College, Muzaffarpur.	-do-		750
Singh College, Jaintpur Muzaffarpur	-do-		725
Gopalganj College, Gopalganj Bihar.	Grants College libraries	Ist	5500
	Total		<u>37,660</u>

1 ----- 2 ----- 3 ----- 4 -----

15. University of Bombay, Bombay.

	Organisation of a regional workshop on grading under examination reform programme	Final	2126.23
	Centre of Advanced Study in Mathematics university of Bombay- Release of Basic Grants.		40000
	Grants to Schools/Instt. /Directorates of Correspondence courses	Ist.	9000
	Seminar on reform Moments in 19th Century		6728
	-do-		4284
	Writing of University level books		2088.39
	Award of Junior Fellowship of the value of Rs. 400/-		120000
	Post-graduate course in Chemical Engg. Technology Senior Research		19148.50
	Senior/Junior Research Fellowship in Humanities/Sce.		4800
	-do-		2903-23
	-do-		6596.77
	<u>Affiliated College</u>		
Goa Medical College.	Students Aid Fund in the Colleges		342
Sir M.V.College, Bombay.	Sir MV	-do-	2250
Parle College Ville Parle Bombay		-do-	1460
Smt. PCCFCA&S Nargao Goa		-do-	1750
Goa Education Society College of Arts and Sce.	Construction of Library building	Final	4500
Sophia College for Women Bombay	Books to students	Final	2800

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Affiliated College, Bombay University Contd.			
National College and MA Sce College, Bombay.	Grants towards college for loan of books to students setting of book bank.	Final	4750
Institute of Science Bombay	Assistance for the research project entitled effects of Industrial Air Pollutitute of Science		3600
RA Poddar College of Commerce Bombay	Development of Postgraduate studies in Humanities and social sciences.	Ist	4500
RR Colle ge Bombay.	-do-	Ist	3100
Maharashtra College of Arts & Sce. Bombay	Students welfare programme "		5000
Institute of Sce. Bombay.	Research in Sce. Payment of fellowship		2052.68
Total			<u>2,53,779.80</u>

16. Bundelekhan UniversityAffiliated Colleges, BundeleKhan university

Shri Agarsen Maha- Vidyalaya Nauranipur Jhansi	Grants towards the loan of books	Ist	4500
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Total 4,500

17. University of Burdwan, Burdwan

Research Fellowship in Sce. Payment of Contingency grant	1500
Grant in aid purchase of library books & Journals Vth Plan Scheme	200000
	p. t. o.

----- 1 ----- 2 ----- 3 ----- 4 -----

Burdwan University Contd.

Utilisation of Services of o/sretired teachers- payment of		1190
UGC assistance for the research proj		6800
-do-		6000
Development of Play field	Final	942
Grant in aid for the purchase of Machinery and Equipt	Ist	15000
Visit of Dr. NK De, Reader Indeography to UK under the programme of Exchange of Vistis		10945

Affiliated Colleges, Burdwan University

Raghunathpur College, Westbengal	Grants to college lib. for loan of Books to Students Book Bank	Ist	11000
Chandernagove College Hooghly	-do-	Ist	11000
Rampur Hat College, Rampurhat W.B.	Students Aid Fund in the Colleges		2717
-do-	Financial Assistance to teachers in the universities and colleges for undertaking research or learned work in Humanities including Social Sciences.	Ist	1750
		<u>Total</u>	<u>2,78,844</u>

18. Calcutta Univ-ersity Calcutta.

UGC assistance for the research Proj	8700
Award of Teacher Fellowship to Shri Umesh Chandra Lavania, Lecturer	4000
Utilisation of Services of o/s retired teachers payment of	8411.29
-do-	9500
Award of Teacher Fellowship to Shri Banka Behari Chakraborty	4000

Calcutta University Cont.

Writing of university level books		3600
Grant in aid for the implementation of NASS	Final	600
Basic grant for the purchase of library books	IIIrd	5000
UGC grants/assistance for the research project entitled synthesis, R Reactions and screening of Indole Derivatives having pharmacological and Insecticidal Properties.		12600
Symposium on Modern Trends in Zoological Researches in India		2000
National Associationship Scheme		1200
UGC Assistance for the research Proj		2400
-do-		3600
Senior Research Fellowship in Sce. payment of fellowship		13200
-do-		2000
-do-		2000
-do-		2496.77
-do-		6706.67
-do-		6000
-do-		6000
-do-		6000
-do-		3,200
-do-	Ist	3200
-do-	Ist	5000
-do-	Ist	4000
-do-	IInd	1500
Students Aid Fund in the Colleges		406.50

1	2	3	4
Affiliated Colleges Calcutta University,			
Maulana Azad College RAK Road, Calcutta	Students Aid Fund		1538
SS Mahavidyalaya Ajodhya, Howrah WB.	-do-		786
G.C. Collge West Bengal	-do-		820
JR College West Bengal	-do-		2250
R.M. College Calcutta.	-do-		4250
RPM College, Hooghly W Bengal	-do-		3691
V.College Sankar Ghose lane West Bengal	-do-		1643
New Alipore College Calcutta	-do-		1578
M. Ma havidyalaya West Bengal	-do-		1125
MBB College Tripura	-do-		14000
Karimpur Pannadevi College Karimpur	-do-		8000
JCC Colle ge West Bengal	-do-		3250
Presidency college Calcutta	Programme of Special Assistance to selected Departments- Centre for Economics Studies		75000
R.M. R. College, West Bengal	Utilisation of services of o/s retired teacher payment of grant		10064.52
R.P.J. College, Uttarpore, Hooghly	Financial Assistance to teachers in the universities and colleges for undertaking research work		3250

 Affiliated college Calcutta University Contd.

M. College, West Bengal	Financial assistance to teachers to teachers in the universities and colleges for undertaking research work in science - payment of 1st instalment of grant.	2305
R.P.J. College, Hooghly W.B.	-do-	3250
Midnapore college, W.B.	-do-	4105
Presidency College, Calcutta	-do-	1750
-do-	-do-	2000
D.A. College 24 Pargana	-do-	2500
MBB College Tirpura	-do-	2250
Bangabasi College Calcutta	-do-	2500
	Total	<u>2,73,976.75</u>

19. Cochin University, Cochin

Salary of staff for the MBA programme.	75000
Students Aid Fund-75-76	1000
Total	<u>76,000</u>

p. t. o.

20. CALICUT UNIVERSITY

	Seminar on the contribution of South India to Arabic Literature.		5,784
	Grant for meeting the expenditure on joint survey of postgraduate departments of affiliated colleges of the Calicut University	Ist	2,000
	Construction of Radiation Research Laboratory for the Physics department	2nd	70,000
<u>Affiliated colleges</u>			
	Sree Narayana Grant for the purchase of college, Quilon books and equipment - Improvement of undergraduate educational studies		65,000
Farook college, Calicut	Financial assistance to Teachers for research/learned work in Humanities and Social Sciences	end	1,250
-do-	Basic grant for the purchase of equipment	Ist	10,000
-do-	-do-	Ist	5,000
-do-	-do-	Ist	10,000
Guruvayoorappan college, Kozhikode	Construction of Women's Hostel	Ist	50,000
Christ college, Irinjalakuda	Establishment of Book-Bank	Final	3,250
Vimala college, Trichur	Recurring expenditure for the year 1975-76-Health Centre.		5,762
Guruvayarappan college, Koshikode	Development of play field & purchase of accessories	Final	1,500
Sree Kerala Verma college, Trichur	Utilisation of Serviced as of outstanding retired teachers		9,883-33
-do-	-do-		11,847-80
Total:			2,51,277.13

21. DELHI UNIVERSITY

Senior Research Fellowship in Sciences		3,335-48
-do-		2,329-03
-do-		6,492-86
-do-		4,800
-do-		3,883-87
-do-		7,200
-do-		6,812-90
-do-		4,800
-do-		4,800
-do-		6,600
-do-		5,806-45
-do-		6,600
-do-		1,500
-do-		2,000
-do-		1,500
-do-		2,000
-do-		1,500
-do-		800
Utilisation of Services of Outstanding retired teachers Research Associateship in Sc.		8,250 8,108-61
Collaborative research project Study of interactions of 400 Gev/C protons with nuclei' to be undertaken at Physics Deptt. of Panjab, Delhi, Rajasthan and Jammu Universities.		3,500
UGC assistance for the research project entitled 'Hormonal Regulation of Implantation with Particular Reference to the Action of Estrogen and Progesterone on Nucleic Acid and Protein Synthesis in the Uterus and Elastocysts' of Prof. M.R.N. Prasad		50,000
Construction of staff quarters for non-teaching staff		50,000
Development of plot on Reids Lines for construction of non-teaching staff quarters.	7th	50,000
Construction of P.G. Men's student Hostel for 100 students in Goyer Hall.	6th	1,00,000

contd.

Outstanding Standing Retired Teachers.- Utilisation of Services of.	11,000
University Grants Commission assistance for the research project entitled Genetical and Behavioural Variability in Rhesus Monkeys living under different ecological conditions.	9,600
University college of Medical Sciences - Payment of plan grant Ist	4,00,000
Installation of X-ray machine Ist	15,000
Construction of extension of Arts Faculty Building.	75,000
Symposia on Animal Physiology and Comparative Endocrinology	16,963
Centre of advanced study in Chemistry - Release of basic grant for purchase of books & journals during 1976-77	45,000
-do-	1,50,900
-do-	1,50,000
Utilisation of Services of Outstanding Retired teachers	9,486-81
University college of Medical Sciences - Maintenance grant for 1976-77 - Payment of.	end 3,30,750
Centre of Advanced study in Physics - University of Delhi release of non-recurring grant	200,000
University Grants Commission assistance for the research project entitled 'Apparently Covalent compounds of Highly Electropositive Elements and their applications in Biological Systems'	70,000
Payment of grants towards appointment of additional staff in Humanities and Social Sciences Ist	1,00,000
Assistance for the research project entitled Studies in Photodynamically active compounds	12,000

DELHI UNIV. CONTD.

Assistance for the research
Project entitled 'Thermodynamics
and Electrochemistry of Molten
Selts' 4,800

Purchase of furniture for class
room, staff room, common room and
library block 25,000

AFFILIATED COLLEGES

A.R.S.D.
college,
New Delhi Construction of Science block
for B.Sc.(Hons.) in Physics
and Chemistry. 50,000

S.R. college
oc Commerce,
DELHI. Replacement of electric wiring
in the college building. 20,000

Kamla Nehru
college, Delhi Purchase of Furniture and
equipment. 9,500

Shivaji college,
Delhi. Transfer of Botany and Zoology
(Hons.) to the college - Purchase
of equipment. 20,000

Shiyaji
college,
New Delhi. -do- 20,000

Zakir Hussain
College, Delhi Development of Play field and
purchase of accessories for
games and sports. Final 782

Dr. Zakir Hussain
Memorial college,
Delhi. Writing of university level
books/monographs. 1,800

Dyal Singh
College,
New Delhi. Establishment of Students
Aid Fund 3,750

Dr.Zakir
Hussain
Memorial
College,
Delhi. Purchase of library books
consequent upon the intro-
duction of B.Com(Pass) 2,000

Lady Irwin
college,
New Delhi. Writing of university level books/
monographs. 1,500

Contd.

Dyal Singh college, New Delhi.	Financial assistance to Teachers for research/learned work in Humanities and Social Sciences	500
A. R. S. D. college, New Delhi.	-do-	1,000
Swami Shardhanand college, Delhi.	Travel grant to Dr, O. P. Nagpal Lecturer, for visit to Philadelphia as a member of Indian delegation	7,000
Miranda House Delhi.	Construction of teachers Hostel	20,000
Kirori Mal college, Delhi	Grant for the purchase of Water Cooler.	4,000
A. R. S. D. college, New Delhi.	Establishment of Book-Bank	25,000
Deshbandhu college, Delhi	Establishment of S. A. F.	1,000
Zakir Hussain College, Delhi	Establishment of S. A. F.	2,790
St. Stephen's college, Delhi	Expedition to the Tons Clacier are in Garhwal by the Hiking Club of the college.	5,000
Lakshmi Bai college, Delhi	Grant for the purchase of library books for B. A. (Hons.) in Political Science	1,500
Bhagat Singh college, N. Delhi	Financial assistance to Teachers for research/learned work in Humanities and Social Sciences	1,500
Ramlal Anand college, N. Delhi	Purchase of furniture for class rooms, Staff Room, Common room and library block	16,000
Mirand House, Delhi	Establishment of SAF	2,225
Lady S. R. college	Research fellowship	Ist 2,250
-do-	-do-	Ist 2,250
Smai Shardhanand	do	Ist 1,000
Sri Venkateswara	-do-	Ist 500
	Total	<u>20,90,066.01</u>

22. DIBRUGARH UNIVERSITY

Seminar on Cultural and Biological Adaptability of Men with special reference to North East India.		9,177
Construction of Teachers Staff quarters		25,000

AFFILIATED COLLEGES

Women's college, Tinsukia	Students Aid Fund		750
G.K.B.College, Teok	Purchase of Books	Final	4,000

Total: 38,927

23. GARHWAL UNIVERSITY

Seminar on Himalayan Studies and Regional Development.		3,000
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AFFILIATED COLLEGES

D.B.S.College, Dehradun	Student Aid Fund		928
D.A.V.College, Dehradun	Book-Bank	Ist	16,875

Total: 20,803

24. GAUHATI UNIVERSITY

Research Fellowship		6,796-55
Establishment of Examination reform and research unit.		18,000

AFFILIATED COLLEGE

Purchase of laboratory equipment.	Final	5,000	
Arya Vidyapeeth College, Gauhati	College of Science Improvement Programme-selected colleges project.	3rd	60,000

Affiliated colleges contd.

Bajali College Kamrup	Students Welfare Programme	Final	4,657-64
Barnagar College Sorbhog	Const. of Men's Hostel	3rd	30,000.
St. Edmund's college, Shillong	College Science Improvement Programme	Final	40,000
Karimganj college, Karimganj	Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Humanities including Social Sciences/Sciences.	Ist	1,350
B.N. College, Kamrup	Establishment of Book-Bank	Final	1,500
Rajali College, Pathsala	-do-	Final	1,500
Hangaidaicollege, Mangaldai	-do-	Final	5,250
Karimganj college, Karimganj	-do-		1,340
Gauhati Commerce college, Gauhati	Students Aid Fund		1,150
Imphal college, Imphal	-do-		1,200
D.M. College, Manipur	-do-		3,750
			Total: 1,81,493.89

25. GORAKHPUR UNIVERSITY

Utilisation of Services of Outstanding Retired teachers	2,750
Assistance for the research project entitled Studies on endocrine glands related to plasma calcium regulation in certain vertebrates.	2,400
Research fellowships in Sciences	1,500
Assistance for the Research Project entitled Structural studies of Metal Tetrathiocyanate & hexathiocyanate complexes.	18,600

GORAKHPUR UNIVERSITY CONTD.

AFFILIATED COLLEGES

B.R.D.DEGREE college,Deoria	Construction of Residential Flats for teachers.	3rd	20,000
Kishan post- graduate college, Bahraich	Development of play field & purchase of accessories for games and sports.	Final	1,500
J.N.S. Degree college,Gorakhpur	Purchase of Lab.equipment	Ist	30,000
-do-	Purchase of Books & Journals	Ist	50,000
K.S.S.P.G.college, Faizabad	Financial assistance to teachers in the universities and colleges for undertaking research work in sciences.	Ist	650
Udai Pratap college,Varanasi	Writing of University level books/monographs.		4,300
Degree College, Bhatwali Bazar, Gorakhpur.	Establishment of Book-Bank	Ist	4,500
G.V.Pant degree college,Pratapgarh	-do-	Ist	5,625
Mathura Degree college,Rasra	-do-	Ist	4,500
M.M.M.Degree college,Bhatpur Rani	-do-	Ist	14,500
Gulab Devei Mahila Mahavidyalaya, Ballia	-do-	Ist	4,500
-do-	-do-	Ist	4,500
Gandhi Shatabadi Samark Mahavidyalaya, Koilsa	-do-	Ist	8,437
Shri Murli Manohar Town Degree college, Ballia	-do-	Ist	16,875
S.B.Degree college, Dadar Ashram	-do-	Ist	4,500
Kuteer Mahavidyalaya, Jaunpur	-do-	Ist	4,500
Mahajan Degree college, Gorakhpur	-do-	Ist	4,500

GORAKHPUR UNIVERSITY Contd.

Ambika Pratap Narain Degree college, Basti	Establishment of Book-Bank	Ist	11,200
B.B.B. College, Deoria.	-do-	Ist	14,062
Kooba Degree college, Azamgarh	-do-	Ist	5,625
Nagrak Degree college, Jaunpur	-do-	Ist	8,437
Tilakdhari college, Jaunpur	-do-	Ist	16,875
Degree college, Ghazipur	-do-	Ist	4,500
Jagatpur degree college, Varanasi	-do-	Ist	4,500
Shri Ganes Rai degree college, Dobhi, Jaunpur	Improvement of undergraduate educational facilities. Const. of students Hostel for 82 students.	-	-
M.M.M. Degree college, Deoria	Improvement of undergraduate educational facilities.	-	-
APN degree college, Basti	Students Aid Fund		2,750
SMMT degree college, Ballia	-do-		5,000
-do-	-do-		5,000
S.S. Degree college, Captainganj	-do-		597
Total:			2,87,183

26. GURU NANAK DEV UNIVERSITY

Establishment of Study Centre at Amritsar	Ist	1,500
Financial assistance to teachers for research/ learned work in Humanities and Social Sciences.		1,250
Establishment of Study Centre at Jullundur	Ist	6,500

GURU NANAK DEV UNIVERSITY CONTD.

AFFILIATED COLLEGES

Deoba college, Jullundur	Development of play fields & Purchase of accessories for games and sports.	Final	1,500
Kamla Nehru college for Women, Phagwara	Students Aid Fund		1,000
GNNB College, Narur Panchhat	-do-		750
		Total:	<u>12,500</u>

27. GUJARAT UNIVERSITY

	Seminar on Environmental Pollution control problems of Gujarat.		6,250
	Establishment of Book-Bank	Ist	8,000

AFFILIATED COLLEGES

Shri Natvarsiubji Arts and Science college, Gdaipur	-do-	Ist	6,000
Sheth Shoorji Sabha Arts and Commerce college, Nandvi	-do-	Ist	6,000
P.E.S.S. college, Bhuj	-do-	Ist	6,000
Bhavan's Arts & Science College, Dabor	Students Aid Fund		354
PJBR College, Dorsad	-do-		1,750
N.N. Mahavidyalaya, Shedabad	-do-		3,200
S.S. college of Education, Codhra	Financial assistance to teachers for research/learned work in Humanities and Social Science.	2nd	350

30. INDORE UNIVERSITY

Organisation of Seminar on Warden's Participants in Management.	10,000
Establishment of Students Aid Fund in the Universities.	10,000
Construction of Library Bldg.	1,00,000
Development of play fields & Purchase of accessories for games & support in the University.	
	Final 1,250

AFFILIATED COLLEGES

Government College Mhow.	National Associateship scheme	1,000
Govt. Sanskrit Degree college, Indore.	Construction of library Building.	15,000
-do-	Construction of Men's Hostel 2nd	25,000
Govt. Arts and Commerce college, Indore.	Research Fellowships	4,800
	Total -	<u>1,67,050</u>

31. INDIRA KAL SANGEET VISHWAVIDYALAYA

Construction of Teachers Hostel	70,000
Construction of Library Bldg.	50,000
	<u>1,20,000</u>

32. JABALPUR UNIVERSITY

Release of grant for the purchase of Scientific Equipment during 5th plan Assistance for the research project entitled Redox Polymerization' of Prof. G.S. Mishra Department of Chemistry, Jabalpur Univ.	20,000
Financial assistance to teachers in the Universities and colleges for undertaking research work Science.	2,400
	1,000

JABALPUR UNIVERSITY CONTD.

AFFILIATED COLLEGES

Government Science College, Jabalpur	Basic grant for the development of post-graduate studies in Humanities and Social Sciences	
	Purchase of Library Books and Journals -Scientific equipment. Ist	56,000
Government College of Education.	Utilisation of Services of Outstanding Retired Teachers	981-80
M.H.College of Home Science for Women, Jabalpur	Students Aid Fund	5,000
		<hr/>
	Total	85,381.80
		<hr/>

33. JADAVPUR UNIVERSITY

Research Fellowships in Engineering & Technology		6,000
-do-		6,000
-do-		2,961-29
-do-		2,187-10
-do-		6,000
Development of Area Studies Programme		5,436-45
Construction of Post-graduate Pharmacy Building outside 4th plan		50,000
Construction of Post-graduate Pharmacy Building	3rd	50,000
Grant-in-aid towards the construction of sub-staff Quarters.	5th	50,000
Support for advanced research in the Humanities and SocialSc.	Ist	10,000
Construction of Gymanism	4th	25,000
Writing of University level/ books/monographs.		3,000
-do-		1,593-27
Assistance for the Research Project entitled Dynamical and Equilibruim Properties of the Liquid state and an Accoustic Approach to the study of the Liquid state.		14,000

JADAVPUR UNIVERSITY CONTD.

University Grants Commission
Assistance for the research
project entitled 'Proterozoic
tidal deposits in parts of
Madhya Pradesh and Rajasthan
and their palaeogeographic
implications' 2,400

Grant for construction of
Computer Centre Building. 7th 1,00,000

Total: 3,34,578.11

34. JAMMU UNIVERSITY

Seminar on Urdu in Indian
Universities. 9,177

Collaborative research project
Study of the interactions of
400 GEV/C protons with nuclei" 3,500

Total: 12,677

35. JAWAHARLAL NEHRU UNIVERSITY

Junior Research Fellowship
in Science/Humanities 1,500

-do- 2,000

-do- 1,410-35

-do- 3,000

-do- 4,800

-do- 4,800

Development of Area Studies
Programme 1,088-51

Organisation of Short Course
in Estuarine and Marine Environment
for college Teachers. 1st 18,000

Utilisation of Services of
Outstanding Retired Teachers 2,298-39

Total 38,897.25

36. JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

AFFILIATED COLLEGE

Regional Engg. college, Varanasi	Research Fellowships in Engineering & Technology	6,000
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6,000

37. J.L. NEHRU KISHAN VIDYALAYA

Financial assistance to teachers
in the universities and colleges
for undertaking research work in
Sciences.

Ist 2,500

2,500

38. JIWAJI UNIVERSITY

Construction of Humanities Block at Jiwaji University.	Final 1,672
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AFFILIATED COLLEGES

P.G. Vigyan Mahavidyalaya, Lashkar.	Students Aid Fund in the Colleges	963
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Ambah Post-graduate college, Ambah.	Baisc grant for the development of Post-graduate studies in Humanities and Social Sciences Purchase of library books and Journals-Scientific equipment.	ist 15,000
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Total: 17,535

39. JODHPUR UNIVERSITY

Assistance for the research project entitled 'Voilatile complexes of Transition and inner-transition Elements.	2,400
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Assistance for the research project entitled 'Electro- Accoustic Effects in Plasma	2,400
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JODHPUR UNIVERSITY CONTD.

Holding of 36th All India Political Science Conference	5,000
University Grants Commission Assistance for the research project entitled 'Farms and Fernalies of Rajasthan Univ.	2,400
University Grants Commission Assistance for the research project entitled 'Hydrobiology and Productivity of Freshwater reservoirs/Lakes of semiarid Zone.	4,800
Junior Research Fellowship in Science/Humanities.	1,492-74
Financial assistance to teachers in the universities and colleges for undertaking research work in Sciences.	Ist. 1,500
-do-	4,800

AFFILIATED COLLEGES

Lashbe Memorial College of Science, Jaunpur.	Students Aid Fund	150
Shri Mahesh College, Jadhpur	Grants to teachers traing college.	Final 5,000
		<hr/>
Total:		29, 942.74
		<hr/>

40. Kalyani University

Research Fellowship in Science.	6,385-71
Payment of grant towards the slary of staff appointed in Science Departments under the 4th plan period.	15,000
Grant-in-aid for the purchase for the Central Library.	10,000
Development of Teacherd Edn. Research in University.	20,000
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Total:	51, 38 5.71
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41. KANPUR UNIVERSITY

Development of play field and purchase of accessories for games and sports.	Final	1,500
Research Fellowship in Engineering and Technology		6,000
-do-		6,000

AFFILIATED COLLEGES

Guru Nanak Girls Degree College, Sundar Nagar. J.D.V. degree college, Kanpur	Establishment of Book-Bank	Ist	5,628
Y.D. College, Lakhimpur-Kheri	-do-	Ist	5,625
Halim Muslim Degree College, Kanpur.	-do-	Ist	11,250
Brahavart Degree College, Mandhsna	-do-	Ist	8,437
Dayanand College of Law, Kanpur	-do-	Ist	4,500
Dayanand Women's Training College, Kanpur.	-do-	Ist	11,062
D.N.V. Degree college, Rath	-do-	Ist	8,437
D.S.N. College, Unnao	-do-	Ist	5,625
Tilak Degree College, Auraiya	-do-	Ist	14,062
Arya Kanya Mahavidyalaya, Hardoi	-do-	Ist	11,250
Badri Vishal College, Farrukhabad	Students Aid Fund		4,500
D.G.N. Degree College, Gokarnnath Khatri	-do-		3,250
Gandhi Mahavidyaya Orai.	-do-		1,000
			2,250

Total: 1,10,376

42. Karnatak University

Ortanisation of Workshop in Economics.	15,000
Utilisation of Services of Outstanding retired teachers.	5,500
National Associateship Scheme	1,000
Financial Assistance to teachers in the universities and dolleges for undertaking research work in Science.	Ist 690
-do-	Ist 1,100
Assistance for the research project entitled 'Limnological Studies in Ponds and Lakes of Dharwar.	4,800
Seminar on Budgetory Reforms and Efficiency in Govt. spendings	1,213
Utilisation of services of Outstanding Retired Teachers.	4,983-87
Assistance for the research project entitled 'Cytotaxonomical and Cyto chemical studies of Orchards.	8,000
Writing of university level books/monographs.	497-85

AFFILIATED COLLEGES

S.B. College of Arts, Gulbarga.	Purchase of Library books Ist	40,000
S.B. College for Science, Gulbarga	College Science Improvement Programme	5,000
S.S.S. Samita's College, of Commerce, Belgaum	Students Aid Fund	750

Total: 88,534.72

1	2	3	4
43.	Khashi Vidyapith, Varanasi	Development of play field & purchase of purchase of accessories for final games & sports.	2841/-
		Senior/Junior Research Fellowship in Schience - payment of Fellowship	500/-
		Science Research Fellowship in Humanities payment of fellowship	3000/-
			<u>6,341</u>
44.	University of Kashmir, Hazratbai Srinagar	Annual Conference of the Association of Plastic Surgeons	3900/-
		Senior/Junior Research Fellowship -payment of Fellowship	1200/-
		Purvhase of Books & journals during fifth plan period.	100000/-
		Publication of learned work during 1st fifth plan period	20000/-
		Assistance for the research project during fifth five year plan period	25000/-
	Affiliated college of Kashmir University Govt. Degree Colloge, Anantnag (Kashmir)	Students Aid Fund in the colleges Grant for 1975-76	4250/-
			<u>Total- 1,53,450</u>
45.	Kerala Agriculture University (Kerala)	Utilisation of services of outstanding retired teachers payment of grant	9000/-
			<u>9,000</u>
46.	<u>Kerala University</u>	Construction of a students hostel 2nd	100000/-
		Utilisation of services of outstanding retired teachers- payment of grant	10450/-
		Senior Research fellowship in schience - payment of Fellowship	1600/-
		-do-	1419/35
		-do-	3061/29
		-do-	1522/-

1	2	3	4
University of Kerala contd.			
	Unassigned Grant -payment of grant		5847/97
Univ. College, Trivandrum.	College Humanities and social programme- payment of grant	2nd	8000/-
Govt. Sanskrit College, Kerala	Seminar on Comparative Study of Poetry in seventies in South-Indian Languages		3703/-
Sacred Heart College, Kerala.	National service scheme - payment of grant for the.		15000/-
St. Albert College, Ernakulam,	Establishment of Book Bank.	2nd	3250/-
N.S.S. College, Kerala.	Book Bank-Release of 2nd & final instalment	2nd & final	3750/-
Kuriakoše Elias College, Kerala	Book Bank- Scheme	-do-	7,500/-
University College, Trivandrum. Kerala	Students Aid Fund		2124/-
College of Engg. Trivandrum Kerala.	-do-		584/-
St. Xavier's College, Alwayn	Utilisation of services of outstanding retired teachers Payment of grant		9000/-
All Saints' College, Kerala.	Construction of Library building	4th & final	10000/-
Catholicate College, Kerala.	Development of play fields and purchase of accessories for games & sports	final	914/-
	Total		<u>1,87,730.61</u>

47. Kurukshetra University (Haryana)	Seminar of College Commerce Teachers		7515/-
	Senior Research Fellowships in Humanities-Payment of Fellowship		2438/71
	-do-		4800/-

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Kurukshetra University

<u>continued</u>	National Symposium on Reliability of Networks & Systems	2838
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	Financial assistance to teachers 2nd & final	1000
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	Organisation of short term Institute	5000
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g. Affiliatedcolleges Kurukshetra University

M.L. National College, Haryana.	Establishment of Book-Bank	final 4688
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Anir College, Rowari.	Setting up of Book-Bank	2nd & final 2458
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M.N. College, Sahabad. Haryana.	Establishment of Book Bank	final 1875
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Govt. Evening College, Haryana.	Students Aid Fund	171
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K.M. College, Narwana (Haryana)	-do-	1000
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Govt. College, Bahadurgarh, Haryana.	-do-	215
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	Total -	33,998.71
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g. Kumaun University Nainital (UP)	Workshop on the Teaching of Hindi Ist language	13000
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Affiliated colleges of Kumaun University DSB Govt. College, Nainital (U.P.)	Utilisation of services of Out- standing retired teachers- payment of grant	2314.52
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-do-	-do-	5750
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-do-	-do-	10250
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	Total -	31,314.52
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48-A. L.N. Mithila University

1	2	3	4
Affiliated colleges	Grants of college libraries for loan of books to students (Book-Bank)	Ist	5500
J.N. College, Madhubani, Bihar.			
Janta College, Bihar.	-do-	Ist	6000
C.M. College, Darbanga Bihar.	-do-	Ist	11000
A.N. Deva College, Bihar.	Establishment of Book Bank	2nd & final	1500/-
Saharsa College, Bihar.	-do-	-do-	1500
R.B. College, Dalsingara Bihar.	-do-	-do-	3062.50
BSS College, Bihar.	Students Welfare Programme	-do-	4000
AND College, Bihar.	Students Aid Fund		643.50
CD College, Bihar.	-do-		1000
Nirmali College, Saharsa Bihar,	Construction of Men's Hostel	3rd	50000
G.M. College, Furnea Bihar.	Construction of Additional teaching accommodation	5th -	15000
	release of grant for		
		Total-	99, 206.00

49. Lucknow University Lucknow	Support for advanced research in the Humanities and social sciences	3rd	10000
	Senior Research Fellowship in Humanities		5825.31
	-do-		1445.16
	-do-		4000

Lucknow University Lucknow	Utilisation of services of outstanding retired teachers- payment of grant	9000
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-do-	9000
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-do-	10695
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-do-	9000
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-do-	4425
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Writing of university level books/monographs.	4300
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Affiliated colleges of Lucknow Univ. BSNV Degree College, Lucknow.	Financial assistance to teacher 2nd & for research/learned work in final schences-Payment of 2nd instalment of grant.	2250
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SBEVD-College, GS Marg, C, Lucknow.	Grant towards the loan of books Ist to students -setting up of Book Bank.	5625
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J.G.D. College, Lucknow.	-do-	Ist 5625
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AGD College, Lucknow.	-do-	Ist 4500
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VH Degree College, Lucknow	Students Aid fund	2240
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Total -	87,930
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50.	Madras University Madras	Junior Research Fellowship in Humanities	1500
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First conference of Indian association for the study of Sexually transmitted diseases	5000
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Assistance for research project	2400
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1	2	3	4
Madras University Madras (contd.)	Assistance for the research project		4000
	Orientation course for bringing about improvement in the professional completeness of teachers in English in the affiliated colleges		24050
	Assistance for the research project		6900
	-do-		4800
	Support for advanced research in Ist in the Humanities and social sciences.		5000
	-do- Ist		5000
	Writing of University level Books /Monographs		3600
	Assistance for the research project		4800
<u>Affiliated colleges of Madras University</u>			
P.S.G. College of Technology, Coimbatore	Writing of University level Books/ Monographs		31.50
Gov t. Arts College Salem	Utilisation of services of outstanding retired teachers - Payment of grant		10998.68
Madras Christian college, Madras	Financial Assistance for research = 2nd & learned work in Science - Payment final of 2nd instalment of grant.		3000
0000 Madras Medical College, Madras	Senior/Junior Research Fellowship in sciences/Humanities		1500
College of Engineering Madras	Research Fellowship in Engineering & Technology - Payment of Fellowship		6000

1	2	3	4
<u>Affiliated colleges of Madras Univ. contd.</u>			
Pachaiyappa's College Madras	Utilisation of services of outstanding retired teachers- Payment of grant		1000
Vivekananda College, Mylapore, Madras	-do-		2000
P.S.S.Arts College	-do-		1000
Govt. Arts College Karur Madras	Development of play fields and 2nd & purchase of accessories for games final & sports		1500
St. Joseph's College Iiruchirapalli	COLLEge Humanities and social Science Development Programme		5000
S.I.E.T. Women's College, Madras	Improvement of undergraduate educational facilities - Purchase of Laboratory equipment	Ist	50000
Madras Medical College, Madras	Writing of university level books		569.25
Lady Willingdon Traning College, Madras	Students Aid Fund		119
Thiru Govndeswamy Govt. Arts College for men, Tindivanani	Grants towards the loan of books to students-setting up of book bank	Ist	5625
Rajeswari Vedachlan Govt. Arts College, Chengalpathi	-do-	Ist	4500
Penchappas College, for Men, Ranchipuram	-do-	Ist	5625
D.R.B.C. Chetty's Hindu College for Men, Madras	Students Aid Fund to colleges		1000
Muthurangam Gov t. Arts College, Vellore	-do-		837
-do-	Establishment of Book Bank Scheme	final.	3750

Affiliated colleges
of Madurai Univ. contd.

Sri Parasakthi college for Women, Courtalim	Establishment of Book Bank 2nd & final	2750
Virudhunagar Hindu Nadars' S.K.N. College Tamil Nadu	-do- -do-	4750

Total - 1,81,749

52. Magadh University Bodhi-Gaya (Bihar)	Unassigned grant for 1975-76 -do-	15000
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Affiliated colleges of
Magadh University

S.S. College Hahanabad (Gaya)	Students Aid Fund in the colleges	1000
-do-	-do-	1000
Ramlakhan Singh Yadav College, Bihar	-do-	1000
Maltidhani College, Patna	-do-	544
S.N. Sinha College, Bihar	Financial assistance - Purchase of Books & Journals 2nd	20000
Maharaja College Arrah (Bihar)	Grants to colleges for Laboratory equipment 2nd & final	20000
-do-	-do- -do-	2500
Maltidhari College Patna (Bihar)	Grants to college for purchase of Books & Journals Ist	1000

Total - 62,044

1	2 : 46 :	3	4
53. <u>Marethwada University</u> <u>Aurangabad</u>	Indo-USSR Cultural Exchange Programme Reimbursement of salary of Russian Language teachers		1050
<u>Affiliated colleges</u> <u>of Marethwada Univ.</u>			
Nutan Mahavidyalaya Maharashtra	Construction of Laboratory 5th building for physics, chem. Botany and Zoology		40000
M.S.P. Mandal's Deogiri College Aurangabad	Construction of Laboratory Build. 3rd		10000
Shri Shrada Bhawan Education Society Nanded.	Writing of University level books		3120.80
Science College Nanded	National Associateship scheme		1000
Vasantrao Naik Mahavidyalaya Aurangabad	Students Aid Fund		1750
Govt. College of Education Nanded	-do-		113
P.E.S. Dr. Ambedker College of Law Aurangabad	-do-		2250
Dr. Datar Science, Commerce & Bahare Arts College, Chiplm, Ratnagiri	-do-		1000
Shri Swami Ramanand Teerath Mahavidyalaya, Dhir	-do-		2250
Shri Chhatrapati Shivaji College, Omerga	-do-		2250
J.E.S.R.G. Bajda Arts. S.D.L. Commerce & R. Bambnji Science College Jalna	Grant towards the loan of books to students -setting up of Book. Bank.	Ist	11250
Vasantrao Naik Mahavidyalaya Aurangabad	-do-	Ist	8400
J.E.S.R.C, Bajda arts S.B. Lathetia Commerce & R. Bermanji Science College Jalna	-do-	2nd & final	3750

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J.E.S.R.C. Bajdla Arts S.B. Lathetia Commerce & R. Bermozji Science College, Jalna	Grants to college for loan of books to students for settingup Book Bank	2nd & final	3750
Total -			1,11,933.80

54. M.S. University of Baroda, Baroda	Senior/Junior Research Fellow- ship in science		4800
	Utilisation of services of outstanding retured teachers Payment of grant		9750
	Assistance for the research project		4800
	Establishment of Degree Course in Pharmacy - Recurring grant for staff and maintenance.		100000
	Award of scholarship for Hounaurs studies in Persian		1200
	Allocation of Unassigned grant during 1974-75 - Release of grant for.	2nd & final	7572.22
Total -			1,28,122.22

55. Meerut University Meerut(UP)	Award of Teacher Fellowship to Shri Gyananda Kumar Gupta, Lecturer in Physics at D.B.S. College, Dhehradun		4000
	Junior Research Fellowship in Science - Payment of Fellowship		1445.14
	Junior Research Fellowship in Humanities - payment of Fellowship		5864.52
	Award of Teacher Fellowship		4000
	Summer schol on Business Mathematics & Econometrics in Summer 1969		3011.14
	College Humanities and social science Dev elopment Programme Payment of grant	2nd &	10000

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<u>Affiliated colleges of Meerut University</u>			
M.M.H. College, Ghaziabad	Faculty Improvement Programme Scheme		8046.50
D.A.V. College Muzaffarnagar(UP)	College science Improvement Programme- Grant-in-aid	final	10000
J.V.Jain College, Saharanpur (U.P.)	Utilisation of services of outstanding retired teachers	Payment of Grant in respect of Dr. Rup Chandra Jain	9000
Meerut College, Meerut	Senior/Junior Fellowship in Science	Payment of Fellowship	3600
S.S.V. College, Nipur	Financial assistance to teachers in the universities and colleges for undertaking research work in sciences	Payment of first instalment of grant	Ist 900
S.D. College Muzaffarnagar	-do-		Ist 1000
-do-	-do-		-do- 1650
M.M.H. College, Ghaziabad(UP)	Setting up of Book Bank	2nd & final	5625
Krishak Degree College Nawana	-do-	-do-	1875
Digramber College Dibai	Grants towards the loan of Books to students - setting up of book-bank	Ist	4500
B.M.P.P.V. College Gurukul, Narsan	-do-	Ist	4500
			Total- 82,017.30
56. Mysore University Mysore	Seminar on Issues in Economic Development of Karnataka		6176
	Appointment of German Language Teacher		4200
	Utilisation of services of outstanding retired teachers- Payment of grant		9700

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Mysore University Contd.

Utilisation of Services of o/s S/Retired teachers -Payment of Grant				9,700
-do-				9,000
-do-				9,000
-do-				9,000
-do-				9,000
Seminar on Recent Advances in the Precambrian Geology and Associated Mineral deposits with particular reference to Karnataka			4589	
Symposium on comparative endocrinology			13,397.50	
Purchase of equipment for Sce.			18,130	
Purchase of Lib. Books		2nd	75,000	
Construction of Residential Flats		5th	25,000	
-do- Teachers Flats		5th	30,000	
Development programme of Teachers Training				40,000

Affiliated Colleges, Mysore University.

Vivekananda College of Arts South Kanara	Establishment of Book Bank	2nd	2,750
AVK College for Women S. Kanara	-do-	Final	1,875
National College of Commerce, Kannatak State	-do-	Final	2,750
S.V.College, Mysore	-do-	Final	1,875

57. NAGPUR UNIVERSITY, NAGPUR Total - 2,81,1/2.50

Seminar on Advance in Research	7,176
Payment of Fellowship	6,000
-do-	6,000
-do-	6,000
Seminar on Social Sces. Research Methodology	2,151

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Nagpur University Contd.

Seminar on Contribution of Sramana Philosophy to development of Indian culture.				5,120
Financial Assistance to teachers				600
Allocation of Unassigned grant IIInd				12,000
Assistance for the Research Proj.				2,400

Affiliated Colleges,
Nagpur university

DVSPA and NBC College.	Construction of Additional Gas Room	Final		6,137
DDS College, Nagpur	Financial Assistance to teachers in the universities	Ist		2,500
CS College of Commerce Wardha	Utilisation of Services of o/S retired teachers			9,000
S.L. Colleges of Scce. Nagpur	Students Aid Fund			688

Shri JMd Baldawa M.S.	-do-			1,750
N.H. College, Distt. Chandra puri	-do-			1,225
-do-	-do-			1,847
AASBC Mahavidyalaya Dhamangaon	Grants to college libraries	Ist		6,000
MSS Institute of Scce work	-do-			5,000
Widharbha Mahavidyalaya	Book Bank Grants	2nd		5,500

Total - 87,09458. North Bengal University, W.B

Award of Teachers Fellowship				4,137
Payment of fellowship				4,800
Assistance for the Research Proj.				2,400
Financial Assistance to Teachers		Ist.		5,000

Affiliated Colleges, North Bengal University

University VT and Evening College, AC College Jalpaiguri	Grants to college Libraries	Ist		5,500
-do-	Financial Assistance to Teachers	II nd		1,000
-do-	Students Aid Fund in the Colleges			1,604

Total - 24,441 P.t.o.

1	2	3	4	5
<u>59. North Eastern Hill University</u>				
	Travel Grant Shri C.Than Thianga			150
	Organisation of Short term Institute			36,780
<u>Affiliated Colleges NEH University</u>				
St. Mary's College, Shillong	Writing university level books			1,516.13
			<u>Total -</u>	<u>40,446.13</u>

60. Osmania University, Osmania (Hyderabad)

	UGC assistance for the research proj.	Final	59,000
	Payment of contingency grant		2,000
	Payment of fellowship		2,129
	Special Assistance to selected Deptt. Deptt. of Economics, Osmania University.		75,000
	Utilisation of services of o/s retired teachers payment of grant		1,000
	-do -		3,508
	Education of SC/S Tribes		3,000
	Construction of 30 Staff Quarters	4th	16,540

Affiliated Colleges, Osmania University.

L.B. College, Warangal	Development of play fields	Final & Final	1,750
-do-	Students Aid Fund in the Colleges		1,300
AES College, Hyderabad.	Financial Assistance to teachers	Final	750
BCCA (Evening) Hyderabad	Setting up of Book Bank		3,250
BC Commerce Hyderabad.	-do-		3,750
			<u>Total - 1,72,977</u>

61. Punjab University Chandigarh.

	Senior /Jr. Research Fellowship Payment of.		4,800
	Research Project entitled - Continuation under UGC Assistance		25,000

p.t.o.

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 Punjab University Contd.

Seminar in Analysis.		6,842
Collaborative research project deptt. of Pb. Delhi, Rajasthan and Jammu University		3,500
Seminar Sce. Institute in Biology		1,274
Utilisation of Services of o/s retired teachers		9,000
-do-		9,000
-do-		9,000
UGC Assistance for the research Proj.		6,300
Release of basic Grant for the year 1976-77		50,000
Appointment of General Language teacher under indo FRC Cultural Ex.		2,100

Affiliated Colloges, Pb. University

BAMK College, Hoshiarpur	Development of Play field	IInd	1,500
GN College, Ludhiana	-do-	final	1,500
MCC of Education Ludhiana	Students' Aid fund		1,000
Govt. College, Ferozepura	Grants towards the loan of Books	Ist	4,500
GNK College for women Ludhiana	-do-	Final	1,875
Total -			1,37,191

62. Panjabi University, Patiala

Seminar on the religion situation in the present Day World		6,072
Symposium on Recent Researches in Plant Sciences.		6,428.50
UGC Assistance for the Research Proj.		12,000
Seminar on Study of G.Granth		3,692
Seminar on New Trends in M.H.Fiction		6,150
Financial Assistance to teachers in the Universities.		
-do-	Ist	2,000

Affiliated Colloges, Panjabi University

TPM College, Rampura Phul Bhatinda	Establis ment of Book Bank	IInd	1,500
Public College, Semana Pb.	Students Aid Fund in the Colloges		1,000
Total-			38,842.50

63. Panjab Agriculture University, Ludhiana

Payment of Fellowship		6,800
Total -		6,800
Total =		p.t.o.

1	2	3	4	5
64.	<u>Patna University, of Patna.</u>			
	Construction of Biology Block		50,000	
	UGC assistance for the research Proj.		14,000	
	Utilisation of services of o/s retired teachers		2,000	
	-do-		6,750	
	-do-		9,000	
	Grant in aid towards purchase of library books and journals		3,50,000	
	Payment of Fellowship		4,357-14	
	-do-		1,822-58	
	Total		<u>4,37,929.72</u>	
65.	<u>University of Poona.</u>			
	National Associateship Scheme		500	
	Indo- USSR Cultural Exch		419.50	
	Higher Education and Research Development Schemes of the University for the Vth Plan period		3,56,000	
	Organisation of workshop in Sociology		15,000	
	Scheme of assistance for Indian working in the universities abroad invited by universities during the Sabbatical Workshop on literary criticism		2,760	
	Mahabaleshwar symposium on Genetics		4,157	
	Development		9,890	
	Support for research programmes II nd		1,50,000	
	UGC Assistance for research proj.		2,400	
	Advance Summer Institute in Linguistics		30,800	
	Payment of fellowship		6,242.86	
	Aut. Seminar for Teachers of GLL in Indian Universities and Colleges		10,781	
	Writing of University level books		1,797.15	
	<u>Affiliated College University of Poona.</u>			
	Karjat College Karjat	Grants to colleges Libraries for loan of books	Ist	4,500
	SPDM & SBB & SHD Commerce & SMA. Sce College Dhullia	Book Bank grant sanction of 2 nd Inst.		1,500
		-do-		3,000

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Colleges Poona University Contd.

ANC A. JP C and NSC S College Maharashtra State VAS and C College,	Book Bank Grant -do-		3,200 3,260	
Deccan College Post-Graduate Research Insti- tute, Poona	Utilisation of Services of retired teachers		5,467	
-do-	Support for advanced research in the Humanities and so cial sce.	Ist	12,000	
NIMVPS College, Maharashtra	Development of Teachers Trg. programmes in schemes	IIInd & Final	6,202	
Ahmednagar College Ahmednagar	College Sce Improvement Programme	IIInd	75,000	
Modern College of Arts, Poona	Purchase of Equipment & Furniture.		1,021	
SS Mabaraj College Ahmednagar	Construction of Mens Hostel		10,170	
Ahmednagar College,	Basic Grant for the development of PG studies	Ist	70,000	
R.B. Narayan Rao Borawake College. Maharashtra	Construction of Residential Flats for teachers	IIInd & Final	15,000	
Pratap College Jalgaon	Students Aid Fund in the colleges,		2,436	
	Total -		8,03,603.51	

66. Rabindra Bharti University Calcutta.

Grant-in-aid towards the purchase of equipment for the department of music	Ist	25,000
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20 point programme and Indian Planning		1,311
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Total -

67. Rajasthan University, Jaipur - 26,311

Payment of fellowship & contengency grant.		3,432.26
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p.t.o.

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Rajasthan University University, Rajasthan. <u>Contd.</u>	Payment of fellowship			7,200
	Payment of fellowship			4,800
	-do-			4,800
	-do-			4,800
	-do-			1,867-10
	-do-			2,000
	-do-			5,000
	-do- Contingency grant			2,000
	Students Aid Fund			8,779
	Collaborative research project			3,500
	UGC Assistance for the research Proj.			6,800
	Writing of University level book			5,560
<u>Affiliated College Rajasthan University</u>				
Banasthali Vidyapith Gyan Rajasthan	Utilisation of serv ice of o/s retired teachers			2,274-19
Raj Rishi COLLEGE Rajasthan	Development of PG Studies			50,000
KM Mahavidyalaya jaipur	Construction of tubewell	2nd		15,000
SD Government College, Rajasthan	Basic grant for the development of PG studies in Humanities	Ist		45,000
Government College Alwar	-do-	Ist		48,250
Government College, Ajmer	-do-	Ist		45,000
BVGW Mahavidyalaya Banshali	-do-	Ist		45,000
Dayanand College Ajmer	-do-	Ist		11,250
Government College, Rajasthan	Purchase of Chalk Board	Ist		6,000
MRE College, Jaipur	Writing of univ ersity level books			3,842-30
HCM S Iof Public Adm Jaipur	-do-			3,000

	2	3	4	5
<u>Rajasthan University, Contd.</u>				
Government College, Rajasthan		Construction of Mens Hostel		6,000
RVVS P.S. College, ajmer		Book Bank grant	2nd	3,250
Bansthali Vidyapeeth Gyan VM Bansthali (Raj)		Grants to College Lib for loan of Books to students	2nd	2,750
Government College, Jalor (Raj)		Grants to wards books to students	Ist	4,500
MLV Govt. College, Bhilwara		Financial Assistance to Teachers	Ist	2,500
Govt. College Paritagarh (Raj)		-do-	Ist	2,200
MK S College of Commeroe (Raj)		Students Aid Fund		1,000
Shree Jaia PG College, Bikaner (Raj)		-do-		2,250
-do-		-do-		1,202
Savitri Girls College, Alwar		-do-		934
Ch. BRS Govt. Girls College, (Raj)		-do-		620
Govt. College, (Raj)		-do-		2,750
Dr. S.M. College, Rajsthan		-do-		1,000
Seth RL S Govt Degree College Kaladera (Raj)		-do-		533
Government College, Ajmer		Utilisation services of o/s retired teachers		9,000
			Total	<u>3,75,843.85</u>
68. <u>Ranchi University, Ranchi</u>				
		Construction of Central Library building		6,00,000
		Holding of a Symposium on Surface		12,817
		Utilisation of Services of o/s retired teachers		10,900
		Construction of Teachers Hostel		21,888
		Financial Assistance in r/o Shri S.N. Kekre.		2,730

1	2	3	4	5
<u>Affiliated Colleges</u> <u>Ranchi University</u>				
	Ksshi Sambu Colloge, Bihar.	Students Aid Fund in the colleges.		750
	S.S.L.N.Tmahila Colloge, (Bihar)	Grants to college Libraries		8,000
Total				6, 57, 085

69. RAVISHANKAR UNIVERSITY, RAIPUR

Allocation of Unassigned grant IIInd 10,000

Affiliated Colloge, RAVI SHANKAR UNIVERSITY

Durga Mahavidyalaya	Assistance for the purchase of library equipment	II	4,000
Raza Govt. PG Colloge, Rampur	National Associateship Scheme		1,000
Govt. P.G. Colloge, Ambikapur	Book Bank Grant- Sanction of 2nd		3,248.88
Durga Mahavidyalaya Raipur	Students Aid Fund		2,810.75
BP Arts and Commerce Colloge, Arang	-do-		246.00
Govt. Degree Colloge, Ambikapur	Grants to Colloge Libraries for loan of Books to students	Ist	8,000
DP Arts and Commerce Colloge,	Grants to Colloge Lib.	Ist	4,500
Total-			33,805.63

70. Roorkee University, Roorkee

UGC Assistance for the research proj.	12,000
Development of P.G. Course in Engg. and Tech during IV Plan	8,496
Recurring grant for the award of Junior Fellowship of the value of Rs.250/ 400	10,000

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Roorkee University, Contd.

Construction of Hydraulic Turbine Room	3,266
Seminar on low noise Microwave Devices	9,435
UGCAssistance for the Research Proj	50,000
-do-	25,000
-do-	8,400
Introduction of PG Diploma Course in TV Engg.	30,000
Writing of University Level Books	367.66

Total- 1,56,964.66

71. Rohile Khand University

Affiliated Colloges, Rohile Khand

Govt. Raza College, Rampur.(U.P.)	Grant towards the loan of books to students	Ist	11,250
		Total	<u>11,250</u>

72. Sambalpur University, Sambalpur

Seminar on Feasibility of Introduction of Job,	6,698
Construction of Women Hostel	Ist 1,00,000
Grant in aid towards the salary	IInd 11,000
Assistance for the research Proj.	2,400

Affiliated Colloges, Sambalpur University

RE College, Rourkela.	National Associateship Scheme	1,000
-do-	Payment of Fellowship	7,200
-do-	-do-	3,954.84
LRL College, Sambalpur	Students Aid Fund in the Colloges.	884
GM College, -do-	Financial Assistance to Teachers for Research	1,500
SK DAV College for Women	Purchase of living room furniture	IInd 2,500

Total- 1,37,136.84

73. Sampurnanad Sanskrit Vishwa Vidyalaya, Varanasi

Payment of Fellowship	2,000
Payment of Contingency grant	2,000
Payment of Fellowship	4,800
Award of Scholarship for PG Studies	2,000

Total - 10,800

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74.	<u>Sardar Patel University, Vallabh Vidyanagar.</u>			
	UGC Assistance for the research proj			6,000
	-do-			7,500
	-do-			12,000
	Basic grant for the purchase of library books & Journals			1,50,000
	Purchase of equipment for teacher Education			10,000
	Writing of University level books			5.10
	<u>Affiliated College, S.P. University</u>			
	S.P. College of Engg. Bombay,	Writing of University level books		2,000
	Anand Arts College, Gujarat	Establishment of Health CENTRE	Ist	5,560
	VBPV Gujarat RPTP Sce. College,	Construction of residential Flats	IInd	46,880
		Assistance for construction of Teachers' Hostel		47,110
			Total-	2,87,055.10
75.	<u>Saugar University, Sagar</u>			
	Writing of University level books.			4,300
	Financial Assistance to teachers in the universities.		Ist	1,550
	UGC Assistance for the research Project National Associateship Scheme			3,600
	Payment of Research Fellowship			750
	-do-			5,787.10
	UGC Assistance for the Research Project			6,000
	<u>Affiliated College, Saugar University</u>			
	SS Mahavidyalaya Berhampur Govt. Home Sce. College	Students Aid Fund in the Colleges Grant		1,000
		-do-		308
			Total-	68,095.10
76.	<u>Saurashtra University, Bhav Nagar.</u>			
	Utilisation of Service of o/s Retired Teachers			9,000
	<u>Affiliated Colleges, Saurashtra University</u>			
	MP Shah Municipal C College(Gujarat)	Books Grant for 1970-71	IInd	788.55
	-do-	Students Aid Fund in the Colleges		3,010.
			Total-	12,798.55
77.	<u>SNDF Women's University, Bombay</u>			
	Establishment of Women's Polytechnic at Bombay Construction of Building			7,00,000
	Grant in aid for the Constr. C. Building.			5,00,000
	<u>Affiliated Colleges, SNDF University</u>			
	Mahila Mahavidyalaya, Baroda.	Students' aid fund in the Colleges		2,750
			Total-	12,02,750

78. SHIVAJI UNIVERSITY

Construction of Men's Hostel	Final	2,954,30
Seminar on Social Changes in Modern Maharashtra.		7,165
Junior Research Fellowships in Science/Humanities including Social Sciences.		4,800
Seminar on Functional Analysis and its applications.		6,411
Financial Assistance to Teachers for research/learned work in Humanities and Social Science.		250

AFFILIATED COLLEGES

Shree Warana Mahavidyalaya, Warananagar	Book-Bank Grant	IIInd	3,250
Nudoji College, Phaltan	Establishment of Text-Books Library in the college.	IIInd	5,000
Karad Collegge of Arts and Commerce, Karad.	Establishment of BOOK-Bank	Ist	8,000
Total:			<u>37,830</u>

79. SRI VENKATESWARA UNIVERSITY

Utilisation of Services of Outstanding Retired Teachers.		9,000
Financial Assistance to teachers in the universities and colleges for undertaking research work in Science.	Ist	700
Symposium on Cilappathikaram		905-49
Basic grant for the purchase of equipment during 5th plan	IIInd	50,000
Basic grant for the purchase of library books.	IIInd	15,000
Development of Area Studies Programme.	m	25,000
Research Fellowship to Teachers		4,822-58
Construction of Guest House		5,000
Const. of Teachers Hostel	Final	10,000

SRI VENKATESWARA UNIVERSITY CONTD.

Unassigned grant for the year 1975-76.	last	9,795
Seminar on Fluorine content in Soil, water and plant as effecting the human being		4,600

AFFILIATED COLLEGES

Jawahar Bharati, Kavali. Kurnool Medical college, Koornool	College Science Improvement Programme.	Ist	80,000
B.T.College, Chitto	Financial assistance to teachers in the universities and colleges for undertaking research work in Sciences.	Ist	1,000
Jawahar Bharati, Ravindra Nagar	Financial assistance to teachers for research/learned work in sciences.	Final	750
	Faculty Improvement Programme		7,807-26
Total:			<u>2,24,380.33</u>

80. SOUTH GUJRAT UNIVERSITY

Research Project in the field of Management Studies.	Ist	5,000
Grant for the purchase of library books and journals during the 5th five year plan		1,00,000
Establishment of Study Centre		9,741-97

AFFILIATED COLLEGES

P.T.Sarvajani College of Sc., Surat.	Basic grant for the development of Post-graduate studies in- Purchase of Scientific equipment for the p.g. departments.	Ist	15,000
Shah M.M.Law college, Valand	Establishment of Book-Bank	Ist	6,000
Total:			<u>1,35,741.97</u>

81. TAMIL NADU AGRICULTURAL UNIVERSITY

Financial Assistance to Teachers in the universities and colleges for undertaking research work in Science.	Ist	1,000
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TAMIL NADU AGRICULTURAL UNIVERSITY

Financial assistance to teachers in the universities and colleges for undertaking research work in Sciences.	Ist	750
-do-	Ist	1,250

Total:	3,000
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82. UDAIPUR UNIVERSITY

Construction of Library Building.	Ist	10,000
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AFFILIATED COLLEGES

Udaipur School of Social Work Udaipur.

Basic grant for the development of Post-graduate studies in Humanities and Social Sciences--purchase of library books and Journals.	Ist	7,500
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Vidya Bhawan

Writing of university level books/monographs.		7,738-40
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Total:	25, 238-40
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83. Utkal University

Grant-in-aid towards the field trips for the Departments of Zoology and Geology.	Ist	18,000
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Financial Assistance to Teachers for research/learned work in Sciences	Final	3,500
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University Grants Commission Assistance for the research project entitled 'Studies on the Pituitary Gland of Reptiles' by Dr.D.R.Naik		3,300
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Installation of air conditioner in the Central Library		20,000
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Support for advanced research in the Humanities and Social Sciences.	2nd	9,000
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XX -do-	Ist	5,000
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Examination Reform Programme.		1,600
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UTKAL UNIVERSITY CONTD.

Junior Research Fellowships
in Sciences. 6,300

AFFILIATED COLLEGES

Ravenshaw college, Cuttack.	Utilisation of Services of Outstanding Retired Teachers		9,548-39
-do-	-do-		8,161-29
Kendrapara college, Kendrapara.	Const. of Teachers Hostel	IInd	30,000
B.J.B.College, Bhubneswar	Financial Assistance to teachers in the universities and colleges for undertaking research work in Sciences.	Ist	750
Govt. Evening college,Cuttack	Construction of Teachers Hostel.	IIInd	70,000
College of Accountancy Cuttack.	Financial Assistance to Teachers for research/ learned work in Humanities and Social Sciences.	Final	2,500
Govt.Evening college,Cuttack	Students Aid Fund		1,750
S.V.M.College, Cuttack	-do-		1,000
Govt.evening college,Balasore	-do-		540
Total:			<u>1,90,949.68</u>

84. VIKRAM UNIVERSITY

University Grants Commission
Assistance for the research
project entitled 'Acidic,
mafic and ultramafic magnetism
and related mineral deposits in
parts of Bastar District of
Madhya Pradesh and adjoining
regions.'

14,600
8,400

AFFILIATED COLLEGES

Govt. College,
Ratlam

Establishment of Book-Bank 2nd 760

VIKRAM UNIVERSITY Contd.

Assistance for the research project entitled 'Acidic, mafic and ultramafic magnetism and related mineral deposits in parts of Baster District of Madhya Pradesh.		11,600
Assistance for the research project entitled 'Instabilities in Solid State Plasmas'		8,400

AFFILIATED COLLEGES

Govt. College, Ratlam	Establishment of Book-Bank	2nd	760
Govt. College, Ratlam	Const. of Library Bldg.	3rd	50,000
Govt. college, Jarora	Const. of Women's Hostel	2nd	10,000
Total:			<u>80,760</u>

85. VISVA BHARATI

Financial Assistance for Junior Research Fellowship to Mrs. Alpna Roy Choudhary		4,800
Assistance for the research project entitled 'Investigation on the metalion activation of the blood cogulant fractions of the Bussel's Viper Venom'		2,400
Assistance for the research project entitled 'Studies on electrochemical properties of metal oxide-solution interface'		4,800
Total:		<u>12,000</u>

DEEMED TO BE INSTITUTIONS

1. Birla Institute of Technology

Senior Research fellowships in Humanities.		2,000
Institution of MB.A course	Ist	7,000

BIRLA INSTITUTE OF TECHNOLOGY CONTD.

Writing of University level books/ monographs.	532-86
-do-	795-49
Assistance for the research project entitled 'Studies on the Preparation and Industrial Applications of Molybdenum complexes and its mixed Oxide"	1,800
	<hr/>
Total:	12,128.35
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2. CENTRAL INSTITUTE OF ENGLISH AND FOREIGN LANGUAGES

Financial Assistance to the Institute for organisation the trained programme for teachers of English under the scheme of Correspondence courses.	50,000
	<hr/>
Total-	50,000
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3. GUJARAT VIDYAPEETH

Salary of staff for the Basic Education Science.	572-14
	<hr/>
	572-14
	<hr/>

4. INDIAN INSTT. OF SCIENCE

Research Fellowships in Engineering and Technology.	6,000
-do-	6,000
-do-	25-61
-do-	7,200
Utilisation of Services of Outstanding Retired Teachers.	10,250
Organisation of Summer Institute in General Microbiology.	20,000
Research Associateship in Science	13,200
Writing of University level books/ monographs.	658-06
-do-	5,320
-do-	25,000
	<hr/>
Total:	93,653.67
	<hr/>

5. Indian School of Mines, Dhanbad.

Payment Recurring grant for staff maintenance.	19,457.40
Construction of 24 units of Type Quarters	2,50,000
Equipment grant to Indian School of Mines	11,09,000

Total- 13,69,457.40

6. Indian Agriculture Research Institute, New Delhi.

Payment of contingency grant	1,500
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1,500

7. Jamia Millia Islamia, New Delhi

Seminar on the Problem of Reconstruction of Religious thought in Islam.	8,487
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Electrical Fittings and fans in the library building and purchase of water cooler.	Ist 30,000
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Payment of fellowship	4,800
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Seminar on a Five year Sequence for teaching of Education.	11,787
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Total. 55,074

8. Tata Institute of Social Sciences, Bombay

Utilisation of services of o/s retired teachers	9,500
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9,500

9. Tata Institute of Fundamental Research, Bombay.

Organisation of all India Summer Institute Short Term Course	Ind 20,000
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Total- 20,000

10. Indian Institute of Technology, Kanpur

Writing of university level books	2,000
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Total- 2,000

Total Plan.

Kg. 1,65,46,015.59

NON - PLAN

ALIGARH MUSLIM UNIVERSITY.	Central Universities - Maintenance grant for 1976-77.	4th	1,39,37,500 <u>1,39,37,500</u>
Banaras Hindu University.	-do-	4th	1,79,37,500 <u>1,79,37,500</u>
<u>UNIVERSITY OF DELHI</u>	-do-	4th	91,25,000
<u>AFFILIATED COLLEGES</u>			
Hindu College, Delhi.	Grant for Hostel Mess Staff for 1974-75	Final	16,062
I.P.College for Women?Delhi	-do-	Final	14,980
Hindu College Delhi	Grant for Hostel Mess Staff for 1976-77	2nd	11,200
Central Instt. of Education, Delhi	-do-	2nd	1,000
Dr.Zakir Hussain Memorial College, Delhi.	-do-	2nd	2,900
Hans Raj College, Delhi.	-do-	2nd	9,800
Lady Irwin College, New Delhi	-do-	2nd	12,500
Miranda House	-do-	2nd	14,900
Ramjas College, Delhi.	-do-	2nd	6,900
Lady S.R.College for Women,N.Delhi	-do-	2nd	9,500
Delhi School of Social Work, Delhi	-do-	2nd	3,300
Indraprastha College for Women, Delhi	-do-	2nd	9,900
S.R.College of Commerce, Delhi	-do-	2nd	6,900
Kirori Mal College, Delhi.	-do-	2nd	6,000
St.Stephen's College, Delhi	-do-	2nd	12,300
Instt. of Home Economics, Delhi	-do-	2nd	67,642
Maitreyi College, Delhi.	Maintenance grant for 1976-77	2nd	1,50,000
Kirori Mal College, Delhi.	-do-	2nd	6,76,000
Gyan Devi SalwanCollege	-do-	2nd	2,07,000

DELHI UNIVERSITY CONTD.AFFILIATED COLLEGES CONTD.

	Maintenance grant for 1976-77 - Payment of.		
Shyam Lal College(Eve) Delhi.		2nd	1,60,000
Bhagat Singh College(Eve)Delhi	--do--	2nd	82,000
Vivekananda Mahila College,Delhi	--do--	2nd	2,40,000
Hastinapur College (Day Classes)N.Delhi	--do--	2nd	2,50,000
Hastinapur College (Even.Classes)N.Delhi	--do--	2nd	2,50,000
Hansraj College,Delhi	--do--	2nd	5,89,000
Rao Tula Ram College, New Delhi.	--do--	2nd	79,000
Jesus & Mary College, New Delhi.	--do--	2nd	2,34,000
Satyawati co-educational college(Even)Delhi	--do--	2nd	1,15,000
Central Instt. of Education,Delhi.	--do--	2nd	3,12,000
A.R.S.D.College, New Delhi.	--do--	2nd	1,46,000
S.G.T.B. Khalsa College,New Delhi	--do--	2nd	1,69,000
Satyawati Co-education College(Day)Delhi	--do--	2nd	2,47,000
College of Vocational Studies,New Delhi.	--do--	2nd	1,99,000
Bharati Mahila College,New Delhi.	--do--	2nd	2,01,000
S.P.M.College, New Delhi.	--do--	2nd	4,31,000
Instt. of Home Economics,N.Delhi	--do--	2nd	1,96,000
Bhagat Singh College(Day)Delhi	--do--	2nd	4,60,000
Kalindi College, New Delhi.	--do--	2nd	3,74,000
Maitreyi College, New Delhi.	--do--	2nd	2,87,000
Gargi College, New Delhi.	--do--	2nd	4,54,000
Rajdhani College, New Delhi.	--do--	2nd	5,36,000
Miranda House,Delhi	--do--	2nd	4,49,000
R.L.Anand College, New Delhi.	--do--	2nd	2,39,000

Lakshmi Bai College, Delhi.	Maintenance grant for 1976-77.	2nd	4,34,000
Shyamlal College, Delhi	-do-	2nd	4,55,000
Delhi School of Social Work, Delhi	-do-	2nd	3,96,000
Dyal Singh college (Evening Classes) Delhi.	-do-	2nd	2,21,000
P.G.D.A.V.college, New Delhi	-do-	2nd	2,83,000
Deshbandhu College (Evening) New Delhi	-do-	2nd	2,86,000
Dr.Zakir Hussain Memorial College, Delhi.	-do-	2nd	3,41,000
Daulat Ram college, Delhi.	-do-	2nd	7,48,000
Dyal Singh College (Day classes) Delhi	-do-	2nd	5,19,000
Janki Devi Mahavidyalaya, New Delhi.	-do-	2nd	5,31,000
A.R.S.D.College, New Delhi	-do-	2nd	5,91,000
Deshbandhu College (Day Classes) N.Delhi	-do-	2nd	6,35,000
P.G.D.A.V.College, New Delhi.	-do-	2nd	3,78,000
Sri Venkateswara College, New Delhi	-do-	2nd	3,42,000
Shivaji College, New Delhi.	-do-	2nd	5,70,000
S.R.College of Commerce, Delhi	-do-	2nd	4,53,000
Lady S.R.College for Women, New Delhi	-do-	2nd	5,52,000
S.G.T.B.Khalsa college, New Delhi	-do-	2nd	6,39,000
Lady Irwin College, New Delhi.	-do-	2nd	3,98,000
I.P.College for Women, Delhi	-do-	2nd	6,25,000
Hindu College, Delhi.	-do-	2nd	5,16,000
Hans Raj College, Delhi.	-do-	2nd	7,55,000
Dr.Zakir Hussain Memorial College (Day classes) Delhi	-do-	2nd	6,20,000
Miranda House, Delhi.	-do-	2nd	7,72,000
Indraprastha College for Women, Delhi.	Maintenance grant for 1974-76 payment of.	6th	9,304

DELHI UNIVERSITY CONTD.
AFFILIATED COLLEGES

Mata Sundri College for Women, N. Delhi	Maintenance grant for 1976-77.	2nd	5,82,000
St. Stephen's College, Delhi.	-do-	2nd	4,13,000
Swami Shardhanand College, Delhi.	-do-	end	4,05,000
Total:			<u>3,05,32,088</u>

JAWAHARLAL NEHRU UNIVERSITY

Maintenance grant for 1976-77.	4th	41,25,000
		<u>41,25,000</u>

VISVA BHARATI

Maintenance grant for 1976-77.	4th	36,25,000
		<u>36,25,000</u>

INDIAN INSTITUTE OF SCIENCE

Maintenance grant to I.I.Sc., Bangalore for	2nd 1976-77	54,40,000
		<u>54,40,000</u>

JAMIA MILLIA ISLAMIA

Maintenance grant for 1976-77.	4th	3,25,000
		<u>3,25,000</u>

Total Non-Plan. Rs. 7,59,22,088.00

G. Total (Plan + Non-Plan) Rs. 9,24,68,103.59

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting :

Dated : 19th July, 1976.

Item No. 4 : To receive the statement showing expenditure incurred by the University Grants Commission during the year 1976-77 (upto 31st May- 1976)

Section I - Non Plan Project

	Budget estimates 1976-77 (Rs. in lacs)	Provisional expenditure upto 31st May, 1976 (Rs. in lacs)
A Administration Charges	68.00	7.85
B <u>Block Grants</u>		
i) Grants to Central Universities	1950.00	457.09
ii) Grants to Institutions deemed to be Universities	336.00	71.75
iii) Grants to State Universities for specific purposes	10.00	-
C Maintenance Grants to Delhi Colleges	800.00	212.63
D Grants not covered under Block Grant- Health Service Scheme	8.00	-
Total Section - I	3172.00	749.32

Section II - PLAN PROJECTS

A Grants to Central & State Universities for Humanities	372.00	21.36 * 0.01
B Grants to Central & State Universities for Science	735.00	40.82
C Grants to Central & State Universities for Engg. & Tech.	@ 616.10	31.13
D Grants to Constituent/Affiliated Colleges	462.00	42.64 * 0.10
E Grants to Central & State Universities for Misc. Schemes	1767.45	125.95 * 0.31
F Misc. Expenditure Unesco Coupons	31.30	1.51 0.40
Total Section II	3983.85	263.81 * 0.42
Total-Section I &-II	7155.85	1013.13 * 0.42

@ Rs. 100.00 lacs to be provided by the Deptt. of Coal during the year 1976-77.

* By Adjustment.

Section III Expenditure out of grants received from Govt. of
India and the other sources for specific purposes

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i) Evaluation of books	-
ii) Grants to Universities for for organising Summer Instt. for School Teachers (out of Contribution received from NCERT)	-
iii) Fellow for writing of books	36,961
iv) National Sports Organisation Programme	£ 6,406
a) Constn. of Gymnasium	1,17,500
b) Play fields	93,753
v) National Award of Prizes	£ 3,442
vi) National Service Scheme	86,000
vii) National Survey on Hr. Education	£12,826
viii) <u>Hari Om Ashram Trust Endowment Fund</u>	-
a) Science	-
b) Life Sciences	-
ix) Ram Charit Manas	-
x) Dr. Zakir Hussain Memorial Lectures	-
xi) Aurbindo Memorial Lectures	-
xii) Gandhi Samarak Nidhi	-
Total Section III	3,36,888
Total Section I, II & III	1016.70 (Rs. in Lakhs)
	*0.42

Section IV Deposits & Advances

i) Conveyance Advance	4,200=00
ii) Festival Advance	-
iii) House Building Advance	45,124=00
iv) Fan Advance	100 =00
v) UGC Deptt. Canteen.	-
Total Section IV	49,424=00

Expenditure during 1975-76 (upto 31st May 1975 was as under :

Section- I Non-Plan Project	5,39,45,133
Section- II Plan Projects	4,04,97,392

Total Section I & II

9,44,42,525

* By Adjustment
£ Adm Charges .

UNIVERSITY GRANTS COMMISSION

CONFIDENTIAL

MEETING:

DATED : 19th July, 1976

Item No.5: To consider the report of the Visiting Committee appointed by the University Grants Commission to assess the Fifth Plan Proposals of the Kanpur University.

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The Visiting Committee appointed by the University Grants Commission to examine the Fifth Plan Development proposals of the Kanpur University visited Kanpur on September 24-25, 1975 and held discussions with the Vice-Chancellor, some members of the Executive Council and other Officers of the University. The Committee also discussed with the students representatives and teachers representatives from local colleges, matters concerning their welfare and corporate life within the college campuses. In addition, the committee visited five local postgraduate colleges viz. D.A.V. College, Christ Church college, P.P.N. College, V.S.S.D. college, A.N.D. Mahapalika Mahila Mahavidyalaya, Kanpur. The Committee consisted of the following:-

- 1) Prof. H.L. Sharma
Chairman
Commission for Scientific
and Technical Terminology
& Head of the Central Hindi
Directorate
Ministry of Education &
Social Welfare, New Delhi. Convenor
- (2) Prof. B.S. Sood
Department of Physics,
Punjabi University,
Patiala Member
- (3) Prof. H.Y. Mohan Ram
Department of Botany
Delhi University,
Delhi. Member
- (4) Prof. V. Singh
Department of Mathematics
Punjabi University,
Patiala Member
- (5) Dr. A.P. Mehrotra
Director, of Higher Education
Uttar Pradesh, Allahabad))
(U.P. Govt. Nominee)

(6) Shri Y.D. Sharma
Deputy Secretary,
University Grants Commission - Secretary

2. The Kanpur University was established in 1966 under the Kanpur & Meerut Universities Act, 1965 as a unitary, residential and affiliating University. It has no teaching departments and it is presently an affiliating University. With the promulgation of U.P. Universities (Re-enactment and Amendment Act 1974) U.P. Universities Act No.29 of 1974, the jurisdiction of Kanpur University extends over the areas comprising the districts of Allahabad, Etawah, Fatehpur, Farrukhabad, Hardoi, Kanpur, Lakhimpur Kheri Lucknow, Rai-Bareilly, Sitapur & Unnao excepting areas which lie within the limits of universities of Allahabad and Lucknow. In respect of institutions and research in the Ayurvedic & Unani systems of medicine and advancement and dissemination of knowledge thereof the jurisdiction of Kanpur University is exercisable throughout Uttar Pradesh. The Kanpur University has the faculties of Arts, Science, Commerce, Law, Education, Agriculture, Engineering and Technology, Medicine, Homeopathic Medicine, Ayurvedic & Unani systems of Medicine.

3. A copy of the report of the committee is enclosed (Annexure). The report has the approval of the Convenor of the committee. Comments from the members of the Committee are awaited.

GENERAL OBSERVATIONS AND RECOMMENDATIONS

(i) The Kanpur University came into existence by an Act of U.P. legislature in 1966. The Act envisaged the Kanpur University developing as a teaching-cum-affiliating university. Even in 1975-76, it remains a purely affiliating university without any academic nucleus of its own. It is an examining body. As a result it has not been possible for the university to contribute materially towards upgrading either the courses of study or the standard of teaching and research in affiliated colleges. The university could have effectively contributed had it established the school of physical science and developed a nucleus of its own of teaching and research departments around which an integrated plan of cooperation and coordination among the affiliated colleges could be built up. But the university lost that opportunity by not implementing the schemes approved by U.G.C. This was due either to the non-receipt of proper assurance/matching share from the

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state government, or lack of dynamism, leadership, seriousness of purpose and inability to utilise the opportunity, or both combined led to the state of stagnation.

- (2) Kanpur city has 10 undergraduate and 12 postgraduate colleges. This accounts for entire postgraduate education in science enrolment and two-third of undergraduate enrolment in humanities and social sciences. Some of the colleges in Kanpur have a long tradition with many distinguished scholars and scientists but of late large admissions and high cost of education have adversely affected the standards of teaching and research in them. Some of the postgraduate colleges have made a significant contribution to higher education in arts, commerce and science subjects. the pace of development and standard of education have been set by its affiliated colleges. But all this was achieved without direct and effective leadership which is normally provided by the university teaching departments. The university continues to be a consortium of affiliated colleges rather than a community of committed academicians and scholars deeply involved in serious academic pursuit viz teaching, research and extension in close cooperation in a campus.
- (3) The state government should not withhold any sanction that is required for the implementation of projects approved by the UGC. The state government should rationalise the grant giving procedure to the universities, and make it more realistic. The genuine financial needs of the university necessitated by academic considerations should be sympathetically considered by the State Government. The state government should make available substantial annual grants for the purchase of books and journals.
- (4) As recommended by the UGC fourth plan visiting committee, the Kanpur University has still to address to several problems concerned with the maintenance of proper standard the improvement of undergraduate education in the affiliated colleges the coordination of post-graduate instruction commensurate with its

(1C)

facilities and manpower requirements and in relation to the over all requirements at the State/National level and to evolving policies and programmes which would help the University to make a distinct and positive contribution to higher education in the country. Any further delay in undertaking these functions will only make the task more difficult. A university has to discharge its duty and obligations towards the society, community and the nation. The main endeavour of the university should be to make its presence felt in the educational community as well as the general public. Further in an Industrial city like Kanpur, having also an agricultural university and an Indian Institute of Technology where the students come from different social strata of industrial and agricultural groups, the University should attempt to develop educational programmes which may suit the needs of the community and thus trying to discharge its obligations of assisting the affiliated colleges to improve their standard and make the education meaningful.

- (5) A University has to assume academic leadership by providing a strong base for postgraduate teaching (especially where undergraduate teaching is not provided) and research by instituting specialised and innovative postgraduate courses which cannot be managed by the colleges. This is imperative for improving the standards of education and research in the university and the colleges.
- (6) The Kanpur University may in consultation with the state government of Uttar Pradesh take a deliberate decision, after due consideration, about its pattern of future development and the role it should play in improving the standards of education and in meeting the demands of the society.
- (7) Also with the prescribing of M.Phil. degree as a minimum qualification for the appointing of a lecturer in the colleges in the Uttar Pradesh, there has been a great demand from all the universities in the state to Institute M.Phil. courses in almost all the disciplines. The Government of Uttar Pradesh would be well advised to appoint a high powered expert

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committee to make a proper assessment of the requirements for the facilities existing in each university for the M.Phil. course so that judicious decision could be taken to institute these courses in certain selected courses/disciplines in the universities spread over the state. It may be desirable to have uniform pattern of M.Phil course and examination for the entire state of Uttar Pradesh, as far as possible, and preferably in accordance with the guidelines recently prepared by the UGC. The first pre-requisite for starting a M.Phil course should be a very strong postgraduate and research teaching base.

- (8) The university may encourage the staff to make maximum use of faculty improvement programmes such as summer institutes, seminars, orientation/ refresher courses, national associateship, visiting professorships, study level, faculty exchange teacher fellowships, etc. It should also organise summer institutes, seminars, refresher courses etc. for teachers of affiliated colleges. The Commission has made provision for faculty improvement programmes outside the plan funds.
- (9) Planning is an all-involving continuous process. It requires proper implementation, coordination, assessment, re-evaluation and review, so that the programmes have a direct relevance to the needs of the university community and the country. The university may set up a development planning board consisting of representatives of teachers, students, administration, and state government, for the constant review of the implementation of various programmes, and for the future, planning and development of the university on sound lines, within the limited resources available to it.
- (10) The standard of postgraduate education also depends on the undergraduate who are educated at the affiliated colleges. There is need for strengthening the academic and other facilities in these colleges. Each college should have a small development panel representing management, teachers, students and, if possible local bodies or state government, for its future development suiting the local as well as academic needs.

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FINANCIAL IMPLICATIONS OF THE RECOMMENDATIONS

4. During the fourth plan period (1966-74), the U.G.C. on the recommendations of the Visiting Committee had sanctioned schemes amounting to Rs.96.80 lakhs (UGC share Rs.75.36 lakhs). Against this, the Commission released grants amounting to Rs.1,90,000/- for the purchase of library books & journals. The University did not claim any grant for other projects.

5. During the fifth plan period assistance amounting to Rs.2,00,000/- for books & journals (Rs.1,00,000/- as basic grant and Rs.1,00,000/- as additional grant) has already been committed. The following are the financial implications:

A. Basic grant

Books & Journals
(including addl.grant) Rs.2,00,000

B. New Schemes

*Professor-7	1. Books & Journals	Rs.12,00,000
Readers 14	2.*Staff	Rs.21,57,000
Lecturers 24	3.Equipment	Rs.21,50,000
Others 17	4. Building	Rs.37,90,000
	5. Miscellaneous	Rs.4,00,000
		<u>Rs.98,97,000</u>

6. Of the above staff 7P, 3R, 10L & 8 others are in the first priority 8R, 7L, 7 Others are in the second priority and 3R, 7L and 2 Others in the third priority. The share of the state government for all the three priorities will be Rs.3.05 lakhs(Recurring) and Rs.39.61 lakhs (non-recurring).

7. The ceiling of allocation of Kanpur University is Rs.100 lakhs for the fifth plan period ending 1978-79 against which the committee has recommended a total assistance of Rs.98.97 lakhs. The distribution of this amount in three priorities is as follows:

<u>1st Priority</u>	<u>2nd priority</u>	<u>3rd priority</u>	<u>Total</u>
Rs.60.20 lakhs	23.22 lakhs	15.55 lakhs	98.97 lakhs

The representative of the U.P. Govt. assured the committee that the matching share will be made available by the State for all such proposals/projects which are approved by the UGC and that no project will suffer for want of matching share from the State Govt.

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It may, however, be mentioned that while considering the report of the visiting committee appointed by the Commission to assess the V plan proposals of Agra University (Item No.25 of the meeting held on 3rd-5th June, 1976), the Commission desired that the question of organisation of teaching and research in Agra University (also in Kanpur University) may be examined further by a expert committee is being finalised.

The report of the Kanpur University Visiting Committee is placed before the Commission for consideration.

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UNIVERSITY GRANTS COMMISSION

Annexure

Report of the visiting Committee which assessed the Fifth Plan development proposals of University of Kanpur.

....

The University Grants Commission appointed a visiting committee to assess the fifth plan development proposals of the University of Kanpur. The committee consisted of the following members :-

1. Professor H.L. Sharma Convener
Chairman,
Commission for Scientific &
Technical Terminology & Head
of the Central Hindi Directorate
Ministry of Education and Social
Welfare, New Delhi.
2. Professor B. S. Sod, Member
Department of Physics
Punjabi University
Patiala.
3. Professor H. Y. Mohan Ram "
Department of Botany
Delhi University
Delhi.
4. Professor V. Singh "
Department of Mathematics
punjabi University
Patiala.
5. Dr. A.P. Mehrotra "
Director of Higher Education
Uttar Pradesh, Allahabad
(U.P. Government Nominee).
6. Shri Y.D. Sharma Secretary
Deputy Secretary
University Grants Commission.

2. The committee visited the Kanpur University on September 24-25, 1975 and held discussions with the Vice-Chancellor, some members of the executive council and other officers of the university. The committee discussed with the student representatives and teachers representatives from the local colleges matters concerning their welfare and development of corporate life within the college campuses. The committee also visited the campus. In addition, the committee visited five local postgraduate colleges, namely D.A.V. College, Christ Church College,

P.F.N. College, V.S.S.D. College, A.N.D. Mahapalika Mahala Mahavidyalaya, Kanpur. The committee met at Delhi on April 6, 1976 to consider the revised proposals sent by the University to the Commission.

II - BASIC FACTS AND FIGURES

3. The Kanpur University was established in 1966 under Kanpur and Meerut universities Act of 1965 (U.P. Act No. XIII of 1965) as a unitary, residential and affiliating university. It has no teaching departments. It is presently an affiliating university.

With the promulgation of U.P. Universities (Re-enactment and Amendment) Act 1974 (U.P. Universities Act. No. XXIX of 1974), the jurisdiction of Kanpur University extends over the area comprising the districts of Allahabad, Etawah, Fatehpur, Farrukhabad, Hardoi, Kanpur, Lakhimpur Kheri, Lucknow, Rae Bareilly, Sitapur and Unnao excepting the areas which lie within the limits of Universities of Allahabad and Lucknow. In respect of institutions and research in the ayurvedic and unani systems of medicine and advancement of dissemination of knowledge thereof the jurisdiction of Kanpur University is exercisable throughout Uttar Pradesh.

4. The University has the following faculties :-

- i. Faculty of Arts
- ii. Faculty of Science
- iii. Faculty of Commerce
- iv. Faculty of Law
- v. Faculty of Education
- vi. Faculty of Agriculture
- vii. Faculty of Engineering and Technology
- viii. Faculty of Medicine
- ix. Faculty of Homeopathic Medicine
- x. Faculty of Ayurvedic and Unani System of Medicine.

5. Affiliated Colleges: The number of colleges affiliated to the Kanpur University in 1975 was 69 (39 undergraduate colleges and 30 postgraduate colleges).

The city of Kanpur with 22 affiliated colleges, of which 12 colleges are engaged in postgraduate institution, is the main educational centre and accounts for almost the entire post-graduate in science enrolment and two-third of undergraduate enrolment in humanities and social science

subjects. The university has supplied the following statistics* of students in various faculties :

Faculty	No. of students who submitted their examination forms as on 31.3.1975.
1. Arts	82,000
2. Science	9,700
3. Commerce	5,500
4. Law	7,064
5. Education	6,600
6. Agriculture	1,800
7. Medicine	600
8. Engineering & Technology	865
9. Ayurvedic and Unani Medicine	3,000
10. Homoeopathic Medicine	60
	<hr/>
	1, 17, 189

6. Examination Results : The results of the examinations conducted by the Kanpur University during 1973 are given in annexure I.

7. The basic information about the five colleges viz: DAV College, Kanpur, Christ Church College, Kanpur, P.P.N. College Kanpur, V.S.S.D. College, Kanpur and A.N.D. Mahapalika Mahila Mahavidyalaya, Kanpur, visited by the visiting committee is given in annexures II to VI.

III - IMPLEMENTATION OF FOURTH PLAN PROPOSALS

8. The fourth plan visiting committee made, inter alia, the following observations/recommendations :

"The University has to address itself to several problems concerned with the maintenance of proper standards, the improvement of undergraduate education in the affiliated institutes, the coordination of postgraduate instruction commensurate with its facilities and manpower requirements and in relation to the overall requirements at the State/national level and to evolve policies and programmes which would help the university to make a distinct and position contribution to higher education in the country.

* The University has given the statistics of students who submitted their examination forms, and not of the number of students on the rolls of affiliated colleges in various courses in 1974-75.

- (4) (4) The expenditure on the teaching staff provided in the scheme to be appointed for the School of Physical Sciences during the fifth plan period will also be provided by the UGC for the duration of fifth five year plan only. The State Government would take over this recurring liability at the end of the fifth plan period.
- (5) The State Government would agree to the University appointing the teaching staff provided under the scheme in the fifth plan as scheduled by the Expert Panel to be appointed by the University.
- (6) The supporting technical and the non-teaching staff and other working expenses for the optimum running and maintenance of laboratories will be made available by the State Government/ University of Kanpur.
- (7) The University in consultation with the UGC will immediately appoint an Expert Panel to advise the university to work out details for establishment of the School of Physical Sciences and also the courses to be taught there, keeping in view the suggestions made by the visiting committee to develop inter-disciplinary courses of study and research. In the light of that the University may decide the areas for which the core staff may be appointed immediately.

The expert committee may also suggest a schedule for appointments etc., so that instruction could be started from next academic year.

11. In February/March 1974 the Vice-Chancellor, Kanpur University appointed another expert panel to advise the university to work out the details for the establishment of School of Physical Sciences.

12. The Kanpur University, however, sought the acceptance of the following projects during fourth plan period :

	<u>Total Cost</u>	<u>UGC share</u>
(i) Construction of Central Library Building.	Rs. 20.00 lakhs	Rs. 13.33 lakhs
(ii) Construction of Vice-Chairman's Lodge	Rs. 0.80 lakhs	Rs. 0.40 lakhs
(iii) Construction of Guest House	Rs. 2.50 lakhs	Rs. 1.00 lakh
(iv) Purchase of Books and Journals	Rs. 5.00 lakhs	Rs. 5.00 lakhs
Total:-	<u>Rs. 28.30 lakhs</u>	<u>Rs. 19.73 lakhs</u>

13. An amount of Rs. 1.90 lakhs only was released to the university for purchase of books and journals during the fourth plan period. No other project was undertaken by the university.

IV - FIFTH PLAN PROPOSALS

14. Grants already committed: The Commission already committed the following assistance to the Kanpur University, prior to the visit of the committee.

- i. Basic grant for books and journals .Rs1.00 lakh
 - ii. Additional grant for books and journals Rs1.00 lakh
- Total:- Rs.2.00lakh

15. The Proposals: For the fifth plan period, the Kanpur University was requested to send proposals within a ceiling of Rs.100 lakhs, as UGC share, divided into three categories as: first priority programmes Rs. 50 lakhs (including spill-over schemes and projects already approved), and second and third priority programmes Rs.25 lakhs each. The Commission also suggested the general norms of allocation as: building construction 25% additional staff 27% books 20% equipment 20% and miscellaneous 8%.

16. The Kanpur University sent the following development proposals to the Commission for implementation under phase I during the fifth plan period:-

1. Library building	Rs. 30.00 lakhs
2. Library Books and Journals	Rs. 10.00 "
3. Library Staff	Rs. 8.20 "
4. Guest House	Rs. 5.00 "
5. Vice-Chancellors Lodge	Rs. 1.80 "
6. School of Physical Sciences building	Rs. 40.00 "
Total:-	<u>Rs. 95.00 lakhs</u>

17. State Policy on Higher Education: The representative of the U.P. State Education Department assured the committee that the matching share will be made available from the State for all such proposals/projects which are approved by the UGC, and that no project will suffer for want of matching share from the State Government. Uttar Pradesh is the first State in the country which accepted and implemented the revised pay scales for university and college teachers, and has prescribed M.Phil degree as the qualification for appointment of lecturers in the colleges in the State.

V. Views of the Vice-Chancellor, Members of Executive Council, College Principals and Teacher Representatives.

18. The Vice-Chancellor, members of the executive council, principals of local colleges and representatives of Kanpur University Teachers Association made the following observations in the course of discussions with the visiting committee:

- (i) The Kanpur University has, so far, been only an examining body, with 69 affiliated colleges and without an academic nucleus of its own. The University could not, however, implement the various development schemes approved by the UGC, as the necessary state government assurance/matching share was not forthcoming during the fourth plan period.

- (ii) The University has, during fifth plan, started the construction of the vice-chancellor's lodge and the guest-house. There was an urgent need of constructing the university library.
- (iii) In the present context the university has dropped the already approved proposal for the setting up of a school of physical sciences.
- (iv) With the revision of pay scales and qualifications of teachers the situation has changed. The U.P. Government has prescribed M.Phil. degree as one of the essential qualifications for teachers for recruitment in colleges. There was thus a need to give a new shape to the development proposals of the university for the fifth plan period.
- (v) The University has decided to start M.Phil courses at the university level in 15 subjects. These courses in arts and commerce faculties will be run by the university directly. The courses in the faculty of science will be run in the selected affiliated colleges.
- (vi) The university does not find it feasible to have M.A./M.Sc. courses based in the university.
- (vii) In order to perpetuate the memory of great martyr Shri Ganesh Shankar Vidyarthi, a school of Hindi Journalism be started.
- (viii) It is also proposed to institute a degree in library science.
- (ix) The teachers expressed that M.Phil should not be considered as a prerequisite training course for appointment of lecturers in the colleges. In fact, M.Phil studies should be directly related to research work leading to Ph.D. degree; otherwise its scope will be limited.
- (x) The teachers complained that unlike the teachers in the Delhi colleges and in central universities, the teachers of colleges in U.P. do not get adequate house rent and city compensatory allowances, medical reimbursement etc. and they have to pay exorbitant rents in the city.
- (xi) The UGC should not grant public funds over the construction of a building of a new institute but utilise these funds in strengthening the already existing departments in different subjects in various colleges.

VI - REVISED PROPOSALS

19. As the university was not eager to implement the proposals already submitted by it to the University Grants Commission (para 16), the committee advised the university to reframe its proposals and send the same to the UGC for a detailed examination by the visiting committee. In framing the proposal for institution of M.Phil courses in affiliated colleges the university was requested to keep in view the (i) past academic history of the department in a

college; (ii) number of teachers holding research degrees in a department, (iii) number of Ph.D.'s and research papers produced by a department (iv) number of research scholars working in a department; (v) equipment and other facilities available in a department, and (vi) library facilities available. Screening of the department should be done by a team of experts in a subject.

20. The Kanpur University's revised proposals were received in the UGC early in 1976. The revised proposals may be seen in annexure VII.

VII - MAIN RECOMMENDATIONS

General Observations and Recommendations

21. The Kanpur University came into existence by an Act of U.P. legislature in 1966. The Act envisaged the Kanpur University developing as a teaching-cum-affiliating university. Even in 1975-76, it remains a purely affiliating university, without any academic nucleus of its own. It is an examining body. As a result it has not been possible for the university to contribute materially towards upgrading either the courses of study or the standard of teaching and research in affiliated colleges. The university could have effectively contributed had it established the school of physical science and developed a nucleus of its own of teaching and research departments around which an integrated plan of cooperation and coordination among the affiliated colleges could be built up. But the university lost that opportunity by not implementing the schemes approved by the UGC. This was due either to the non-receipt of proper assurance/matching share from the state government, or lack of dynamism, leadership, seriousness of purpose and inability to utilise the opportunity, or both combined led to the state of stagnation.

22. Kanpur city has 10 undergraduate and 12 postgraduate colleges. This accounts for entire postgraduate education in science enrolment and two-third of undergraduate enrolment in humanities and social sciences. Some of the colleges in Kanpur have a long tradition with many distinguished scholars and scientists, but of late large admissions and high cost of education have adversely affected the standards of teaching and research in them. Some of the postgraduate colleges have made a significant contribution to higher education in arts, commerce and science subjects. The pace of development and standard of education have been set by its affiliated colleges. But all this was achieved without direct and effective leadership which is normally provided by the university teaching departments. The university continues to be a consortium of affiliated colleges rather than a community of committed academicians and scholars deeply involved in serious academic pursuit viz teaching, research and extension, in close cooperation in a campus.

23. The state government should not withhold any sanction that is required for the implementation of projects approved by the UGC. The state government should rationalise the

grant giving procedure to the universities, and make it more realistic. The genuine financial needs of the university necessitated by academic considerations should be sympathetically considered by the state government. The state government should make available substantial annual grants for the purchase of books and journals.

24. As recommended by the UGC fourth plan visiting committee, the Kanpur University has still to address itself to several problems concerned with the maintenance of proper standard the improvement of undergraduate education in the affiliated colleges the coordination of postgraduate instruction commensurate with its facilities and manpower requirements and in relation to the over all requirements at the State/National level and to evolving policies and programmes which would help the University to make a distinct and positive contribution to higher education in the country. Any further delay in undertaking these functions will only make the task more difficult. A university has to discharge its duty and obligations towards the society, community and the nation. The main endeavour of the University should be to make its presence felt in the educational community as well as the general public. Further in an industrial city like Kanpur, having also an agricultural university and an Indian Institute of Technology where the students come from different social strata of industrial and agricultural groups, the University should attempt to develop educational programmes which may suit the needs of the community and thus trying to discharge its obligations of assisting the affiliated colleges to improve their standard and make the education meaningful.

25. A university has to assume academic leadership by providing a strong base for postgraduate teaching (especially where undergraduate teaching is not provided) and research by instituting specialised and innovative postgraduate courses which cannot be managed by the colleges. This is imperative for improving the standards of education and research in the university and the colleges.

26. The Kanpur University may in consultation with the state government of Uttar Pradesh take a deliberate decision, after due consideration, about its pattern of future development and the role it should play in improving the standards of education and in meeting the demands of the society.

27. Also with the prescribing of M.Phil. degree as a minimum qualification for the appointment of a lecturer in the colleges in the Uttar Pradesh, there has been a great demand from all the universities in the state to Institute M.Phil. courses in almost all the disciplines. The Government of Uttar Pradesh would be well advised to appoint a high powered expert committee to make a proper assessment of the requirements for the facilities existing in each university for the M.Phil. course so that judicious decision could be taken to institute these courses in certain selected courses/disciplines in the universities spread over the state. It may be desirable to have uniform pattern of M.Phil. course and examination for the entire state of Uttar Pradesh, as far as possible, and preferably in accordance with the guidelines recently prepared by the UGC. The first prerequisite for starting a M.Phil course should be a very strong postgraduate and research teaching base.

28. The university may encourage the staff to make maximum use of faculty improvement programmes such as summer institutes, seminars, orientation/refresher courses, national associateship, visiting professorships, study leave, faculty exchange, teacher fellowships, etc. It should also organise summer institutes, seminars, refresher courses, etc., for teachers of affiliated colleges. The Commission has made provision for faculty improvement programmes outside the plan funds.

29. Planning is an all-involving continuous process. It requires proper implementation, coordination, assessment, re-evaluation and review, so that the programmes have a direct relevance to the needs of the university community and the country. The university may set up a development planning board consisting of representatives of teachers, students, administration, and state government, for the constant review of the implementation of various programmes, and for the future, planning and development of the university on sound lines, within the limited resources available to it.

30. The standard of postgraduate education also depends on the undergraduates who are educated at the affiliated colleges. There is need for strengthening the academic and other facilities in these colleges. Each college should have a small development panel representing management, teachers, students and, if possible local bodies or state government, for its future development suiting the local as well as academic needs.

Establishment of Inter-Disciplinary Departments

31. Since Kanpur University, Kanpur did not implement the U.G.C. approved proposal of setting up school of physical sciences during the fourth plan period, the post-graduate teaching and research activities are confined entirely to its affiliated colleges. Facilities in these colleges are scanty and just sufficient to service stereo-typed and old fashioned courses. The training of students in modern and recent branches of knowledge is severally lacking because specialised and innovative postgraduate courses to meet the challenges of the latest developments in science and technology cannot be managed by the colleges with the meager facilities at their disposal. It is, therefore, recommended that University may take necessary steps to start strong post-graduate departments in science and social science subjects, to assume academic leadership and set standards of teaching and research for the colleges. The courses provided should have inter-disciplinary and integrated approach. There should be sufficient flexibility in staffing etc. The programme should encourage interface between the various disciplines through crossing of interdisciplinary areas. In view of the limited resources, the programme may be phased to achieve the desired standards of excellence. If the resources are dispersed over a larger number of schemes, the quality is bound to suffer.

Department of Physics

32. It may be helpful for the overall development of the University to put department of physics in the first phase of the programme, because a strong department of physics with reasonably good mechanical, electronic, optical and glass blowing workshop facilities can render immense help to support the teaching and research activities of the other proposed science departments. Great care may be exercised not to duplicate the facilities already existing in the colleges. Teaching and research programmes of the department should be oriented towards those branches of knowledge which are not catered by the colleges but are useful to meet the future needs of trained manpower in the country. The department can certainly make some contribution in the fields of space physics, modern optics and laser physics, digital electronics, cryogenics, energy, tracer technology and medical physics, etc. in which worthwhile programmes have been initiated.

33. The Committee makes the following recommendations :

	<u>Priority I</u>	<u>Priority II</u>	<u>Priority III</u>
Staff:	One Professor (Experimental nuclear spectroscopy/Modern optics/Electronics)	One Reader (Theoretical Physics)	One Reader
	One Reader (Low temperature nuclear physics/Solid State Physics/Biophysics)	One Lecturer (Communication system/Nuclear Physics)	One Lecturer
	Two Lecturers (X-ray spectroscopy/Space Physics)		
	One Tech. Asstt.	One Sr. Tech. Asstt.	
Books & Journals	Rs. 1.50 lakhs	Rs. 30,000	Rs. 20,000
Equipment	Rs. 3.00 lakhs	Rs. 2.00 lakhs	Rs. 2.00 lakhs

Department of Mathematics

34. In the modern society the dependence on mathematics and mathematical thought has increased partly due to advance of physical sciences and technology, to organize, quantify and formulate human knowledge and thought in compact form. The use of sophisticated mathematics has now become common even in biological sciences, social sciences and in

humanities. However, teaching of mathematics in the colleges of Kanpur University is still on routine lines. The department of mathematics, which is intended to include statistics, operations research etc. will fill this gap by establishing rapport with other science and social science departments and also by giving to its students training both in basic and applicable mathematics in accordance with the recommendations contained in the Proceedings of the Conference on Mathematics Education and Research held at Bangalore in 1973 and published by the U.G.C.

35. The committee makes the following recommendations:

	<u>I Priority</u>	<u>II Priority</u>	<u>III Priority</u>
	One Professor	One Reader	One Reader
	One Reader	One Lecturer (Both Stat.)	One Lecturer
	Two Lecturers (All Maths.)		
Books & Journals :	Rs. 50,000	Rs. 15,000	Rs. 5,000
Equipment	Rs. 30,000 (Calculating machines, Mathematical typewriters).	Rs. 10,000	Rs. 10,000

Department of Biological Sciences

36. As several colleges in Kanpur are already providing teaching at the master's level in botany and zoology, it seems rather unnecessary to open university departments in these conventional subjects. It is, therefore, recommended that a department of biological sciences be started which would offer courses not only in the fundamental and modern aspects of biology but would also educate the students the scientific understanding of the problems of the environment in a growing industrial city like Kanpur.

37. It is envisaged that a modern department of biological sciences would be able to draw talented and motivated students after their B.Sc. degree from the local colleges. The proposed department will not, therefore, compete with the existing colleges. On the other hand it would be able to interact with the neighbouring institutions of higher learning like I.I.T. the Agricultural University and the Medical College, at Kanpur.

38. Although the details of the courses to be offered in the proposed department of biological sciences could be worked out later, the following will serve as examples: cell and molecular biology, general and industrial mycology and microbiology, plant pathology, biochemistry, ecology (with special reference to production ecology, conservation, management and environmental pollution), biosystematics, cytogenetics and molecular genetics.

⑧ entomology and pest control, comparative reproductive biology,

39. The core courses and the advanced courses can be framed after studying the syllabi in operation at Madurai, NEHU (Shillong), Himachal Pradesh University, (Simla), Sarashtra University (Rajkot) and other universities.

40. The committee makes the following recommendations :

	<u>Priority I</u>	<u>Priority II</u>	<u>Priority III</u>
Additional Staff	One Professor	One Reader	One Reader
	One Reader	One Lecturer	One Lecturer
	Two Lecturers		
	One Sr. Tech. Asstt.	One Tech. Asstt.	--
	One Tech. Asstt. One Gardner	One Animal catcher	--
Books & Journals	Rs. 1.50 lakhs	Rs. 30,000	Rs. 20,000
Equipment	Rs. 5.00 lakhs	Rs. 2.00 lakhs	Rs. 1.00 lakh
Building (combined multi-storeyed building for deptts. of biosciences, physics, mathematics and Psychology: 20,000 sq. ft.)	Rs. 3.50 lakhs	Rs. 1.00 lakhs	Rs. 50,000
Botanical Garden	Rs. 1.00 lakh	Rs. 30,000	Rs. 20,000
Animal House	Rs. 1.50 lakhs	Rs. 50,000	Rs. 50,000

In addition, the state government of Uttar Pradesh may also make provision for the following annual recurring expenditure after the institution has been set up: equipment and furniture (Rs. 50,000), chemicals and glassware (Rs. 45,000), repairs and maintenance of equipment (Rs. 15,000), garden and animal house (Rs. 15,000), books and journals (Rs. 10,000) contingencies (Rs. 20,000), excursions, field trips and surveya (Rs. 10,000).

Central Workshop

41. The committee recommends the following for the establishment of central workshop having mechanical, electronics, optical and glass blowing sections:

	<u>Priority I</u>	<u>Priority II</u>	<u>Priority III</u>
Staff	One Workshop superintendent (Rs. 700-1300)	One Precision Mechanic	One Technician
	One Electronic Technician	One glass blower	
	One Carpenter		
Equipment	Rs. 2.50 lakhs	Rs. 50,000	Rs. 50,000
Building	Rs. 1.50 lakhs	Rs. 50,000	Rs. 50,000

Department of Psychology

42. The Committee recommends that the university may establish a department of psychology and provide innovative postgraduate courses and research and it recommends the following:

	<u>I Priority</u>	<u>II Priority</u>	<u>III Priority</u>
Staff	1 Professor 1 Lecturer	1 Reader 1 Lecturer	4 Lecturer
Books & Journals	Rs. 20,000	Rs. 10,000	Rs. 5,000
Equipment	Rs. 1.00 Lakh	Rs. 20,000	Rs. 20,000

The committee has recommended a combined multi-storied building with an area of 20,000 sq.ft. to accommodate the departments of Bio-sciences, Physics, Mathematics and Psychology and their laboratories.

Department of Economics, Commerce and Sociology

43. The departments of economics, commerce and sociology may be set up during the fifth plan period. The integrated programme should have inter-disciplinary approach. The committee makes the following recommendation

	<u>I Priority</u>	<u>II Priority</u>	<u>III Priority</u>
<u>Department of Economics</u>	One Professor	One Reader	One Lecturer
Staff	One Reader	One Lecturer	
Books & Journals	Rs. 50,000	Rs. 15,000	Rs. 5,000
Equipment	Rs. 10,000	Rs. 5,000	Rs. 5,000
<u>Department of Commerce</u>			
Staff	One Professor One Lecturer	One Reader One Lecturer	One Lecturer
Books & Journals	Rs. 50,000	Rs. 15,000	Rs. 5,000
Equipment	Rs. 10,000	Rs. 5,000	Rs. 5,000
<u>Department of Sociology</u>			
Staff	One Professor One Lecturer	One Reader One Lecturer	One Lecturer
Books & Journals	Rs. 20,000	Rs. 10,000	Rs. 5,000
A combined building for the departments of Commerce, Economics & Sociology	Rs. 2.00 Lakhs	Rs. 50,000	Rs. 50,000

Department of Journalism

44. With a view to perpetuating the memory of martyr Shri Ganesh Shankar Vidyarthi, the University proposed to set up a department of Hindi Journalism, and to hold the classes for the diploma in journalism; to begin with, in the premises of the Central Library building which will be constructed during the plan period. It was brought to the notice of the university that the department of journalism and mass communication at the Banarās Hindu University (which is not very far from Kanpur) provides instructions and practice in English as well as Hindi Journalism/one-year diploma course in journalism and mass communication. It was also pointed out that the department at the Banarās Hindu University intends to undertake a programme of preparation of textbooks on journalism in English and Hindi (for which no available text material is available presently), textbooks on advertising, public relations etc. In view of this the Committee strongly urges that the university may presently concentrate on the establishment of inter-disciplinary and integrative programmes of postgraduate studies and research in the areas of physical and biological sciences and social sciences subjects recommended by the committee elsewhere, and that the proposal for starting courses in Hindi journalism may be postponed till the next plan. It would be in the fitness of things to perpetuate the memory of a great martyr if a strong department with adequate preparation is established. On the repeated insistence of the Vice-Chancellor for the starting of this course, the Committee agreed to recommend one reader in the second priority. The reader may be appointed after the University has examined the proposal with the help of a committee of experts in the subject and a definite proposal formulated. It may be worthwhile if the courses in Hindi journalism at this university lay special emphasis on rural, agricultural, demographic, industrial labour social etc. problems and issues and adequate preparation should be made for the preparation of text and reading material.

Department of Library Science

45. The University proposes to start B.Lib.Sc. class in order to meet the demand of a very large number of degree colleges affiliated to it. It has been proposed to start the class in the central library building, with the help of the qualified library staff, which will not entail any extra expenditure on the part of the university. In view of the departments of library science functioning at the University of Lucknow and to Banarās Hindu University, very near to Kanpur, the committee could not recommend the proposal for starting B.Lib. Sc. class at the Kanpur University.

Central Facilities

46. Kanpur University is situated at a distance of about 16 km from the main city. Provision of any central facilities like central library, teachers residence, students hostels, guest house etc. are worthwhile only if these are properly utilised by the academic community and that can be possible only if, the university has meaningful teaching and research programmes at the university - campus. The committee, therefore, strongly recommends that the Kanpur University should initiate immediate action for undertaking inter-disciplinary and innovative programmes for

for providing postgraduate studies and research at the campus. The committee also feels that unless such a definite assurance is forthcoming from the state government and the Kanpur University, it will not serve any purpose to start the construction of library, hostels, staff quarters etc etc.

47. Considering that the Kanpur University would agree to the above suggestion the committee recommends the following allocation for the central facilities:

(a) <u>Central Library</u>	<u>I Priority</u>	<u>II Priority</u>	<u>III Priority</u>
Building (including furniture)	Rs. 10.00 lakhs	Rs. 2.50 lakhs	Rs. 2.50 lakhs
Staff	One Deputy Librarian	Two Senior Professional	One Junior Professional
Books & Journals	Rs. 3.00 lakhs	Rs. 1.50 lakhs	Rs. 50,000.00
Equipment	Rs. 40,000	Rs. 10,000	Rs. 10,000.00
(b) <u>Building for Teachers Residences</u>	Rs. 3.00 lakhs	Rs. 1.00 lakh	Rs. 1.00 lakh
(c) <u>Building for Students' Hostel</u>			
(i) Men Students	Rs. 2.00 lakhs	Rs. 1.00 lakh	Rs. 50,000.00
(ii) Women Students	Rs. 1.50 lakhs	-	-
(d) Building already started by the <u>University</u>			
(i) Vice-Chancellor Lodge	Rs. 40,000	-	-
(ii) Guest House	Rs. 1.00 lakh	-	-

ACKNOWLEDGEMENT

The committee would like to record its thanks and appreciation of the co-operation given to it by the Vice-Chancellor and other officers of the university, the State Education Departments, the Principals and Teachers of the local colleges and the representatives of students and teachers. With the free and frank discussions with the academic community the committee has been able to make its observations and recommendations in a short-time at its disposal and it is hoped that its recommendations will serve effectively for the development of this seat of learning along most desirable lines.

KANPUR UNIVERSITY

SUMMARY OF RECOMMENDATIONS OF THE
FIFTH PLAN VISITING COMMITTEE

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(Rupees in Lakhs)

S.No.	Item	I Priority	II Priority	III Priority	Total
1	2	3	4	5	6
1.	Basic grant (Books) (including additional)	2.00	-	-	2.00
2.	Staff	10.30	7.57	3.70	21.57
3.	Books & Journals	8.10	2.75	1.15	12.00
4.	Equipment	12.40	5.10	4.00	21.50
5.	Buildings	24.90	7.00	6.00	37.90
6.	Miscellaneous	2.50	0.80	0.70	4.00
	Total:	60.20	23.22	15.55	98.97

KANPUR UNIVERSITY

RECOMMENDATIONS OF THE FIFTH PLAN VISITING COMMITTEE

S.No.	Department	I Priority	II Priority	III Priority	<u>S T A F F</u>
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	
1.	Bio-Sciences	P-1 R-1 L-2 STA-1 TA-1 Gardener-1	R-1 L-1 - TA-1 Animal caretaker-1	R-1 L-1 - -	
2.	Physics	P-1 R-1 L-2 STA-1	R-1 L-1 STA-1	R-1 L-1 -	
3.	Mathematics & Statistics	P-1 R-1 L-2	R-1 L-1	Stati- stics	R-1 L-1
4.	Psychology	P-1 L-1	R-1 L-1		L-1
5.	Commerce	P-1 L-1	R-1 L-1		L-1
6.	Economics	P-1 L-1	R-1 L-1		L-1
7.	Sociology	P-1 L-1	R-1 L-1		L-1
8.	Journalism	-	R-1		-
9.	Central Library	Dy.Lib.-1	Sr.Profl.2		Jr.Profl.-1
10.	Central workshop	Workshop Supdt-1 (Rs.700-1300) Carpenter-1 Electronic Technician-1	Precision Mechanic-1 Glass Blower-1		Technician-1

KANPUR UNIVERSITY

RECOMMENDATIONS OF THE FIFTH PLAN VISITING COMMITTEE

BOOKS AND JOURNALS & EQUIPMENT

(Rupees in Lakhs)

Sl. No.	Department	Books & Journals (100%)				Equipment (100%)			
		Prio- rity I	Prio- rity II	Prio- rity III	Total	Prio- rity I	Prio- rity II	Prio- rity III	Total
1	2	3	4	5	6	7	8	9	10
1.	Bio-Sciences	1.50	0.30	0.20	2.00	5.00	2.00	1.00	8.00
2.	Physics.	1.50	0.30	0.20	2.00	3.00	2.00	2.00	7.00
3.	Mathematics & Statistics	0.50	0.15	0.05	0.70	0.30	0.10	0.10	0.50
4.	Commerce	0.50	0.15	0.05	0.70	0.10	0.05	0.05	0.20
5.	Economics	0.50	0.15	0.05	0.70	0.10	0.05	0.05	0.20
6.	Sociology	0.30	0.10	0.05	0.45	-	-	-	-
7.	Psychology	0.30	0.10	0.05	0.45	1.00	0.30	0.20	1.50
8.	Central Library	3.00	1.50	0.50	5.00	0.40	0.10	0.10	0.60
9.	Central Workshop	-	-	-	-	2.50	0.50	0.50	3.50
Total:		8.10	2.75	1.15	12.00	12.40	5.10	4.00	21.50

KANPUR UNIVERSITY

RECOMMENDATIONS OF FIFTH PLAN VISITING COMMITTEE

BUILDINGS

(Rupees in Lakhs)

S.No;	Department	Priority I			Priority II			Priority III		
		UGC share	State share	Total	UGC share	State share	Total	UGC share	State share	Total
1	2	3	4	5	6	7	8	9	10	11
1.	Physics, Mathematics & Psychology (20000 sq.ft. multistoried)	3.50	3.50	7.00	1.00	1.00	2.00	0.50	0.50	1.00
2.	Commerce, Economics & Sociology	2.00	2.00	4.00	0.50	0.50	1.00	0.50	0.50	1.00
3.	Central Workshop	1.50	1.50	3.00	0.50	0.50	1.00	0.50	0.50	1.00
4.	Central Library	10.00	10.00	20.00	2.50	2.50	5.00	2.50	2.50	5.00
5.	Guest House	1.00	3.75	4.75	-	-	-	-	-	-
6.	Vice-Chancellors Lodge.	0.40	1.36	1.76	-	-	-	-	-	-
7.	Teachers' Residence.	3.00	3.00	6.00	1.00	1.00	2.00	1.00	1.00	2.00
8.	Men Students Hostel	2.00	2.00	4.00	1.00	1.00	2.00	0.50	0.50	1.00
9.	Women students Hostel	1.50	0.50	² 2.00	-	-	-	-	-	-
		<u>24.90</u>	<u>27.61</u>	<u>52.51</u>	6.50	6.50	13.00	5.50	5.50	11.00

KANPUR UNIVERSITY

RECOMMENDATIONS OF THE FIFTH PLAN
VISITING COMMITTEE

MISCELLANEOUS

(Rupees in Lakhs)

S.No.	Item	Priority I	Priority II	Priority III	Total
1	2	3	4	5	6
1.	Animal House (100%)	1.50	0.50	0.50	2.50
2.	Botanical Garden (100%)	1.00	0.30	0.20	1.50
	Total:	2.50	0.80	0.70	4.00

KANPUR UNIVERSITY
EXAMINATION RESULTS - 1973

S. No.	Examination	No. of Students		Pass Percentage
		Appeared	Passed	
1	2	3	4	5
1.	B.A.	16258	11537	70.9
2.	B.Com.	829	552	66.5
3.	B.Sc.	3363	1871	55.6
4.	B.Sc.(Ag.) Two years course	205	156	76.01
5.	B.Sc.(Ag.) 3 years course	145	126	86.6
6.	LL.B. Two years course	905	600	62.1
7.	LL.B. Three years course	436	334	76.4
8.	B.Ed.	3233	2659	82.2
9.	B.Sc. Civil Engg.	12	12	100
10.	B.Sc. Mech. Engg.	28	28	100
11.	B.Sc. Elect. Engg.	37	37	100
12.	B.Sc. Chem. Engg.	42	41	97.6
13.	B. Text. (Text. Tech.)	11	9	81.9
14.	B. Text. (Text. Chem.)	8	8	100
<u>B.Sc. Chem. Tech.</u>				
15.	Bio. Chem. Engg.	3	3	100
16.	Food Tech.	7	7	100
17.	Oil Tech.	18	18	100
18.	Paints Tech.	15	14	93.3
19.	Plastic Tech.	16	16	100
20.	M.B.B.S. April	143	108	75.5
21.	M.B.B.S. Nov./Dec.	200 375	146 273	73.07 72.8
22.	B.A.M.S.	375 82	273 56	72.8 68.2
23.	B.U.M.S.	82 -	56 -	68.2 -
24.	Nursing	290 -	220 -	- 75.3
<u>M.A.</u>				
25.	Sanskrit	290	220	75.8
26.	Hindi	1570	1385	88.2
27.	English	194	177	91.2
28.	Pol. Science	863	733	84.9
29.	Urdu	47	46	97.8
30.	Sociology	942	749	88.8
31.	Psychology	115	109	94.7
32.	Geography	250	234	93.6
33.	Economics	1283	990	77.1
34.	Music	29	27	93.1
35.	Drng. & Painting	96	76	79.1
36.	Philosophy	24	22	91.6
37.	Ancient Indian History and Culture	138	109	78.9
38.	Medieval History	341	314	92.1
39.	Military Science	-	-	-
40.	Maths.	2	-	Nil
41.	Statistics	-	-	-
42.	Education	7	5	71.4

1	2	3	4	5
<u>M. Sc.</u>				
43.	Maths.	65	54	83.0
44.	Statistics	17	15	88.2
45.	Chemistry	166	147	88.5
46.	Botany	153	136	88.8
47.	Physics	90	63	70.0
48.	Zoology	138	109	78.9
49.	M. Com.	205	154	75.1
50.	M. Ed.	64	51	79.6
<u>M. Sc. Chemical Engg.</u>				
51.	Practice	4	4	100
52.	Design	2	1	50
<u>M. Sc. Tech. (Mech.)</u>				
53.	Bio-Chem. Engg.	1	1	100
54.	Food Tech.	-	-	-
55.	Oil Tech.	3	3	100
56.	Paints Tech.	2	2	100
57.	Plastic Tech.	3	3	100
58.	D.M. Cardiology Tech. Sept.	1	-	Nil
59.	D. M. Cardiology Sept.	1	1	100
60.	M.D. Medicine - July	14	5	35.7
61.	M.D. Medicine - Dec.	18	8	44.4
62.	M.D. Pathology - July	1	-	Nil
63.	M.D. Pathology - Dec.	2	-	Nil
64.	M.D. Radiology - July	1	-	Nil
65.	M.D. Radiology - Dec.	3	-	Nil
66.	M.D. Pharmacology - July	1	-	Nil
67.	M.D. Pharmacology - Dec.	1	-	Nil
68.	M.D. Anaesthesiology - July	1	1	100
69.	M.D. Anaesthesiology - Dec.	2	1	50
70.	S.F.M. - July	-	-	-
71.	S.F.M. - December	-	-	-
72.	Pediatrics - July	2	1	50
73.	Pediatrics - December	4	2	50
74.	M.D. Socials Preventive Medicine - July	2	2	100
75.	" " " - December	2	2	100
76.	Tuberculosis - July	3	2	66.6
77.	" " December	3	1	33.3
<u>Diploma's/July/December :</u>				
78.	D.C.H. - July	-	-	-
79.	D.C.H. - Dec.	7	7	100
80.	D.G.O. - July	2	2	100
81.	D.G.O. - Dec.	6	5	83.3
82.	D.T.C.D. - July	4	4	100
83.	D.T.C.D. - December	4	1	25
84.	D.M.R.E. - July	1	1	100
85.	D. M.R.E. - Dec.	-	-	-
86.	D.L.G. - July	4	4	100
87.	D.L.C. - Dec.	4	3	75
88.	D.C.M.S. (One year course)	10	10	100
89.	D.C.M.S. (Two year course)	11	11	100

1	2	3	4	5
	<u>M.Sc. (Ag.)</u>			
90.	Economics	27	27	100
91.	Extension	24	24	100
92.	Agronomy	16	16	100
93.	Animal Husbandry & Dairying	4	4	100
94.	Genetics & Plant Breeding	10	10	100
95.	Ag. Chemistry	10	10	100
96.	Horticulture	34	34	100
97.	Plant Pathology	9	9	100
98.	Plant Physiology	6	6	100
99.	Botany	-	-	-
100.	Ag. Zoology & Entomology	11	10	90.9
101.	Ag. Soil Conservation	8	8	100
	<u>M.S.</u>			
102.	Obstetrics & Gynaecology - July	2	1	50
103.	" " - Dec.	3	3	100
104.	Anatomy - July	2	1	50
105.	" " - Dec.	1	-	Nil
106.	Ophthalmology - July	-	-	-
107.	" " - Dec.	3	2	66.6
108.	E.N.T. - July	-	-	-
109.	" " - Dec.	3	1	33.3
110.	Ophthalmic Surgery - July	1	1	100
111.	" " - Dec.	3	2	66.6
112.	Surgery - July	6	4	66.6
113.	" " - Dec.	10	7	70
<u>Supplementary Examination Results - 1973</u>				
114.	B.A.	2351	1576	67
115.	B.Com.	129	91	70.5
116.	B.Sc.	489	277	56.6
117.	B.Sc. (Ag.) 2 years course	18	15	83.3
118.	B.Sc. (Ag.) 3 years course	10	10	100
119.	B.Text. (Text-Tech.)	2	2	100
	<u>B.Sc. Chem. Tech.</u>			
120.	Paints Tech.	1	1	100
121.	B.A.M.S.	93	73	78.4
122.	BMS	23	19	82.6

INFORMATION ABOUT D.A.V. COLLEGE, KANPUR

1. Name of the College Dayanand Anglo-Vedic College, Kanpur
2. Year of Establishment 1919
3. Year of Affiliation to the University From 1919 to 1927 to Allahabad University
From 1927 to 1966 to Agra University
Since 1966 to Kanpur University
4. Names of subjects in which teaching facilities are provided :
 - a) At Degree level
 - Arts (English, Hindi, Sanskrit, Mathematics, Philosophy, Psychology, Education, Drawing and Painting, History, Geography, Political Science, Sociology, Economics, Military Studies.
 - Level Science (Physics, Chemistry, Mathematics, Statistics, Military Studies, Geography, Botany, Zoology, Economics.
 - B.Com.
 - b) At Postgraduate level
 - Arts (English, Hindi, Sanskrit, Mathematics, Philosophy, Psychology, Education, Drawing and Painting, Ancient History, History, Geography, Political Science, Sociology, Economics.
 - Science (Physics, Chemistry, Mathematics, Statistics, Military Studies, Geography, Botany, Zoology.
 - Commerce (Company Law, Financial Accountancy, Organisation of Industries, Corporation of Finance, Statistics, Economics of Growth and Planning, Cooperative and Community Development, Advanced Business Economics, Cost and Management Accountancy, Marketing, Taxation, Labour, Agricultural Economics, Insurance
 - c) Research facilities In all subjects of M.A., M.Sc., and M.Com. mentioned above against 4(b).
5. Number of teaching staff in each subject, with No. of teachers possessing research qualifications :

	<u>Total No. of teachers</u>	<u>No. of teachers possessing research qualifications</u>
Arts. English	16	6
Hindi	20	7
Sanskrit	6	5
Philosophy	4	2
Psychology	7	-
Education	3	1

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	<u>Total No. of teachers</u>	<u>No. of teachers possessing research qualifications</u>
Drawing & Painting	4	1
History	2	1
Ancient History	3	1
Geography	15	5
Political Science	11	3
Sociology	8	1
Economics	11	3
Science.		
Physics	20	2
Chemistry	38	8
Mathematics	9	3
Statistics	6	-
Military Studies	12	-
Botany	33	2
Zoology	36	6
Commerce	25	10
Physical Director	1	-

6. Total enrolment in each course (1975-76) :

	<u>Pt. I & Previous</u>			<u>Pt. II & Final</u>		
	<u>Men</u>	<u>Women</u>	<u>Total</u>	<u>Men</u>	<u>Women</u>	<u>Total</u>
B.A.	649	-	649	352	-	352
B.Sc.	379	-	379	268	-	268
B.Com.	640	-	640	399	-	399
M.A. English	41	-	41	15	-	15
Hindi	17	2	19	15	-	15
Sanskrit	14	3	17	5	1	6
Philosophy	4	1	5	10	-	10
Education	13	34	47	13	18	31
Psychology	33	6	39	19	5	24
Org. & Ptg.	6	2	8	5	2	7
History	16	-	16	9	2	11
Ant. History	14	-	14	12	-	12
Geography	89	-	89	108	-	108
Pol. Science	130	-	130	48	1	49
Sociology	30	-	30	13	-	13
Economics	158	-	158	95	-	95
Mathematics	3	-	3	-	-	-
M.Sc. Physics	23	-	23	21	-	21
Chemistry	74	15	89	64	9	73
Mathematics	13	-	13	11	2	13
Statistics	26	1	27	24	-	24
Military Studies	12	-	12	14	-	14
Botany	75	12	87	110	11	121
Zoology	96	21	117	91	13	104
Geography	4	-	4	-	-	-
M.Com.	285	-	285	134	-	134

7. Examination results % passes at each examination in 1974 and 1975

	<u>Pass Percentage</u>	
	<u>1974</u>	<u>1975</u>
B.A.	65	66
B.Sc.	59	54
B.Com.	75	80
M. A. English	68	71
Hindi	88	100
Sanskrit	93	89
Philosophy	80	83
Psychology	100	80
Education	70	75
Drg. & Ptg.	83	92
History	100	75
Ant. History	88	100
Geography	89	84
Pol. Science	66	72
Sociology	72	89
Economics	83	78
Mathematics	-	100
M. Sc. Physics	52	80
Chemistry	94	77
Mathematics	70	69
Geography	100	100
Military Studies	100	100
Botany	84	88
Zoology	94	89
Statistics	100	70
M. Com.	91	87

INFORMATION ABOUT CHRIST CHURCH COLLEGE, KANPUR

1. Name of the College CHRIST CHURCH COLLEGE, KANPUR
2. Year of establishment 1866/1892
3. Year of affiliation to the University
Calcutta 1866-1892
Allahabad 1892-1927
Agra 1927-1966
Kanpur 1966 onward
4. Name the subjects in which teaching facilities are provided :
 - (a) At degree level English, Hindi, Economics, Pol. Science, Sociology, History, Urdu, Philosophy, Mathematics, Chemistry, Physics, Botany, Zoology and Commerce.
 - (b) At Postgraduate level English, Hindi, Economics, Pol. Science, Sociology, Mathematics, Physics, Botany, Chemistry, and Zoology.
 - (c) Research Facilities English, Hindi, Economics, Pol. Science, Sociology, Mathematics, Chemistry, Botany and Zoology.
5. No. of teaching staff in each subject with No. of teachers possessing research qualifications :

Subject	No. of teachers	No. of teachers possessing research qualification
English	8	1
Hindi	3	1
Sociology	4	-
Economics	6	2
Political Science	3	1
Mathematics	5	2
Chemistry	15	8
Botany	8	4
Physics	10	3
Zoology	9	2
Commerce	4	

6. Total enrolment in each course 1975-76 :

	<u>Men</u>	<u>Women</u>	<u>Total</u>
B.A. Part I	226	31	257
B.A. Part II	157	43	200
B.Sc. Part I	422	53	475
B.Sc. Part II	295	22	317
B.Com. Part I	172	1	173
B.Com. Part II	119	1	120

<u>M.A. Previous :</u>	<u>Men</u>	<u>Women</u>	<u>Total</u>
Economics	106	30	136
Political Science	28	19	47
Sociology	15	6	21
English	38	18	50
Hindi	5	9	14

<u>M.Sc. Previous :</u>			
Botany	8	7	15
Physics	8	4	12
Chemistry	17	6	23
Zoology	4	6	10
Mathematics	9	2	11

<u>M.A. Final :</u>			
Economics	78	25	103
Political Science	16	8	24
Sociology	11	13	24
English	12	11	23
Hindi	5	6	11

<u>M.Sc. Final</u>			
Botany	3	4	7
Physics	9	3	12
Chemistry	13	6	19
Zoology	3	7	10
Mathematics	11	-	11

7. EXAMINATION results % passes at each Examination in 1974 and 1975

<u>M.A. Final 1974</u>	No. appeared	I	II	III	Pass	Total	Percentage
English	29	1	18	8		28	96.6
Hindi	18		8	6		14	77.8
Pol. Science	28	1	4	14		19	67.9
Sociology	17	-	1	13		14	82.35
Economics	73	-	23	45		68	93.2
<u>M.Sc. Final</u>							
Physics	6	4				4	66.6
Chemistry	19	8	9			17	89.5
Botany	9	5	4			9	100
Zoology	9	1	8			9	100
Mathematics	23	3	8	7		18	78.6
<u>M.A. Final 1975</u>							
English	29	-	12	14		26	95.9
Hindi	9	-	6	3		9	100
Pol. Science	44	-	14	26		40	90.0
Sociology	22	-	6	15		21	95.5
Economics	87	-	32	51		83	95.4
<u>M.Sc. Final</u>							
Physics	10	5	3			8	80
Chemistry	19	8	10			18	84.3
Botany	10	-	10			10	100
Zoology	9	1	7			8	88.9

CHRIST CHURCH COLLEGE KANPUR

SALIENT FEATURES

The College has been conducting the U.G.C. programmes for the improvement of teaching of Science and Humanities. The scheme called COSIP and COHSIP. Under Cosip the students of the college fabricated apparatus, conducted activities involving the students of the college in general, like testing the blood group of College staff and students. Also the faculty members constituting the academic Committee under the scheme, evolved a rational and meaningful syllabus for the Science and Arts subjects taught in the college. The departments also framed model question papers in their respective fields.

The main feature of Games activities is the involvement of common students in games and sports. All the students of the College are divided into four houses and inter-houses competitions in various games and sports are held. The scheme has met with encouraging response from the students. The notable feature is that the girl students are taking more interest in such activities. Besides the teams in various games and sports have won places of Honour, at the University, District and State level tournaments. The college has been contributing players in sizeable numbers to such teams.

The N.C.C. Air wing has also been doing well. Two cadets achieved places of honour at a regular army attachment course and came second and third in performance.

The system of regular debates started last year were held once in a week. Our students won several prizes in inter-collegiate debates as well as in the Collegiate competitions.

Regular musical programmes were held last year in alternate week. The musical talents of the students were discovered and given a healthy outlet in the performances in the College. Our students arranged a Drama and a sum of a thousand rupees was contributed to the College auditorium project.

The College has been maintaining high standard in education and having high percentage of results. Our students have been obtaining number of positions in the University merit lists. Last year one of our students got Chancellor's Gold medal for the best students of all the faculties of the University.

INFORMATION ABOUT P.P.N. COLLEGE, KANPUR

1. Name of the College: P.P.N.College, Kanpur
 2. Year of Establishment: 1959
 3. Year of Affiliation to the University:
 B.A. 1959
 B.Sc. 1963
 M.Com. 1973
 M.A.(Eco) 1969
 M.A.(Psy) 1966
 M.A.(Geog) 1970
 M.A.(Hindi) 1971
 M.Sc.(Chy) 1965
 M.Sc.(Phy). 1969
 M.Sc.(Maths).1965

4. Name of the subjects in which teaching facilities are provided:-

- a) At Degree level: English, Hindi, Sanskrit, Pol. Science, Sociology, Economics, History, History, Geography, Psychology, Chemistry, Physics, Maths, Zoology, Botany, Geology, Stat., Mil. St. and Commerce.
 b) At Postgraduate level: Hindi, Economics, Psychology, Geography, Chemistry, Physics, and Maths.
 c) Research Facilities: Exist in Economics, Hindi, Psychology, Geography, Chemistry, Physics, and Military Science.

5. No. of teaching staff in each subject, with no. of teachers possessing research qualifications:

ART FACULTY

SCIENCE FACULTY

Subject	No. of teachers	No. of teachers with research qualification	Subject	No. of teachers	No. of teachers with research qualification
1	2	3	4	5	6
English	5	-	Maths	5	-
Sanskrit	1	1	Physics	7	3
Hindi	6	2	Chemistry	11	5
Psychology	5	2	Zoology	5	-
Economics	5	2	Botany	6	3
Pol. Science	2	-	Geology	2	-
Geography	6	3	Statistics	1	-
Sociology	3	-	Mil. St.	3	1
History	1	-			
	<u>34</u>	<u>10</u>		<u>40</u>	<u>12</u>

6. Total enrolment in each course (1975-76)

	<u>Men</u>	<u>Women</u>	<u>Total</u>
B.A. I	402	6	408
B.A. II	290	6	296
B.Sc. I	241	20	261
B.Sc. II	216	12	228
B.Com. I	78	-	78
B.Com. II	86	-	86
M.Sc. (Pr.) Chy	17	8	25
M.Sc. (F) Chy	14	10	24
M.Sc. (P) Phy	11	-	11
M.Sc. (F) Phy	7	2	9
M.Sc. (P) Maths.	7	1	8
M.Sc. (F) Maths.	11	-	11
M.A. (P) Hindi	5	1	6
M.A. (F) Hindi	8	1	9
M.A. (P) Econ.	28	3	31
M.A. (F) Econ.	15	1	16
M.A. (P) Geog.	28	-	28
M.A. (F) Geog.	29	1	30
M.A. (P) Psy.	17	14	31
M.A. (F) Psy.	11	12	23
	<u>1521</u>	<u>98</u>	<u>1619</u>

7. Examination Results % passes at each Examination in 1974 & 1975:

<u>Examination Results</u>	<u>Year</u>	
	1974	1975
B.A. II	87	82
B.Sc. II	66	87
B.Com. II	-	88
<u>M.A.</u>		
Psychology	95	94
Economics	97	100
Geography	82	94
Hindi	84	100
<u>M.Sc.</u>		
Chemistry	100	96
Physics	93	85
Mathematics.	100	91

INFORMATION ABOUT VSSD COLLEGE, Kanpur

1. Name of the College VSSD College, Kanpur
2. Year of Establishment 1921
3. Year of Affiliation to the University. 1927 with the Allahabad University, Allahabad. It is now affiliated with the Kanpur University, Kanpur.

4. Name the subject in which teaching facilities are provided.

(a) At Degree Level B.A.

English, History, Political Science, Geography, Economics, Hindi, Sanskrit, Military Studies, Sociology, General Hindi and General English.

B.Sc.

Physics, Chemistry, Maths, Geography, Economics, & Military Studies.

B.Com

All compulsory subjects.

Law

All compulsory subjects.

(b) At postgraduate Level

M.A.

English, History, Sanskrit, Hindi, Political Science, Geography, Economics, Sociology Maths., and Military Studies.

M.Com.

Commerce.

M.Sc.

Physics, Chemistry & Maths.

(c) Research Facilities

In all the subjects except Physics.

5. No. of Teaching Staff in each subject, with No. of Teachers Possessing research qualifications.

Principal	1	Ph.D., D.Lit.
English	6	1 Ph.D.
History	3	1 Ph.D.
Sanskrit	3	1 Ph.D.
Hindi	7	4 Ph.D.
Pol.Sc.	3	2 Ph.D.
Geography	9	4 Ph.D.
B.Ed.	6	x
Total:	<u>38</u>	

Economics	3	1 Ph.D.
Mil. Studies	7	x
Sociology	3	x
Mathematics	8	3
Commerce	14	3 Ph.D.
Physics	17	x
Chemistry	21	5 Ph.D.
Law	14	x
Physical		
Director	<u>1</u>	x
Total:	<u>126</u>	

6. Total Enrolment in each course 1975-76.

	<u>Men</u>	<u>Women</u>	<u>Total</u>
B.A.	587	108	695
B.Sc.	227	3	230
B.Com	625	-	625
Law	877	-	877
B.Ed.	160	-	160
M.A. (English	10	5	15
History	13	2	15
Sanskrit	19	8	27
Hindi	11	6	17
Political Science	17	3	20
Geography	99	8	107
Economics	48	3	51
Sociology	3	-	3
Mathematics	1	1	2
Military Studies	16	3	19
M.Sc.			
Physics	42	2	44
Chemistry	83	13	96
Mathematics	20	-	20
M.Com.	115	-	115
Total:-	2973	165	3138

VIKRAMAJIT SINGH SANATAN DHARMA COLLEGE, KANPUR

Statement showing result of Kanpur University Examination 1974.

Class	Appeared	Supplementary	Passed			Total passed	Percentage
			I	II	III		
1.	2.	3.	4.	5.	6.	7.	8.
B.A. I	429	-	-	-	-	314	73.2
B.A. II	306	44	4	119	95	218	71.24
B.Sc. I	215	-	-	-	-	67	31.2
B.Sc. II	183	-	8	32	9	49	26.72
B.Com. I	395	-	-	-	-	320	81.1
B.Com. II	304	27	5	92	120	217	71.05
<u>M.A. Previous</u>							
English	22	-	-	-	-	12	54.55
Hindi	22	-	-	-	-	17	77.27
Sanskrit	17	-	-	-	-	15	88.24
Geography	53	-	-	-	-	45	84.9
History	20	-	-	-	-	20	100%
Sociology	19	-	-	-	-	13	68.42
Economics	55	-	-	-	-	35	63.63
Mil. Studies	10	-	-	-	-	10	100
<u>M.A. Final</u>							
English	9	-	-	1	7	8	83.88
Hindi	27	-	-	10	10	20	74.07
Sanskrit	16	-	2	10	2	14	87.05
Geography	52	-	2	25	20	47	90.3
History	18	-	2	9	4	15	83.33
Sociology	5	-	-	1	4	5	100
Pol. Science	17	-	-	3	12	15	88.24
Economics	42	-	-	7	29	36	85.7
Mil. Studies	9	-	1	7	1	9	100
Maths	-	-	-	-	-	-	-
<u>M.Sc. Previous</u>							
Physics	21	-	-	-	-	12	57.14
Chemistry	44	-	-	-	-	15	48.39
Maths.	17	-	-	-	-	7	41.17
<u>M.Sc. Final</u>							
Physics	24	-	13	6	-	19	79.17
Chemistry	38	-	7	29	1	37	97.36
Maths.	15	-	1	5	8	14	93.33
M. Com. Prev.	79	-	-	-	-	62	79.74
M. Com. Final	54	-	1	16	26	43	79.62
	156	-	-	-	-	133	85.26

VIKRAMAJIT SINGH SAMTANA DHARMA COLLEGE, KANPUR

Result 1974-75

Classes	Appeared	Passed	Division			Result Detained	Percentage
			I	II	III		
1.	2.	3.	4.	5.	6.	7.	8.
B.A.Pt. I	457	347	-	-	-	-	76.9
B.A.Pt. II	310	194	4	98	92	4 Sup.	62.2
B.Sc. Pt. I	158	95	-	-	-	-	60.1
<u>M.A. Prev.</u>							
Economics	52	36	-	-	-	-	69.00
Hindi	10	10	-	-	-	-	100
Pol. Science	18	12	-	-	-	-	66.5
Sociology	7	7	-	-	-	-	100
<u>M.A. Final</u>							
History	17	6	1	2	3	11	35.3
Pol. Science	23	17	-	7	10	-	73.00
Maths.	1	1	-	-	-	-	100
Sociology	11	9	-	9	-	-	81.00
Geography	41	35	3	16	16	-	85
Economics	27	26	1	4	21	-	96.00
LL.B. I. Yr.	691	398	-	-	-	-	57.5
LL.B. II Yr.	343	288	27	256	-	-	89.00
LL.B. III Yr.	203	122	11	111	-	-	61

INFORMATION ABOUT ACHARYA NARENDER DEV
MAHAPALIKA MAHILA MAHAVIDYALAYA, KANPUR

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1. Name of the College : Acharya Narender Dev Mahapalika
Mahila Mahavidyalaya, Kanpur.
2. Year of Establishment : 1963
3. Year of Affiliation : 1963
4. Name of the subjects
in which teaching
facilities are provided:
- a) At Degree Level : Hindi, Sanskrit, Sociology, Psychology, Economics,
Urdu, History, Pol.Sc., Art, Music (Gayan), Music
(Vedan), Agri.Sc., Chem., Biology, English,
Education, Home Sc. and B.Ed.
- b) Postgraduate level : Hindi, English, Sanskrit, Psychology, Economics,
Sociology, History, Pol. Sc. Agri.Sc.
- c) Research Facilities : Hindi, English, Sanskrit, Psychology,
Pol.Sc., Botany and Education.

5. Teachers by Subjects:

<u>S.No.</u>	<u>Subject</u>	<u>No. of Teachers</u>	<u>Teachers with Res.degree</u>
1.	English	7	1+1 Ph.D.
2.	Hindi	8	5
3.	Sociology	5	-
4.	Psychology	9	5
5.	Sanskrit	4	2
6.	Economics	4	2
7.	History	3	-
8.	Pol. Science	3	2
9.	Home Science	3	-
10.	Drawing & Painting	2	-
11.	Music (Vedan)	2	-
12.	Music (Gayan)	2	-
13.	Education	2	-
14.	Agri. Sc.	8	1
15.	Chemistry	5	-
16.	Biology	4	-
17.	Urdu	1	-
18.	Inspection Section	16	1
19.	Physical	1	1
Total:		90	20 (22%)

Annexure-VI Contd.

Enrolment 1975-76

<u>Classes</u>	<u>Men</u>	<u>Women</u>	<u>Total</u>
B.A. - I		544	
B.A. - II		489	
B.Sc. - I		139	
B.Sc. - II		96	
<u>M.A. - I</u>			
Hindi		10	
English		9	
Sanskrit		22	
Sociology		19	
Psychology		40	
Economics		16	
History		8	
Pol. Science		29	153
.....			
<u>M.A. Pt. II</u>			
Hindi		22	
English		16	
Sanskrit		15	
Sociology		27	
Psychology		39	
Economics		19	
History		8	
Pol. Science		11	
		<u>157</u>	
M.Sc. - I		16	
M.Sc. - II		18	
M.Ed. -		<u>1</u>	
Total Students upto 31.12.1975		<u>1613</u>	
M.Ed.		25	
B.Ed.		<u>160</u>	
Grand Total :		<u>1798</u>	

Examination Results - 1973-74 :

<u>Examination</u>	<u>Appeared</u>	<u>Passed</u>	<u>Percentage</u>
B.A. - I	501	429	85.6
B.A. - II	401	308	76.8
B.Sc. - I	140	110	78.5
B.Sc. - II	103	72	69.9

<u>Examination</u>	<u>Attempted</u>	<u>Passed</u>	<u>Percentage</u>
<u>M.A. - I</u>			
Hindi	18	17	94.4
English	13	13	100
Economics	17	16	94.1
Sanskrit	25	22	88
Psychology	39	35	89.7
Sociology	43	41	95.3
Pol.Sc.	14	14	100
History	5	5	100

<u>M.A. - II</u>			
Hindi	33	31	93.6
English	10	8	80
Economics	22	22	100
Sanskrit	25	21	84
Psychology	37	37	100
Sociology	3		

B.Ed. Theory Practical

M.Ed.

M.Sc. - I

M.Sc. - II

<u>Examination Results</u>	<u>Percentage</u>	<u>Result obtained</u>
B.A. - I	85.7	32
B.A. - II	80.8	49 Supl
B.Sc. - I	88.1	13 Supl
B.Sc. - II	86.2	

<u>M.A. - I</u>			
Hindi	25	24	96
Sociology	46	39	84
English	8	7	87.5
Economics	28	26	92.2
Psychology	43	42	97.6
Pol.Science	26	16	66.6
History	7	7	100
Sanskrit	15	14	93.3

M.A. - II

d.p.o.

100%	nil	2,70,000	2,70,000	(15x50x12x3)	1) Part-time teacher
100%	nil	8,64,000	8,64,000	(15x160x12x3)	Reader for each course

KANPUR UNIVERSITY, KANPUR

Details of the revised proposals submitted to the
UGC for approval during the 5th Five Year Plan.

S. No.	Item	Total estimate Rs.	UGC Share Rs.	Matching Share by the University or State Government Rs.	Sharing Basis
<u>I - A-Group</u>					
1.	V.G.'s Lodge	1,76,000	40,000	1,36,000	50:50 or 40,000 which ever is less
2.	Guest House	4,75,000	1,00,000	3,75,000	50:50 or 1,00,000 which ever is less
<u>3. Central Library</u>					
a)	Building	30,00,000	15,00,000	15,00,000	50:50
b)	Books	10,00,000	10,00,000	nil	100%
c)	Staff	5,00,000	5,00,000	nil	100%
d)	Equipment	5,00,000	5,00,000	nil	100%
		<u>56,51,000</u>	<u>36,40,000</u>	<u>20,11,000</u>	
<u>B - Group</u>					
<u>M.Phil Scheme</u>					
a)	Faculty Building	10,00,000	5,00,000	5,00,000	50:50
b)	Staff Quarters	10,00,000	5,00,000	5,00,000	50:50
c)	Men's Hostel	5,00,000	2,50,000	2,50,000	50:50
d)	Women's Hostel	3,00,000	1,50,000	1,50,000	50:50
e)	i) Science Equip.	7,00,000	7,00,000	nil	100%
	ii) re-Vitalisation of existing College Labs.	3,00,000	3,00,000	nil	100%
f)	Books & journals for M.Phil Course	5,00,000	5,00,000	nil	100%
g)	Maintenance Expdt. & Contingencies.	3,00,000	3,00,000	nil	100%
h)	Office Furniture 15x20,000	1,50,000	1,50,000	nil	100%
		<u>47,50,000</u>	<u>33,50,000</u>	<u>14,00,000</u>	
<u>C - Group</u>					
f)	Teaching Staff Professor for 15 M.Phil Course Proposed one Professor for each course (15x2,000x12x3)	10,80,000	10,80,000	nil	100%
g)	Reader for 15 M. Phil Course Proposed @ one				

Item	Total Estimate	UGC Share	Matching Share	Sharing Basis
<u>Non Teaching Staff</u>				
Office Asstt. (15x400x2x3)	2,16,000	2,16,000	nil	100%
Peon & Lab. Attendant (22x200x12x3) (15+7)	1,58,000	1,58,000	nil	100%
	25,38,000	25,38,000		
DA & other Allowances	11,34,000	11,34,000		
Allowances to College				
Lab. Staff	20,000	20,000		
T.A.	50,000	50,000		
	<u>37,42,000</u>	<u>37,42,000</u>		
<u>Ganesh Shankar Vidyarathi Memorial School of Hindi Journalism</u>				
<u>TEACHING STAFF</u>				
1. Professor One @ 2000x12x3	72,000	72,000	nil	100%
2. Reader one @ 1600x12x3	57,600	57,600	nil	100%
3. Lecturer @ 1000x12x3	36,000	36,000	nil	100%
<u>NON TEACHING STAFF</u>				
Asstt. One @ 400x12x3	14,400	14,400	nil	100%
Peon One @ 200x12x3	7,200	7,200	nil	100
	1,87,200	1,87,200	nil	
Add. Allowances	93,600	93,600	nil	
	<u>2,80,800</u>	<u>2,80,800</u>	nil	
A - Group	56,51,000	36,40,000	20,11,000	
B - Group	47,50,000	55,50,000	14,00,000	
C - Group	37,42,000	37,42,000	nil	
School of Journalism	2,80,000	2,80,000	nil	
	<u>144,23,000</u>	<u>110,12,000</u>	<u>34,11,000</u>	

This does not contain financial allocation
for the degree in library science.

Confidential

UNIVERSITY GRANTS COMMISSION

Meeting:

19th July, 1976

Item No. 6 : To consider the report of the Visiting Committee appointed by the UGC to assess the Fifth Plan development proposals of the Banaras Hindu University

The Visiting Committee appointed by the UGC to examine the fifth plan development proposals relating to Humanities, Social Science and Science subjects of Banaras Hindu University, visited Varanasi from 19 to 22nd November, 1975 and held discussions with the Vice-Chancellor, deans of faculties, faculty members, students and officers of the University. The committee again met on December 8, 1975 in New Delhi to consider further the proposals of the university. The committee consisted of the following:-

1. Shri K.T. Chandy, Convener
Member-UGC and
Chairman, Kerala State Industrial
Development Corporation Ltd.,
Trivandrum.
2. Professor B.M. Udgaonkar, Member
Member-UGC
Tata Institute of Fundamental Research,
Homi Bhabha Road,
Bombay.
3. Professor B. Anderson, "
Department of Library Science,
Bombay University,
Bombay.
4. Dr. (Miss) Durga Doulkar, "
Directress,
Lady Irwin College,
New Delhi.
5. Professor V.K. Gaur, "
Department of Geology,
Roorkee University,
Roorkee.
6. Professor B.N. Goswami, "
Department of Fine Arts,
Panjab University,
Chandigarh.
7. Professor D.T. Joshi, "
Department of Music,
Visva-Bharati,
Santiniketan.

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8. Professor S. Maheshwari, Member
Department of Botany,
Delhi University,
Delhi.
9. Professor Tapas Mazumdar, "
Centre for Educational Records,
Jawaharlal Nehru University,
New Delhi.
10. Professor C.N.R. Rao, "
Department of Chemistry,
Indian Institute of Technology,
Kanpur.
11. Professor P.K. Roy, "
Dean of Research,
National Council for Educational
Research & Training,
New Delhi.
12. Professor Rajendra Prasad, "
Department of Philosophy,
Indian Institute of Technology,
Kanpur.
13. Professor G.P. Sharma, "
Department of Zoology,
Panjab University,
Chandigarh.
14. Professor G.R. Sharma, "
Department of History,
Allahabad University,
Allahabad.
15. Professor Sansar Chandra, "
Department of Hindi,
Jammu University,
Jammu.
16. Professor K. Seshadri* "
Centre for Study of Political
Development,
Jawaharlal Nehru University.
17. Officer of the Commission Secretary
Shri Y.D. Sharma,
Deputy Secretary.

*could not accompany the committee due to indisposition.

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2. The Banaras Hindu University, established in 1916, is residential in character and its teaching programmes cover undergraduate and postgraduate levels in a wide range of disciplines. It has 11 faculties and 94 departments and runs also Mahila Mahavidyalaya and evening college and two secondary schools as under:-

<u>Faculty/Institution</u>	<u>No. of Deptts.</u>	<u>Student Enrolment 1974-75</u>
Arts	19	2538
Social Science	5	2014
Science	8	2143
Law	1	617
Music & Fine Arts	6	408
Oriental Learning & Theology	7	326
Commerce & Management Studies	2	1985
Education	1	200
Agriculture	8	2855
Medical Science	28	
Engineering & Technology	9	
Mahila Mahavidyalaya		1042
Evening College (undergraduate Arts)		592
Central Hindu Boys & Girls School (PUC)		873
	<u>94</u>	<u>14751</u>

3. There are four privately sponsored undergraduate colleges affiliated to B.H.U. with 619 students and 106 teachers. The teaching staff in the faculties excepting agriculture, medical science and engineering and technology in 1974-75 included 62 professors, 173 readers, 397 lecturers and 38 others.

4. A copy of the report of the Committee is enclosed (Appendix). The report has the approval of the convener of the committee. The comments from members of the committee, if any, are awaited.

5. General Observations & Recommendations.

(1) The Banaras Hindu University is one of the leading institutions of higher learning in the country. Its educational programmes cover a range of disciplines, and it has established a reputation for having achieved high standards in many of these. Three departments viz., botany, zoology and metallurgy have been recognised by the UGC for special assistance. Till 1974, the department of philosophy had been recognised as a centre of advanced study in Indian philosophy. Naturally, much is expected of this university as a pace setter in higher education and research.

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(2) The Banaras Hindu University is a central University and used to have an all-India character in regard to the composition of students and faculty. However, in recent years the student enrolment has been mostly from the States of Uttar Pradesh and Bihar which together accounted for nearly 77% of the annual student intake in 1974-75. The proportions of students from West Bengal and Andhra Pradesh were 3.2% and 1.7% respectively. The University should strive to retain its all-India character and attract students from all over the country, particularly at the postgraduate and research levels.

(3) The University should attract the best teachers, scholars and researchers from all parts of the country and even from abroad and take all possible steps to avoid inbreeding. Highly qualified outside elements bring in new outlook and freshness to the department and the university.

(4) An important feature of the Banaras Hindu University is its residential character. However, during the Fourth Plan period, there has been steady erosion of this character, due to sharp rise in student enrolment and the faculty. Presently about 60% students and 30% of the teaching staff now reside outside the campus. There is an urgent need for expansion and modernisation of residential facilities for the students as well as teachers in the university, but no beginning can be made unless the university consciously decides to control numbers and ensures that new facilities are in fact used for restoring the desired physical standards. The Ministries of Health and Family Planning and the ICAR may also be approached for assistance for additional hostel accommodation for students and teachers in medical college and agricultural college.

(5) Out of the total student enrolment of 14751 in 1974-75, the Institute of Technology and Colleges of Medical and Agricultural Sciences together account for 2855 students and the PUC account for 985 students. The balance of 10911 students were in undergraduate and postgraduate programmes in the faculties of arts, social sciences, sciences, law, education, commerce, music.....

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and fine arts, oriental learning and theology; and of these 1042 students and 952 students were pursuing undergraduate courses in the Mahila Mahavidyalaya and the Evening Colleges, respectively.

(6) The students enrolment over the fourth plan period has increased by 63.9% to 14751. The time has come to stabilise the number of students to around 10,000, so that the university does not become unmanageable and its facilities, as may be augmented will be sufficient to maintain the high quality of educational programmes.

(7) The committee suggests that the University should concentrate its energy and resources on honours and post-graduate courses and research facilities. Only meritorious and deserving students should be admitted to these courses. Honours courses may be started in Mahila Mahavidyalaya also.

(8) The solution to the problem of relieving the pressure of admissions on the university is that the Uttar Pradesh Government should have a phased programme of starting new degree colleges in the city of Varanasi and its neighbourhood and these colleges may be affiliated to the Gorakhpur University.

(9) The Committee very strongly recommends that the Uttar Pradesh Government should undertake its constitutional obligation by providing adequate financial assistance for the development, strengthening and expansion of facilities in the three secondary schools run by the Banaras Hindu University. If necessary a separate committee may examine this question in consultation with the Central and Uttar Pradesh Governments.

(10) The University has a statutory planning board in the university. The process of planning is yet to gain necessary maturity and effective participation by all concerned. Many of the departments were unable to provide list of priority requirements or indicate their major thrusts during the current plan period. The plans were generally the sum total of programmes of individuals. Departmental over-view and commitment seemed to be generally lacking. Planning is an all-involving continuous process. It requires proper assessment, implementation, coordination, re-evaluation and review, so that the programmes have a direct relevance to the needs of the community and country, and are within the capabilities of the faculty and other resources of the university.

(11) The problems and demands of almost all the departments seemed to be similar. All of them need to optimise their efforts to strengthen the academic programmes already launched. Consolidation rather than expansion seemed desirable.

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(12) Many of the Departments asked for new ~~schools~~ centres/institutes, e.g., Institute for Life Science, Institute for Earth Sciences, Institute of Mathematical Sciences etc. etc. It was not clear how the existing departments were going to coordinate their activities, vis-a-vis, the new institutes. There were very few 'real' plans or programmes for the institutes. In the absence of substantial cooperation or collaboration between departments, it is doubtful if new institutes would be worthwhile at this stage. The existing mathematics and statistics department wants to bifurcate into two separate departments, one for mathematics and the other for statistics. At the same time they ask for an Institute of Mathematical studies. At this stage the committee has recommended the establishment of only the centre for life sciences.

(13) All the Departments asked for more space, but the utilisation of available space in most of them did not appear to have been carefully planned. The university has to make a special effort to see that maximum use of the existing buildings is achieved by all departments. Time table may be structured in such a way that buildings are put to maximum use.

(14) All departments are very keen to have more faculty positions, specially at the higher levels, and almost all of them wanted that these positions should be open, and not tied to some specialised areas. The reasons given in justification for such demands were excessive teaching load and scanty promotion prospects for the existing members.

(15) M.Phil. and pre-ph.D. programmes may be introduced in well established departments. Some fellowships may also be provided for the purpose.

(16) Many departments have asked for separate major items of equipment, which are better held and used centrally. The committee noted that there are about half a dozen electron microscopes, a mass spectrometer, liquid nitrogen plant and many other major and sophisticated equipment in various science departments and faculties of medical sciences, agriculture and engineering and technology. The UGC has already approved the establishment of a computer centre which would serve as a central facility. All these major scientific instruments should be used as a central facility to avoid duplication.

(17) The mass spectrometer purchased at a cost of Rs.13.00 lakhs by the Institute of Technology would not be of much use to the faculty of science and there was hardly any local expertise available to utilise this equipment in the science departments. The committee strongly recommended that this amount should not be charged to the general development funds of the university and that it should appropriately be a charge on the funds earmarked for the development of engineering and technology.

p.t.o...

(18) The University's proposal for the establishment of a Central Sophisticated Instruments laboratory may be considered by the UGC, under its scheme of development of regional instrumentation centres in the country. The university may be asked to submit a carefully prepared proposal incorporating suitable training programmes for the students, teachers and technical staff in the university departments and the colleges in the region.

(19) The Animal House should also be planned and established by the university as a central unit and whose facilities can be availed of by the departments of zoology, psychology, biology etc.

(20) Facilities such as xerox, photostat and microfilming equipment have to be treated as a central facility and they may be conveniently located in the central library. The central workshop needs to be further equipped. These centralised units will reduce capital investment and maintenance cost considerably. Such facilities should have committees of users and should have properly qualified and adequate staff for their proper maintenance and running. The university should also establish a central service for servicing the instruments and ensure that instruments do not remain idle for want of maintenance and repairs.

(21) The Banaras Hindu University library system consists of the central library and about 49 departmental/seminar libraries scattered throughout the campus and outside the campus. With the steep rise in the enrolment and the book-and-periodical-stock there has been a complete break-down of planning and coordination of library services, and it has resulted in duplication of books and periodicals. There is no coordination in book-selection procedure, no integrated cataloguing, no university catalogue. In the committee's view library administration should be centralised and made accountable to the university as a whole. The purchasing and processing of all the books and periodicals should be done by the centralised library administration. The existing library staff should be redeployed having regard to the fact that the departmental library staff should be generally relieved of technical assignments and should devote their attention to providing service to readers. A new library building, properly planned, should be built. The present central library building could be used mainly as a facility for undergraduates on the campus and the books and periodicals to be stocked in this building may be determined accordingly. The proposed new central library building would be exclusively for research scholars and postgraduate students. The entire library system has to be restructured, starting with integration of administration, improvement in services, careful planning of space and lay out, inauguration of policies and selection of books and periodicals through appropriate consultations with departments and in response to their requirements.

(29)

(22) Adequate liaison should be built up between the faculty of the department of Library and Information system and the university Library system, to the mutual advantages of both. In fact the Department of Library and Information System should if well developed be able to suggest improvement of the present library system.

(23) The third and fourth plan visiting committees advocated the merger of the departments of (i) art and architecture (ii) history and (iii) ancient Indian history, culture and archaeology on academic considerations. The University, however, did not accept the recommendation. The committee would urge the university that for the proper development of the study of the discipline of history on most desirable lines, the university may consider the setting up of a school of historical studies incorporating these three departments.

(24) Department of art and architecture may be redesignated as the department of history of art, and should be made the focal point of teaching art history which is now very spread over various departments. There should be greater and active coordination between the department of art and architecture and the Bharat Kala Bhawan.

(25) The committee is of the view that the Bharat Kala Bhawan is one of the finest institutions of its kind in the country. It should be allowed to preserve its character, and should be properly treated as a museum which is effective in teaching by being linked with it, and which serves as a window on art. It should be separated from the general administration of the university and be linked with the proposed department of history of art (art and architecture).

(26) A school of languages be formed incorporating all the departments of modern Indian and foreign languages. Each department may retain its academic individuality, but inter departmental cooperation in academic work particularly research and in administration and will be better if they are put under one school.

(27) The UGC may approve the department of physical education and provide assistance as recommended.

(28) The committee observed a lack of interaction between the faculty within some departments as also between departments. Present trend is towards segmentation and isolation in the research and teaching programmes of various related departments. This is the general situation in many universities of India. We should expect universities like the Banaras Hindu University to play a leadership role in moving away from this culture to developing inter disciplinary research and teaching in related disciplines and around problems of social and economic relevance. It is therefore suggested that possibilities of inter-disciplinary research work should be explored and

(21)

possible linkages between different departmental research and teaching programmes be identified so that useful work can be carried out in new areas of inter-disciplinary research. The University may constitute a committee to examine this issue in detail and make recommendations to the University for promoting inter-disciplinary research and establishing academic linkages between departments.

(29) The faculty of science may institute a course in history of science & technology in collaboration with the departments of history and Sanskrit and the faculties of oriental learning and theology, medical sciences, engineering and technology and agriculture.

(30) The university should actively undertake innovation and experimentation in such matters as internal assessment; tutorials, seminars; and the time allotted for lectures; examination reform; formation of schools of study of related disciplines and promotion of inter-disciplinary and inter-departmental and interinstitutional collaboration.

(31) The development of Mahila Mahavidyalaya desires that special attention be paid to it by the university. It should have a distinct entity of its own as a pioneer and pace-setter in women's education, and it should have the full backing of the university in the performance of its tasks. The qualified staff of the Mahila Mahavidyalaya should be afforded opportunities for teaching in the university teaching departments. All possible facilities for research should also be provided to the faculty of the Mahila Mahavidyalaya. It is essential that Mahila Mahavidyalaya should have a separate budget, and that funds earmarked so far it are not diverted. Similarly the evening college should have a separate budget.

(32) It is observed that a number of senior posts of professors, and readers are vacant at present because the incumbents are away on some other assignments or otherwise on long leave. It is desirable that senior positions are not left vacant for long stretches of time, as that affects teaching and research programmes of the university. It is recommended that whenever a situation of this nature arises, the matter be reported to the Commission together with the recommendations of the University. Supernumerary positions may have to be created against these posts for the duration of the leave of absence granted to the permanent incumbents.

(33) The senior faculty members should also participate in teaching the junior classes. Research scholars may be involved in teaching work to the extent they are required to do as per UGC or B.H.U. norms. This will give them experience of teaching which will be helpful when they apply for jobs, apart from reducing the teaching load of members of the faculty.

(24)

(34) Almost all the departments complained of inadequate supporting facilities, particularly in respect of office staff, library, grant of funds for research projects and publications, duplicating facilities for teaching materials, and room space for teachers. These complaints deserve careful investigation by the University.

(35) During the fourth plan period, the university made substantial improvement in hostels facilities. However many hostels are still in need of repair. Some of the suggestions made during the discussions were (a) repair charges for the hostels should be covered from the room rent charged from the boarders, (b) charges for electricity and water consumed should be realised pro rate from the occupants of each block in addition to room rent, (c) the services of the rest of block servants may be dispensed with or they may be redeployed if possible and (d) for every 40 residents one person may be appointed for sweeping and cleaning purposes.

(36) Each member of the faculty on his initial appointment should be provided with basic minimum equipment (to work on) and be provided with a grant for consumables etc.

(37) The technical assistants recommended for various disciplines should possess proper training with a bachelors degree in Science.

(38) There should be greater communication facilities (good telephone system) on and off the campus, for the university community, to improve overall efficiency and environment.

(39) It is desirable that the rotation of headships is confirmed to senior teachers, say professors only.

(40) Facilities for sports, indoor games and other extra-curricular activities exist in the University. There is however a need to strengthen such facilities.

(41) The requirements of the campus development need to be studied in depth by specially constituted committees.

(42) In our recommendations no mention has been made for grant for research projects, as all such demands go to the subject panels in the U.G.C. and are decided on their individual merit.

(43) With all the care taken by the committee, in assessing the requirements and allotting funds for the same, according to the priorities inherent in the situation, it has not been possible to contain first priority within the allotted figure of Rs.1.25 crores considering the fact that the Commission has already taken a decision to release 2/3rd of the amount earmarked for a university by approving schemes under first priority and the additional faculty

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under second priority, the committee has suggested in the present case as first priority an amount slightly excess of this two-third, namely Rs.1.75 crores. In this view of the matter what is now recommended as second priority may be treated as the amount which may be released, should additional funds be available with the Commission upto the earmarked amount of Rs.2.50 crores. We have not attempted to break this sum into two parts to fit in with the earlier direction of the Commission. Within the items included in second priority on the above basis building and equipment may be given relative priority vis-avis other items, as and when additional funds are available for allotment to the university. It is not possible to give high priority to books and journals within the items figuring in the second priority referred to above because the construction of the central library building recommended earlier is a precondition to any large scale increase and their stock of books and journals. Similarly without additional space in certain departments it is not possible to add to the faculty.

6. Financial Implications of the Recommendations: The Commission during the plan period 1966-74, on the recommendation of a visiting committee, agreed to provide financial assistance for development schemes in respect of humanities, social sciences and science subjects, to the extent of Rs.1.87 crores which included a spill-over of Rs.30.88 lakhs. A sum of Rs.1.84 crores has already been spent. Besides the allocation of Rs.1.87 crores, the Commission provided separate funds, outside the plan allocation, for students amenities (Rs.50 lakhs), staff quarters (Rs.15 lakhs), teacher education (Rs.8.85 lakhs), purchase of equipment under 12 Million Dollar Loan programme (Rs.9.41 lakhs), and additional grant for purchase of library books and journals (Rs.6.25 lakhs), starting of evening classes for B.A. (Rs.3.43 lakhs), grant for support of research and for publication (Rs.1.00 lakhs), golden jubilee grant (Rs.10 lakh and assistance for the appointment of development officer, establishment of two study centres, employment of four trained coaches, setting up of employment information-cum-advisory bureau to the university.

7. The university has at present a spill-over of Rs.24,98,580 from the schemes approved upto end of the Fourth Plan period.

8. Besides the spill-over of about Rs.25 lakhs mentioned above, the Commission has already committed the following assistance to the Benaras Hindu University, prior to the visit of the Committee:

(a) Basic grant for purchase of:

(i) Books & Journals	Rs.5.00 lakhs
(ii) Equipment	Rs.7.50 lakhs

(b) Purchase of Mass Spectrometer Rs.13.00 lakhs

(c) Research and Recurring Rs. 2.99 lakhs

Total:	<u>Rs.28.49 lakhs</u>
--------	-----------------------

2K

Total first charge i.e. spill-over plus
assistance already committed Rs.53,47,560.

9. For the Fifth Plan period, the Banaras Hindu University was requested to send its proposals within a ceiling of Rs.2.50 crores, divided into three priorities viz., Rs.1.25 crores (including the first charge of spill-over and assistance already committed) in the first priority, Rs.62.50 lakhs in the second priority and Rs.62.50 lakhs in the third priority.

10. The summary of financial implications of the recommendations (excluding fellowships, scholarships etc.,) made by the Committee is as under:-

Summary of financial recommendations made
by University Grants Commission Fifth Plan
Visiting Committee.

S.No.	Item	I Priority	II Priority	Total
1.	Spill-over	24,98,560	-	24,98,560
<u>Basic grant</u>				
2.	Books & Journals	5,00,000	-	5,00,000
3.	Equipment	7,50,000	-	7,50,000
<u>Others</u>				
4.	Research and Recurring grant	2,99,000	-	2,99,000
<u>New allocations</u>				
5.	Additional staff	40,58,000*	16,56,000**	57,14,000
6.	Building	36,65,000	29,90,000	66,55,000
7.	Books & Journals	14,40,000	8,05,000	22,45,000
8.	Equipment	37,40,000	20,25,000	57,65,000
9.	Miscellaneous	5,65,000	80,000	6,45,000
		<u>1,75,15,560</u>	<u>75,56,000</u>	<u>2,50,71,560</u>

*Estimated expenditure for 15P, 30R, 33L and 41 others.

**Estimated expenditure for 5P, 17R, 13L and 7 others.

The Committee has recommended that the allocation of Rs.13 lakhs made for the purchase of Mass Spectrometer may be charged to the funds for Engineering and Technology. (This has been shown in para 8 above).

11. The Committee has recommended fellowships and scholarships/studentships as under:-

<u>Department</u>	<u>Fellowships, scholarships etc.</u>
1. Library and information services.	2 scholarships @ Rs.250 p.m. for M.Lib.Science.
2. Bharat Kala Bhavan(Museology)	4 Junior Research Fellowships @ Rs.400
3. Geology	15 studentships @ Rs.250 p.m. for M.Sc.

4. Education

(i) 25 scholarships @ Rs.100 p.m.
for B.Ed.

(ii) 20 scholarships @ Rs.150 p.m.
for M.Ed. students

(iii) 3 Junior Research Fellowships
@ Rs.400 p.m.

12. The Committee recommends that the UGC may assist Banaras Hindu University to make the award of 50 fellowships at a given time for pursuing research work in the University Departments. The awards may be made as follows:

(i) 20 fellowships may be reserved for candidates belonging to scheduled castes, scheduled tribes, backward and weaker sections of society/Nagaland and other backward and under developed states of the country.
/ students from
Border states such
as Manipur

(ii) 30 fellowships for pursuing research in other disciplines to be awarded on an all-India basis ensuring that at least 50% are awarded to candidates belonging to States other than U.P.

13. After the visit of the Committee, the Commission has sanctioned one post of Assistant Registrar(Examination) and one post of Assistant Registrar to look after the work of Civil Supplies and students amenities; the estimated cost is Rs.80,000. In addition a proposal for the publication of Historical Grammar of Hindi Language at a cost of Rs.1,05,900/- has already been accepted. A post of lecturer in Sinhalese was sanctioned during the 4th plan period under the area studies programme. This post was not filled by the university and has lapsed. This was not placed before the Visiting Committee. The University has now requested for the revival of the sanction of this post.

The report of the Banaras Hindu University is placed before the Commission for consideration.

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FIFTH PLAN VISITING COMMITTEE

R E P O R T

BANARAS HINDU UNIVERSITY

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI - 110002.

UNIVERSITY GRANTS COMMISSION

Fifth Plan Visiting Committee to the Banaras Hindu University

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UNIVERSITY GRANTS COMMISSION

Report of the Visiting Committee to assess
the Fifth Plan Development Proposals of the
Banaras Hindu University, Varanasi.

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PART - I

1.1 Appointment of the committee: The Banaras Hindu University submitted its fifth plan development proposals to the University Grants Commission for assistance. The matter was considered by the Commission and it was desired that the proposals may be examined by a committee. Accordingly, a committee consisting of the following members was constituted:

1. Shri K.T. Chandy Convener
Member, UGC. &
Chairman Kerala State Industrial
Development Corp. Ltd.
Trivandrum
2. Professor B.M. Udgaonkar Member
Member UGC
Tata Institute of Fundamental Research
Homi Bhabha Road, Bombay.
- 3." Professor B. Anderson
Department of Library Science
Bombay University, Bombay.
- 4." Dr.(Miss) Durga Deulkar
Directress
Lady Irwin college, New Delhi.
5. Professor V.K. Gaur,
Department of Geology,
Roorkee University,
Roorkee.
6. Professor B.N. Goswami
Department of Fine Arts
Panjab University,
Chandigarh.
7. Professor D.I. Joshi
Department of Music
Visva-Bharati
Shantiniketan.
8. Professor S. Maheshwari
Department of Botany
Delhi University,
Delhi.
9. Professor Tapas Mazumdar
Centre for Educational Records,
Jawaharlal Nehru University,
New Delhi.

contd...

10. Professor C.W. R. Rao
Department of Chemistry
Indian Institute of Technology
Kampur.
11. Professor P.K. Roy
Dean of Research
National Council for Educational Research
and Training, New Delhi. "
12. Professor Rajendra Prasad
Department of Philosophy
Indian Institute of Technology
Kampur. "
13. Professor G.P. Sharma
Department of Zoology
Panjab University, Chandigarh. "
14. Professor G.R. Sharma
Department of History
Allahabad University, Allahabad. "
15. Professor Sansar Chandra
Department of Hindi
Jammu University, Jammu. "
16. Professor K. Seshadri*
Centre for Study of Political Development
Jawaharlal Nehru University
New Delhi. "

Officer of the Commission :

17. Shri Y.D. Sharma Secretary
Deputy Secretary.

1.2. Visit to the university: The committee visited the Banaras Hindu University, Varanasi, from November 19 to 22, 1975. It held discussions with the Vice-Chancellor, deans of faculties, heads of departments, faculty members, students and officers of the university. It also went round the campus of the university, visited the central library, laboratories, hostels, press, facilities for sports etc. The committee again met on December 8, 1975 in New Delhi.

1.3. The assessment of the requirements of the departments of business management (in the faculty of commerce and management studies) and fine arts (in the faculty of music and fine arts) and of the faculties of agriculture, medical sciences and engineering and technology are outside the purview of this visiting committee.

* could not accompany the committee due to indisposition.

PART II - BASIC FACTS AND FIGURES

2.1 Establishment and Jurisdiction: The Banaras Hindu University was established in 1916. Its Jurisdiction is within a radius of 15 miles from the main temple of the university. The university is residential in character, and its teaching programmes cover undergraduate and postgraduate levels in a wide range of disciplines.

2.2 Faculties and Departments: It has 11 faculties, viz. arts, social sciences, sciences, commerce and management studies, music and fine arts, law, oriental learning and theology, education, agriculture, medical sciences and engineering and technology. The departments, 94 in number are distributed under various faculties as follows: arts 19, social sciences 5, science 8, law 1, music and fine arts 6, oriental learning and theology 7, commerce and management studies 2, education 1, agriculture 8, medical sciences 28, and engineering and technology 9.

2.3 Names of departments under each faculty are given in annexure-I

2.4 The departments of botany, zoology, and metallurgy have been recognised by UGC for special assistance. The department of philosophy was earlier a Centre of Advanced Study under the relevant U.G.C. scheme.

2.5 Other Institutions: The university runs Mahila Mahavidyalaya (a full time college for woman students) and an evening college for undergraduate students in arts. The departments in these institutions are, however, under the faculties concerned. The university also runs two secondary schools - one for boys and the other for girls - and one Sanskrit Vidyalaya.

2.6 Affiliated colleges: There are four privately sponsored undergraduate colleges affiliated to the university, with 619 students and 106 teachers. Further details are given in annexure-II.

2.7 Organisation of Teaching: Teaching in the university is organised through its departments under various faculties. The university departments under the faculties of arts, science, social sciences, oriental learning and theology, music and fine arts, law, education provide instruction at the undergraduate (pass and honours) and postgraduate levels. The Mahila Mahavidyalaya provides teaching facilities upto undergraduate level to women students. In addition, the evening college provides instructions for undergraduate courses in arts and social science subjects. The university provides guidance and research facilities for Ph.D. in all disciplines in which it offers a master's degree.

2.8 Facilities for Private candidates: Teachers and women candidates can also appear as private candidates for BA and M.A. examinations in the subjects where no practical is involved.

2.9 Teaching staff: The teaching staff in the faculties, excepting agriculture, medical sciences and engineering and technology, in 1974-75 included/professor 178 readers, 397 lecturers and 33 others. The department and faculty-wise break-up is given in annexure-III.

2.10 Student Enrolment:

Student enrolment during 1974-75 was 14751 as against 8998 in 1966-67. The increase in student enrolment during the period of 9 years 1966/75 was 63.9%. Faculty-wise enrolment of students during 1966-67 and 1974-75 and the index of enrolment in 1974-75 with enrolment in 1966-67 as 100 is given below:

Student Enrolment in Faculties - 1966-67 and 1974-75

S.No.	Faculty	Student Enrolment		Index 1974-75 with 1966-67 = 100	Women students included in total 1974-75
		1966-67	1974-75		
1.	2.	3.	4.	5.	6.
1.	Arts	1656	2538	274.9	383
2.	Social Sciences		2014		238
3.	Science	2209	2143	97.0	129
4.	Commerce & Management Studies	305	1143	374.8	1
5.	Oriental Learning & Theology	218	326	149.5	2
6.	Education	141	200	141.8	83
7.	Music & Fine Arts.	185	408	220.5	131
8.	Law	223	617	277.2	8
9.	Mahila Mahavidyalaya	664	1042	156.9	1042
10.	Evening College	-	592	-	-
11.	Agriculture	517			
12.	Engineering & Technology	2536	2855	84.0	NA
13.	Medical Sciences	344			
14.	Central Hindu Boys and Girls schools (UC)	-	873	-	353
Total:		8998	14751	163.9	2370

2.11 The stagewise student enrolment during 1966-67 and 1974-75 in the faculties and courses was as under:-

Stage	Enrolment		Growth Rate 1966-75 (%)
	1966-67	1974-75	
1. PUC	877	985	12%
2. Undergraduate	6103	8901	46%
3. Postgraduate	1382	3456	150%
4. Research	441	846	88%
5. Diploma/ Certificates	195	563	188%
Total:	8998	14751	63.9%

2.12 The distribution of 11,444 students in the faculties of arts, science, social science, oriental learning and theology, education, law, music and fine arts (excluding departments of painting, plastic arts and applied arts), and commerce and management studies (excluding department of business management) Mahila Mahavidyalaya, evening college and central Hindu boys and girls schools, at various stages of instruction in 1974-75 is given below:

S.No.	Faculty	Enrolment					Total
		PUC	Under- gradu- ate	Post- graduate	Research	Diploma/ certificate	
1.	2.	3.	4.	5.	6.	7.	8.
1.	Arts	-	967	1070	143	358	2538
2.	Social Sciences	-	1003	779	232	-	2014
3.	Science	-	996	737	410	-	2143
4.	Oriental Learning & Theology	112	136	70	8	-	326
5.	Music & Fine Arts (excluding fine arts)	-	23	17	12	205	257
6.	Education	-	163	22	15	-	200
7.	Law	-	600	15	2	-	617
8.	Commerce (excluding Business Management)	-	660	171	11	-	842
9.	Mahila Mahavidyalaya	-	1042	-	-	-	1042
10.	Evening College	-	592	-	-	-	592
11.	Central Hindu Schools	873	-	-	-	-	873
Total :		985	6182	2881	833	563	11444

2.13 The distribution of students from various states/parts of the country is shown in annexure-IV.

2.14 Foreign students: During 1974-75 session, 148 foreign students, from various parts of the world, were on rolls of the university, pursuing various courses of study. The break up of foreign students country-wise is given in annexure-V.

2.15 Scheduled castes/Tribes Students: The number of students belonging to scheduled castes, scheduled tribes and other backward classes increased from 118 in 1966-67 to 452 in 1974-75. Their distribution according to faculties is given in annexure-VI. Their number has multiplied fourfold during this period.

2.16 Hostels: Nearly 40% of the students enrolled live in hostels at present. Students reside in these hostels by faculties in which they study. There are 25 hostels, having single, double and multi-seated rooms. During the current session, 5814 students were residing in hostels, annexure-VII.

2.17 In addition, there are 430 units in 25 lodges in Ghittapur area where students from rural areas live (annexure-VIII).

2.18 Hobby Centre: The university hobby centre, housed in a small building adjoining university cafeteria offers training to student in photography, electronics and carpentry.

2.19 Delegacies: Over 8000 students stay in the city. For administrative purpose, the city is divided into six delegacy zones, which extend to rural areas and Varanasi corporation limits.

2.20 Study Centre: For the benefit of non-resident students who have no place of quiet study at their residence, there are four study centre in the city.

2.21 Staff Quarters: Residential accommodation is available to 604 members of the staff comprising 399 teachers and 205 other staff. The staff strength is however, 3515 - 1182 academic and 2333 non-academic.

2.22 Student Amenities: The University has well-knit student services. The dean of students heads the students services unit, assisted by administrative warden/wardens of hostels, professor-in-charge of hobby centres, chief warden of city delegacies, chief of guidance and counselling bureau, deans of faculties etc. The students' aid fund, scholarships (both under endowment and merit scholarships) and research scholarships are directly operated by the dean of students under the over-all guidance of students' aid committees, and scholarship committees, presided over by the Vice-Chancellor. As part of students' services the university has also constituted 'Chhatra Kalyan Samiti' headed by a senior teacher of the university, for establishing a direct rapport with the students in matters which could spark of troubles, if left unattended to.

2.23 New entrants are provided necessary orientation after admission by teachers and also through specific functions organised for the purpose. Twenty percent freships are available in all faculties, excepting in the Institute of Technology, where freship covers 25% of the students.

Apart from freeships, over 5,000 students are covered under other forms of scholarships available.

2.24 The university helped the students financially in unforeseen distress like flood and drought. To fight inflation, it provided subsidised meals, ensured regular civil supplies and cheap meals in cafeterias and canteens run on cooperative lines. Students living in lodges on the periphery of the campus have been included for benefit under the scheme.

2.25 Four cafeterias for the benefit of students are managed directly by teachers and administrative staff for providing meals/snacks at subsidised rates. Under the U.G.C. scheme of subsidy to co-operative messes, in the form of salaries for cooks & helpers, 8/9 co-operative messes have been established in hostels.

2.26 A civil supplies organisation has been set-up by the university with a capital loan of Rs.3 lakhs for drawing ration from the state civil supplies organisation, and for its release to the various hostels co-operative messes, on payment. The scheme has immensely helped in ensuring continuity of messing arrangements in hostels.

2.27 The university athletic association co-ordinates sports activities at the university level. Faculty organisations are responsible for management of sports at the level of the faculty.

2.28 During the IV Plan period the university implemented a Rs.50 lakhs programme, with the assistance of the U.G.C., to strengthen students' services, such as - physical improvement of hostels i.e. dining rooms, Wcs, lighting, furniture, additions to dining halls, common room expansion, approach roads, wardrobes & shutters etc., addition to hostels, addition of canteens/cafeterias, strengthening of sporting facilities, improvement of water and electric supply to hostels, improvement of messing arrangements, provision for funds for purchase of utensils, crockeries and equipment and a large many other measures. A sum of Rs.34.13 lakhs was spent during the fourth plan under this scheme.

2.29 To cover all first divisioners engaged in research, the number of research scholarships have been raised from 100 in 1970 to 200 in 1972-73. The value of merit scholarships was doubled. Needy research students, not receiving any scholarships, have been given adequate grants to enable them to defray the expenses for preparing and typing their theses.

2.30 Student Discipline: Indiscipline, at times leading to violence, had been vitiating the atmosphere in the country and in the universities in particular. The Banaras Hindu University campus could not be an exception. In all cases/employees of the university, an impartial non-partisan and independent enquiry had been conducted and every act of indiscipline, misconduct and violent behaviour was punished regardless of the political or party affiliation of the person.

/of
indis-
cipline,
whether
amongst
students
or
teacher
or other

2.31 Students Representation: Realising that bulk of the students should have a sense of participation in the affairs of the university, a student-teacher consultative committee has been constituted. President and

general secretary of the students union and representatives from the faculties are on this committee from the students side. Its meetings are presided over by the Vice-Chancellor. It looks into the problems concerning students relating to examination schedules, admission, fees, cases of unfair means, allotment of seats in the hostels etc. Besides, the committee also gives attention to the question of the non-resident students and better coordination of the various delegacies in the city, starting of cooperative canteens, evening classes etc. etc. and all these in an advisory manner. The university has been attending to the genuine grievances/complaints of the student community. Students are directly associated with the planning of cultural activities through hostel committees and through the students' union. Implementation of the programme under the NSS scheme is also under the charge of assistant student coordinators.

2.32 Medical Facilities: Medical facilities to the staff and students of the university are provided by the (i) S.S. Hospital, (ii) Institute of Medical Sciences, (iii) University Health Centre and (iv) Dispensary at the Linbdi Hostel. While indoor and outdoor medical facilities are provided at the S.S. Hospital, at other places only outdoor facilities are available. In addition, environmental sanitary facilities like DDT spraying, inoculation against typhoid, cholera etc. are done by Medical Officer of Health of the university.

2.33 Games and Sports: Facilities for outdoor games are provided in the university play grounds and in the hostels. Games are organised by the university games committee. There is one gymnasium hall, one badminton hall, squash court, yoga centre for the benefit of students and campus community. In addition every teaching faculty/institution has a playground attached to it.

2.34 Indoor and outdoor games, common room facilities and literary and cultural programmes under the auspices of the university students cultural society are provided to the students at hostel and University levels.

2.35 University Employment Information and Guidance Bureau: The University Employment Information and Guidance Bureau set up with the help of the U.F. Government in Ruiya Hostel since 1959 provides employment counselling to students and also current literature and information about careers and competitive examinations.

2.36 Representation of students on Universities Bodies: There is a provision in the University Act for representation of students on the University Court, but no representation has been provided for on any of the other authorities, like the Executive Council, Academic Council etc. of the University.

2.37 University Library: The University has a central library known as the Gaikwad Library in addition to seminar libraries in most of the departments, libraries in the Mahila Mahavidyalaya and Evening College etc. Some basic statistics are given below:-

(1)	Books & Journals	5,22,017
(2)	Books & Journals added during (1966-74)	1,18,045
(3)	Manuscripts	7,449
(4)	Timings of Library	9.00 AM to 8.00 PM on week days 10.30 AM to 5.00 PM on holidays
(5)	Average daily attendance	916
(6)	Average daily issued (1973-74)	829
(7)	Stacking area	17,000 sq.ft.
(8)	Reading Room area	6,000 sq.ft.

2.38 University Press: The Banaras Hindu University Press undertakes the printing of prospectuses, annual reports, forms and registers, scientific journals, books and other publications of the staff/department of the university.

2.39 Recruitment Policy: Recruitment of teaching staff is made on an all India basis, in accordance with Statute 27 of the Act and Statutes of the Banaras Hindu University. After inviting applications through open advertisement, the selections are made by the Statutory Selection Committees, which are then approved by the Executive Council and the appointments made by the University accordingly.

2.40 Guest House: There are three guest houses in the campus of the university where VIP visitors to the university and experts visiting the university on official work are accommodated.

2.41 Admission Policy: The University admits students strictly on the basis of merit i.e. on the basis of marks secured by the applicants. In three of the institutes/faculties/departments, namely Institute of Technology, Institute of Medical Sciences and Department of Management Studies, admissions are made on the basis of all-India competitive examinations. The university contemplates introducing honours and M.Litt. courses; and all the departments concerned have been requested to review the admission policy so that only serious-minded students, who are really keen to pursue higher education, are admitted. With the proposed restructuring of courses at all levels in order to make them relevant to the needs of the country, the standard and quality of those coming out can be expected to improve.

2.42 Review of Courses: The University Statutes provide for three levels: Board of studies in each subject, co-ordination at the level of faculty, and overall policy at the level of academic council. These bodies meet at

intervals every year with a view to reviewing the course contents and incorporating changes therein so as to make the courses relevant to the national objectives for higher education. Various subject review committee reports of the UGC are kept in mind by the boards of studies which consist of both internal and external experts.

2.43 Double Courses: The university has designed its courses of studies and regulations for admission thereto in such a manner that no student can offer more than one degree course at one and the same time. It is only with regard to study of courses in music that there is an exception, i.e. students pursuing courses in other faculties can simultaneously join music courses. This is allowed because the teaching in music is done in the evening and the teaching hours there do not clash with the teaching hours in other faculties. Besides, students of the university are free to offer diploma and certificate courses in languages and music simultaneously with degree courses.

2.44 Evening college: During the session 1971-72, a large number of students applied for admission to the B.A. Course. It was not possible for the university to admit all the eligible students to the programmes offered at the campus. In order to tide over the difficulties the university introduced with the approval of the UGC, evening classes at the undergraduate level in arts & social sciences with an annual intake of 300. These classes mainly cater to the needs of employed persons who want to improve their qualifications. During 1974-75, the Evening College had a principal and 13 lecturers for 592 students.

2.45 Religious Instructions: Besides teaching of other subjects in the faculty of oriental learning and theology, instructions on religion are also given to the students. As a part of this, the university is conducting, since its inception regular lectures on Srinad Bhagavad Gita. These lectures are organised by Gita Saniti. Persons from outside having authority on Gita are invited to deliver discourses on Gita under this scheme from time to time. Lectures on Ramcharit Manas are also arranged. Gita Saniti also conducts examination on Gita for the students prosecuting studies for B.A. and M.A. classes. Besides this, examination on religion (Jr. and Sr. Religion) are also conducted by the university. Successful students securing high rank are awarded suitable prizes.

2.46 Professional Courses: Besides degree and postgraduate courses being conducted by the faculties of agriculture, engineering and technology, medical sciences, music and fine arts, law, education, commerce and departments of library science and physical education, the university imparts diploma courses in journalism and mass communication, Hindi, English, foreign languages, Indian languages, Arabic, Urdu, Persian, Linguistics, Museology, instrumental music, vocal music and musicology. The student enrolment in 1974-75 is given in annexure-IX.

2.47 Foreign Assistance Received by the University: During the period under review, the foreign assistance sanctioned and authorised to Banaras Hindu University amounted to Rs.42.33 lakhs and Rs. 39.89 lakhs, respectively. The amount of expenditure incurred upto 1974-75 was Rs.31.16 lakhs. The foreign assistance was received under various research projects viz. PL 480, NBS, Population Council etc. The details of the projects are given in annexure-X. The status of the utilization of the Ford Foundation Grant is given in annexure-XI.

2.48 Examination Results: The results of the various examinations held in 1973-74 are given in annexure-XII.

2.49 Research Activity: During the fourth plan period, the faculty published 4705 research papers/articles and 341 books/monographs and organised 55 seminars/workshops. The number of research degrees awarded during 1966-74, was 888, annexure-XIII. During the year 1974-75 as many as 846 scholars were registered for Ph.D. degree. Of the teaching faculty members (i.e. 54%) possessed research qualifications. The Central Library and various departments subscribe to about 2900 journals and periodicals.

PART III IMPLEMENTATION OF FOURTH PLAN PROPOSALS

3.1 The Commission during the plan period 1966-74, on the recommendation of a visiting committee, agreed to provide financial assistance for development schemes in respect of humanities, social sciences and science subjects, to the extent of Rs.1.87 crore which included a spill-over of Rs.30.88 lakhs. A sum of Rs.1.84 crores has already been spent. Besides the allocation of Rs.1.87 crores, the Commission provided separate funds, outside the plan allocation, for students amenities (Rs.50 lakhs), staff quarters (Rs.15 lakhs) teacher education (Rs.8.85 lakhs), purchase of equipment under 12 Million Dollar Loan Programme (Rs.9.41 lakhs), and additional grant for purchase of library books & journals (Rs.6.25 lakhs), starting of evening classes for B.A. (Rs.3.43 lakhs), grant for support of research and for publication (Rs.1.00 lakhs), golden jubilee grant (Rs.10 lakhs) and assistance for the appointment of development officer, establishment of two study centres, employment of four trained coaches, setting up of employment information-cum-advisory bureau to the university.

3.2 During the fourth plan period, a new faculty of social science was established by integrating the existing departments of history, economics, psychology, political science and sociology. New departments of Urdu, Persian, Arabic, Bengali and journalism were established. Postgraduate course in German and a postgraduate diploma course in linguistics were introduced. An evening college for undergraduate course in arts and social science subjects was set up and the teaching in M.Lib. Science was strengthened.

3.3 The University, during the 1960-74, filled up the posts of 14 professors, 41 readers, 59 lecturers and 43 others against the sanctioned post of 16 professors, 42 readers, 63 lecturers and 46 others respectively (annexure-XIV)

3.4 The university completed the construction of certain buildings sanctioned in earlier plan and most of the buildings sanctioned in the fourth plan period. Some of the buildings completed are: extensions to Mahila Mahavidyalaya, departments of art and architectural, music and fine arts, botany, zoology (isotope laboratory) geology, geography, building of the nuclear accelerator in physics department, 212 seated hostel with 3 warden's quarters, teachers hostel, Hindi Bhavan and various building projects under students amenities programmes viz. international house etc.etc.

3.5 The University has at present a spill-over of Rs. 24,98,580 from the schemes approved upto end of the fourth plan period, annexure-XV.

PART IV FIFTH PLAN DEVELOPMENT PROPOSALS

4.1 Besides the spill over of about Rs.25 lakhs mentioned above, the Commission has already committed the following assistance to the Banaras Hindu University, prior to the visit of the committee:

Non-Recurring

(a)	Basic grant for purchase of:	
	(i) Books & Journals	Rs. 5.00 lakhs
	(ii) Equipment	Rs. 7.50 lakhs
(b)	Purchase of Mass Spectrometer	Rs.13.00 lakhs
(c)	Research and Recurring as per <u>annexure-XVI</u> .	Rs. 2.99 lakhs
	Total:	<u>Rs.28.49 lakhs</u>

Total first charge i.e. spill-over plus assistance already committed Rs.53,47,560.

4.2 For the fifth plan period, the Banaras Hindu University was requested to send its proposals within a ceiling of Rs.2.50 crores, divided into three priorities viz. Rs.1.25 crores (including the first charge of spill-over and assistance already committed) in the first priority, Rs.62.50 lakhs in the second priority and Rs.62.50 lakhs in the third priority. The Commission also suggested the general norms of allocation as : building construction 25%, additional staff 27%, books and journals 20%, equipment 20% and miscellaneous 8%.

4.3 The Banaras Hindu University initially sent its proposals amounting to Rs.2421.68 lakhs distributed as: academic departments Rs.1654.21 lakhs, central facilities Rs.365.06 lakhs, students amenities Rs.189.50 lakhs and campus development Rs.212.91 lakhs. The university was requested to reduce its proposals as desired in the preceding Paragraph. The university sent proposals involving a total expenditure of Rs.294 lakhs as under:-

Item	Priority	Priority	Priority	Total
	I	II	III	
(Rs. in lakhs)				
<u>Non-Recurring</u>				
i. Building	51.77	36.50	15.00	103.27
ii. Equipment/ Furniture	29.45	14.30	3.12	46.87
iii. Books	25.70	12.15	11.75	49.60
Total:	106.92	62.95	29.87	199.74
<u>Recurring Staff:</u>				
	<u>Numbers</u>			
i. Professor	27	7	9	43
ii. Reader	15	16	19	50
iii. Lecturers	20	26	25	71
iv. Others	50	34	45	129
Total:	112	83	98	293
	<u>Amount required Rs. in lakhs</u>			
Amount required (including first charge and Research schemes)	33.83	17.05	14.91	65.79
Misc. Recurring	10.78	3.00	14.85	28.63
	44.61	20.05	29.76	94.42
Total NR+R	151.53	83.00	59.63	294.16

Say Rs.294 lakhs

p.t.o.

PART V - VIEWS OF VICE-CHANCELLOR & OTHERS

Meeting with the Vice-Chancellor, Director Plan Coordination, Deans of Faculties and Heads of Departments.

5.1 The Vice-Chancellor, director plan coordination, deans of faculties and heads of the departments of the Banaras Hindu University emphasised interalia the following, during the course of discussions:

- (1) The Banaras Hindu University, a child of the freedom struggle, was established with the ideal of creating a truly national university, having relevance to the national reconstruction of the country. The University aimed at achieving the harmonious blending of the ancient wisdom and modern scientific and technological advances. The university has justified this aim, as its alumni are in the fore-front of national reconstruction.
- (2) Upto 1947, the major portion of expenditure was met from donations. Eminent scholars and scientists from all over the country served with a spirit of dedication, service and self-sacrifice. After Independence, it started receiving liberal grants from the central government and there has been remarkable development in all the faculties to make this great city of learning truly a 'sarva vidya ki rajdhani'.
- (3) Because of the apathetic attitude of the Uttar Pradesh Government towards the development of higher education in Varanasi, no new undergraduate college was started in Varanasi or in the neighbouring areas during the last two decades. As a result, there has been a sharp increase in student enrolment from about 9,000 from the beginning of the fourth plan to 14,751 in the beginning of the fifth plan. This has also affected its residential character.
- (4) In addition to the rise in enrolment the demand for teaching through the medium of Hindi has been a felt pressure. In most of the subjects teaching is imparted through both Hindi and English media.
- (5) The University is keen to retain its residential character and to provide accommodation to students in its hostels to at least 75% of student-population. The University, therefore, urgently needs additional hostel accommodation for at least 500 men and 200 women students.
- (6) The University is most anxious to retain its all-India character, to make it an institution of 'excellence'. But it has not been possible to retain or improve the standards of education and research due to ever increasing enrolment and inadequate academic and other essential facilities. Provision of liberal scholarships and fellowships to deserving candidates will help the university to promote this. At least 25% of the students should be awarded scholarships and fellowships.

- (7) The University has decided to concentrate on the three-year integrated honours course and the postgraduate course, w.e.f. the 1976-77 session. This will require immediate restructuring of courses and making realistic projections of honours and postgraduate enrolment for at least the next ten years. The main purpose is to improve the quality of education and research, by restricting admissions to really meritorious and deserving candidates.
- (8) This could only be possible if urgent alternative arrangements are made to absorb the Pass course students and those other students who could not obtain admission in the University, by opening new undergraduate colleges in Varanasi by the Uttar Pradesh Government.
- (9) With the adoption of 10+2 system at the school stage, additional resources in men, building, equipment etc. will be required for adding one year to the existing 11-year schools run by the university. Secondary education is a legitimate charge for the state government, and the U.P. government may be persuaded to discharge their responsibility and provide necessary assistance for the development of schools run by the university.
- (10) During last several years there has been a considerable rise in prices which has caused a great strain on normal revenues of the university. The university should be assisted in a liberal way so as to enable it to maintain the tempo of its teaching and research activities. Adequate funds would be required for strengthening the existing programmes of teaching and research.
- (11) During the fourth plan, the UGC suggested that there should be departmental libraries, along with the central library. The departmental libraries were set up and were running without staff. Another UGC Committee made an assessment of the situation and recommended some staff for departmental libraries during the last plan. The university library has to cater to about 15000 students, 1200 faculty members and 4000 employees. The reading room in the university library is actually a passage. It is not properly designed. The greatest need of the university today is to have either a new building for the library or extension of the existing library.
- (12) There has not been much uniformity in the development of various types of libraries in this university. Even in the staff pattern there is no uniformity. While some departments have adequate staff to organise their libraries other have grossly inadequate staff, and still others have no library staff. There is an urgent need to lay down norms at least as far as staff is concerned.
- (13) The annual budget of the university is to the tune of Rs. eight crores. A plan of Rs. 2.50 crores for five years would, therefore be utterly inadequate for a residential university of this size, stage of development and pressing requirements of consolidation, qualitative improvement and expansion. This university deserves more grants, as universities with lesser number of departments, students and faculty are getting the same amount.

- (14) With a view to bringing about some kind of coordination between faculties and to bring about interdisciplinary research, the university has proposed setting up of schools/centres of life sciences, earth sciences, mathematical studies, environmental sciences, behavioural sciences, economic research, education, law etc. It is also proposed to set-up departments of social work, anthropology and home science.
- (15) With a view to providing repair, maintenance and fabrication of equipment and training courses to students and technical staff, the university has proposed the establishment of a central sophisticated instrumentation laboratory.
- (16) The UGC has approved the establishment of a computer centre in the Banaras Hindu University. The university proposes to introduce courses in computer programming.
- (17) A large number of senior readers and lecturers are stagnating in various departments without any avenues for promotion. Besides providing senior positions, the UGC may also revive the 5% personal promotion scheme, to avoid frustration amongst the faculty.
- (18) The increase in student enrolment has caused several problems. Besides overcrowding in halls of residence, the departments do not have adequate space for lecture and laboratory work and other physical facilities for implementing their programmes of teaching and research properly. Some departments could not implement their tutorial system or could implement it only partially due to lack of class rooms. The problem of space is really very acute.
- (19) The University has not been able to provide sufficient housing facilities to its staff, teaching as also non-teaching. The university proposes to provide residential facilities to some of its staff during fifth plan period.
- (20) The facilities available for sports, games and other extra-curricular activities are not adequate. The student enrolment has gone up and such facilities are to be provided on a bigger scale.
- (21) The University has a health centre. A scheme to provide health facilities to students and its employees had been under the consideration of the Commission for quite some time. The scheme needs to be finalised early.
- (22) There is an urgent need to have avenues of promotion amongst different categories of non-teaching and technical staff in various departments of the University.
- (23) The main campus of the university covers 1300 acres of land, 38 miles of road, 45 miles of storm-water channels and about 112 miles of underground drainage and six miles of boundary wall.

In addition, the Kanachha campus covers 52 acres. About 1500 people live on the campus, and for all practical purposes it is like a township. The development and maintenance of this campus, and provision of various essential facilities requires a huge amount, an assessment of which may be made and adequate assistance provided.

- (24) The university has at present only one auditorium attached to the faculty of arts with a seating capacity of 500 persons only. For such a big university as this, there is a need of a big properly equipped of 2500 persons. The university has already collected about Rs.10 Lakhs towards this from donations. The committee may make liberal grants for the construction of this auditorium.
- (25) The university has also a large number of administrative departments such as to Main Registry, the PWD, the Press, the Electric and Water supply Departments etc. The administrative staff is utterly insufficient to implement various programmes. The minimum requirements of the administrative staff for implementation of developmental programmes and for secretarial assistance as well as efficient accounting must be assessed, and assistance provided.
- (26) The Bharat Kala Bhawan has a collection of nearly 90,000 objects including manuscripts, paintings, relics, and archaeological pieces conserved and displayed. It is a great attraction both for foreigners and for local students of fine arts, architecture, history and archaeology. A dynamic programme for the security preservation, display and development of the institution is a pressing need of Kala Bhawan.

Meeting with students

5.2 The committee met the representative of the students, organisations, hostels, cultural organisations, departments and research scholars. They emphasised that this national university was designed to be a centre of excellence with high academic standards, which draws the best talent from all parts of the country for training and thus provide a feedback to the academic community. This can only be possible if the higher education is relevant to the needs of the society, and the results of the research are put to national advantage. The students suggested the following:-

- (i) The number and quantum of scholarships and fellowships should be increased, and about 50% of the students may be granted fee concession. All registered research scholars should receive a fellowships or a scholarship.
- (ii) Poor students from backward and underdeveloped areas join this university. They cannot afford to purchase course/text-books. These students will benefit if the scheme of book bank is extended to the university or liberal grants may be sanctioned for the purchase of multiple copies of textbooks, so that these students can have them on long time basis. There should be a separate section in the library stacking books for the students appearing in competitive examinations.

- (iii) There is acute shortage of hostel accommodation for students in general, and women and research students in particular. A large number of students have to stay in unhygienic environment in the city. Liberal funds may be provided for the construction of hostel accommodation and arrangements made for cheap meals to the resident students. A health centre may be set up in the Kanachha campus for the benefit of students and teachers living in the city.
- (iv) In some departments the teacher-pupil ratio was as high as 1:112. More teaching staff should be appointed to ensure **better** teacher-pupil contact. Teachers may be permitted to give their interview in Hindi or English as Hindi as well as English both are the medium of instruction in the university. The professors and readers should take more classes/periods than at present and that they should be available to the students for a longer duration during the day. Professors should teach undergraduate classes also.
- (v) The rules for the rotation of headship in a department should be finalised and followed strictly.
- (vi) A centre for the study of recent trends in socialism may be established. The department of mathematics may be recognised as a centre of advanced study, and a new department of Geochemistry may be established.

Meeting with the Teachers Association:

5.3 Besides discussing the developmental needs of the various departments with the teachers the committee met the representatives of the Teachers' Association and discussed with them the problems concerning the standard of education and teachers' welfare. The teachers made the following suggestions:

- (i) The number of senior posts should be increased. Besides as recommended by the Sen Committee, there should be periodical assessment of teachers' work so that if found fit, they could be promoted to the next higher cadre. The personal promotion scheme may be revived.
- (ii) The present health centre hardly meets the requirements of students residing in hostels. There should be a separate health centre at the campus for teachers and other employees, and another health centre in the Kanachha campus for teachers and students living in the city. There should be free supply of medicines to teachers and 100% reimbursement for such medicines and medical assistance/is not available in the hospital and dispensary of the university.
- (iii) Nearly 70% teachers live in the city outside the campus. Special grants may be given for the construction of residences for the teachers and a community centre with a few guest rooms for social functions.
- (iv) Gratuity and pension rules may be revised/liberalised to promote the nobility of teachers among universities. This will be highly conducive to raising of high academic standards.
- (v) Liberal grants may be provided to assist the teachers to go out for collection of data and other work connected with their research as also publication of learned research work including doctoral theses.

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PART VI - GENERAL OBSERVATIONS AND RECOMMENDATIONS

6.1 In the light of the various documents submitted by the university and the detailed discussions which the committee has had with the university authorities, the committee makes the following observations and recommendations:

(1) The Banaras Hindu University is one of the leading institutions of higher learning in the country. Its educational programmes cover a range of disciplines, and it has established a reputation for having achieved high standards in many of these. Three departments viz. botany, zoology and metallurgy have been recognised by the UGC for special assistance. Till 1974, the department of philosophy had been recognised as a centre of advanced study in Indian philosophy. Naturally, much is expected of this university as a pace setter in higher education and research.

(2) The Banaras Hindu University is a central university and used to have an all-India character in regard to the composition of students and faculty. However, in recent years the student enrolment has been mostly from the states of Uttar Pradesh and Bihar which together accounted for nearly 77% of the annual student intake in 1974-75. The proportions of students from West Bengal and Andhra Pradesh were 3.2% and 1.7% respectively. The University should strive to retain its all-India character and attract students from all over the country, particularly at the postgraduate and research levels.

(3) The University should attract the best teachers, scholars and researchers from all parts of the country and even from abroad and take all possible steps to avoid inbreeding. Highly qualified outside elements bring in new outlook and freshness to the department and the university.

(4) An important feature of the Banaras Hindu University is its residential character. However, during the fourth plan period, there has been a steady erosion of this character, due to sharp rise in student enrolment and the faculty. Presently about 60% students and 30% of the teaching staff now reside outside the campus. There is an urgent need for expansion and modernisation of residential facilities for the students as well as teachers in the university, but no beginning can be made unless the university consciously decides to control numbers and ensures that new facilities are in fact used for restoring the desired physical standards. The Ministries of Health and Family Planning and the ICAR may also be approached for assistance for additional hostel accommodation for students and teachers in medical college and agricultural college.

(5) Out of the total student enrolment of 14751 in 1974-75, the Institute of Technology and Colleges of Medical and Agricultural Sciences together account for 2855 students and the PUC account for 985 students. The balance of 10911 students were in undergraduate and postgraduate programmes in the faculties of arts, social sciences, sciences, law education, commerce, music

and fine arts, oriental learning and theology; and of these 1042 students and 952 students were pursuing undergraduate courses in the Mahila Mahavidyalaya and the Evening Colleges, respectively.

(6) The students enrolment over the fourth plan period has increased by 63.9% to 14751. The time has come to stabilise the number of students to around 10,000, so that the university does not become unmanageable and its facilities, as may be augmented will be sufficient to maintain the high quality of educational programmes.

(7) The committee suggests that the University should concentrate its energy and resources on honours and post-graduate courses and research facilities. Only meritorious and deserving students should be admitted to these courses. Honours courses may be started in Mahila Mahavidyalaya also.

(8) The solution to the problem of relieving the pressure of admissions on the university is that the Uttar Pradesh Government should have a phased programme of starting new degree colleges in the city of Varanasi and its neighbourhood and these colleges may be affiliated to the Gorakhpur University.

(9) The Committee very strongly recommends that the Uttar Pradesh Government should undertake its constitutional obligation by providing adequate financial assistance for the development, strengthening and expansion of facilities in the three secondary schools run by the Banaras Hindu University. If necessary a separate committee may examine this question in consultation with the Central and Uttar Pradesh Governments.

(10) The University has a statutory planning board in the university. The process of planning is yet to gain necessary maturity and effective participation by all concerned. Many of the departments were unable to provide list of priority requirements or indicate their major thrusts during the current plan period. The plans were generally the sum total of programmes of individuals. Departmental over-view and commitment seemed to be generally lacking. Planning is an all-involving continuous process. It requires proper assessment, implementation, coordination, re-evaluation and review, so that the programmes have a direct relevance to the needs of the community and country, and are within the capabilities of the faculty and other resources of the university.

(11) The problems and demands of almost all the departments seemed to be similar. All of them need to optimise their efforts to strengthen the academic programmes already launched. Consolidation rather than expansion seemed desirable.

(12) Many of the Departments asked for new schools/centres/institutes, e.g., Institute for Life Science, Institute for Earth Sciences, Institute of Mathematical Sciences etc. etc. It was not clear how the existing departments were going to coordinate their activities, vis-a-vis, the new institutes. There were very few 'real' plans or programmes for the institutes. In the absence of substantial cooperation or collaboration between departments, it is doubtful if new institutes would be worthwhile at this stage. The existing mathematics and statistics department wants to bifurcate into two separate departments, one for mathematics and the other for statistics. At the same time they ask for an Institute of Mathematical studies. At this stage the committee has recommended the establishment of only the centre for life sciences.

(13) All the Departments asked for more space, but the utilisation of available space in most of them did not appear to have been carefully planned. The university has to make a special effort to see that maximum use of the existing buildings is achieved by all departments. Time table may be structured in such a way that buildings are put to maximum use.

(14) All departments are very keen to have more faculty positions, specially at the higher levels, and almost all of them wanted that these positions should be open, and not tied to some specialised areas. The reasons given in justification for such demands were excessive teaching load and scanty promotion prospects for the existing members.

(15) M.Phil. and pre-ph.D. programmes may be introduced in well established departments. Some fellowships may also be provided for the purpose.

(16) Many departments have asked for separate major items of equipment, which are better held and used centrally. The committee noted that there are about half a dozen electron microscopes, a mass spectrometer, liquid nitrogen plant and many other major and sophisticated equipment in various science departments and faculties of medical sciences, agriculture and engineering and technology. The UGC has already approved the establishment of a computer centre which would serve as a central facility. All these major scientific instruments should be used as a central facility to avoid duplication.

(17) The mass spectrometer purchased at a cost of Rs.13.00 lakhs by the Institute of Technology would not be of much use to the faculty of science and there was hardly any local expertise available to utilise this equipment in the science departments. The committee strongly recommended that this amount should not be charged to the general development funds of the university and that it should appropriately be a charge on the funds earmarked for the development of engineering and technology.

(18) The University's proposal for the establishment of a Central Sophisticated Instruments laboratory may be considered by the UGC, under its scheme of development of regional instrumentation centres in the country. The university may be asked to submit a carefully prepared proposal incorporating suitable training programmes for the students, teachers and technical staff in the university departments and the colleges in the region.

(19) The Animal House should also be planned and established by the university as a central **unit** and whose facilities can be availed of by the departments of zoology, psychology, biology etc.

(20) Facilities such as xerox, photostat and microfilming equipment have to be treated as a central facility and they may be conveniently located in the central library. The central workshop needs to be further equipped. These centralised units will reduce capital investment and maintenance cost considerably. Such facilities should have committees of users and should have properly qualified and adequate staff for their proper maintenance and running. The university should also establish a central service for servicing the instruments and ensure that instruments do not remain idle for want of maintenance and repairs.

(21) The Banaras Hindu University library system consists of the central library and about 49 departmental/seminar libraries scattered throughout the campus and outside the campus. With the steep rise in the enrolment and the book-and-periodical-stock there has been a complete break-down of planning and coordination of library services, and it has resulted in duplication of books and periodicals. There is no coordination in book-selection procedure, no integrated cataloguing, no university catalogue. In the committee's view library administration should be centralised and made accountable to the university as a whole. The purchasing and processing of all the books and periodicals should be done by the centralised **library administration**. The existing library staff should be redeployed having regard to the fact that the departmental library staff should be generally relieved of technical assignments and should devote their attention to providing service to readers. A new library building, properly planned, should be built. The present central library building could be used mainly as a facility for undergraduates on the campus and the books and periodicals to be stocked in this building may be determined accordingly. The proposed new central library building would be exclusively for research scholars and postgraduate students. The entire library system has to be restructured, starting with integration of administration, improvement in services, careful planning of space and lay out, inuncciation of policies and selection of books and periodicals through appropriate consultations with departments and in response to their requirements.

(22) Adequate liaison should be built up between the faculty of the department of Library and Information system and the university Library system, to the mutual advantages of both. In fact the Department of Library and Information System should if well developed be able to suggest improvement of the present library system.

(23) The third and fourth plan visiting committees advocated the merger of the departments of (i) art and architecture (ii) history and (iii) ancient Indian history, culture and archaeology on academic considerations. The University, however, did not accept the recommendation. The committee would urge the university that for the proper development of the study of the discipline of history on most desirable lines, the university may consider the setting up of a school of historical studies incorporating these three departments.

(24) Department of art and architecture may be redesignated as the department of history of art, and should be made the focal point of teaching art history which is now very spread over various departments. There should be greater and active coordination between the department of art and architecture and the Bharat Kala Bhawan.

(25) The committee is of the view that the Bharat Kala Bhawan is one of the finest institutions of its kind in the country. It should be allowed to preserve its character, and should be properly treated as a museum which is effective in teaching by being linked with it, and which serves as a window on art. It should be separated from the general administration of the university and be linked with the proposed department of history of art (art and architecture).

(26) A school of languages be formed incorporating all the departments of modern Indian and foreign languages. Each department may retain its academic individuality, but inter departmental cooperation in academic work particularly research and in administration and will be better if they are put under one school.

(27) The UGC may approve the department of physical education and provide assistance as recommended.

(28) The committee observed a lack of interaction between the faculty within some departments as also between departments. Present trend is towards segmentation and isolation in the research and teaching programmes of various related departments. This is the general situation in many universities of India. We should expect universities like the Banaras Hindu University to play a leadership role in moving away from this culture to developing inter disciplinary research and teaching in related disciplines and around problems of social and economic relevance. It is therefore suggested that possibilities of inter-disciplinary research work should be explored and

possible linkages between different departmental research and teaching programmes be identified so that useful work can be carried out in new areas of inter-disciplinary research. The University may constitute a committee to examine this issue in detail and make recommendations to the University for promoting inter-disciplinary research and establishing academic linkages between departments.

(29) The faculty of science may institute a course in history of science & technology in collaboration with the departments of history and Sanskrit and the faculties of oriental learning and theology, medical sciences, engineering and technology and agriculture.

(30) The university should actively undertake innovation and experimentation in such matters as internal assessment; tutorials, seminars, and the time allotted for lectures; examination reform; formation of schools of study of related disciplines and promotion of inter-disciplinary and inter-departmental and interinstitutional collaboration.

(31) The development of Mahila Mahavidyalaya desires that special attention be paid to it by the university. It should have a distinct entity of its own as a pioneer and pace-setter in women's education, and it should have the full backing of the university in the performance of its tasks. The qualified staff of the Mahila Mahavidyalaya should be afforded opportunities for teaching in the university teaching departments. All possible facilities for research should also be provided to the faculty of the Mahila Mahavidyalaya. It is essential that Mahila Mahavidyalaya should have a separate budget, and that funds can mark so far it are not diverted. Similarly the evening college should have a separate budget.

(32) It is observed that a number of senior posts of professors, and readers are vacant at present because the incumbants are away on some other assignments or otherwise on long leave. It is desirable that senior positions are not left vacant for long stretches of time, as that affects teaching and research programmes of the university. It is recommended that whenever a situation of this nature arises, the matter be reported to the Commission together with the recommendations of the University. Supernumerary positions may have to be created against these posts for the duration of the leave of absence granted to the permanent incumbants.

(33) The senior faculty members should also participate in teaching the junior classes. Research scholars may be involved in teaching work to the extent they are required to do as per UGC or B.H.U. norms. This will give them experience of teaching which will be helpful when they apply for jobs, apart from reducing the teaching load of members of the faculty.

(34) Almost all the departments complained of inadequate supporting facilities, particularly in respect of office staff, library, grant of funds for research projects and publications, duplicating facilities for teaching materials, and room space for teachers. These complaints deserve careful investigation by the University.

(35) During the fourth plan period, the university made substantial improvement in hostels facilities. However many hostels are still in need of repair. Some of the suggestions made during the discussions were (a) repair charges for the hostels should be covered from the room rent charged from the boarders, (b) charges for electricity and water consumed should be realised pro rate from the occupants of each block in addition to room rent, (c) the services of the rest of block servants may be dispensed with or they may be redeployed if possible and (d) for every 40 residents one person may be appointed for sweeping and cleaning purposes.

(36) Each member of the faculty on his initial appointment should be provided with basic minimum equipment (to work on) and be provided with a grant for consumables etc.

(37) The technical assistants recommended for various disciplines should possess proper training with a bachelors degree in Science.

(38) There should be greater communication facilities (good telephone system) on and off the campus, for the university community, to improve overall efficiency and environment.

(39) It is desirable that the rotation of headships is confirmed to senior teachers, say professors only.

(40) Facilities for sports, indoor games and other extra-curricular activities exist in the University. There is however a need to strengthen such facilities.

(41) The requirements of the campus development need to be studied in depth by specially constituted committees.

(42) In our recommendations no mention has been made for grant for research projects, as all such demands go to the subject panels in the U.G.C. and are decided on their individual merit.

(43) With all the care taken by the committee, in assessing the requirements and allotting funds for the same, according to the priorities inherent in the situation, it has not been possible to contain first priority within the allotted figure of Rs.1.25 crores considering the fact that the Commission has already taken a decision to release 2/3rd of the amount earmarked for a university by approving schemes under first priority and the additional faculty

second

under second priority, the committee has suggested in the present case as first priority an amount slightly excess of this two-third, namely Rs.1.75 crores. In this view of the matter what is now recommended as 2 Priority may be treated as the amount which may be released, should additional funds be available with the Commission upto the earmarked amount of Rs.2.50 crores. We have not attempted to break this sum into two parts to fit in with the earlier direction of the Commission. Within the items included in second priority on the above basis building and equipment may be given relative priority vis-avis other items, as and when additional funds are available for allotment to the university. It is not possible to give high priority to books and journals within the items figuring in the second priority referred to above because the construction of the central library building recommended earlier is a precondition to any large scale increase and their stock of books and journals. Similarly without additional space in certain departments it is not possible to add to the faculty.

PART-VII PROPOSALS AND RECOMMENDATIONS

FACULTY OF ARTS

7.1. Department of Ancient Indian History, Culture and archaeology

7.1.1. The department of ancient Indian history, culture and archaeology was established in 1928. The department offers courses leading to the degrees of B.A. B.A.(Hons) M.A. Ph.D. and diplomas in (i) Indian history and culture, (ii) numismatics, and (iii) archaeology. The student enrolment during 1974-75 was B.A/BA(Hons) 141, MA 181 and Ph.D. 15. The faculty includes three professors (one vacant), four readers (one vacant), 10 lecturers and 2 demonstrators/instructors (one of these posts has since been upgraded to that of a lecturer). Sixteen teachers hold research degrees. The staff specialising in archaeology, included in the faculty of the department, is one professor, one reader, and five lecturer.

7.1.2. The major areas of specialisation are: epigraphy, numismatics, socio-economic history and religion, and archaeology. During the fourth plan period the faculty published 28 books/monographs and over 260 research papers/articles, undertook seven sponsored research projects, organised five seminars, and awarded 35 Ph.D. degrees. The departmental library has a collection of 15000 volumes including 200 old journals. It subscribes to 46 journals in the various areas of specialisation. The departmental workshop provides for laboratory, photographic unit, drawing survey etc.

7.1.3. During the fifth plan the university proposes to consolidate and strengthen the existing teaching and research facilities, and to set-up a cell for the study of

West Asian history and archaeology. It also intends to separate the archaeological section as a separate department of archaeology.

7.1.4. The third plan UGC Visiting committee commented upon the overlapping and duplication in the courses taught at the three departments of (i) ancient Indian history, culture and archaeology, (ii) history of art (art and architecture), and (iii) history, and suggested greater coordination between these departments. The fourth plan visiting committee also shared these views and recommended the merger of these three departments into one, and that the degree to be conferred may be MA in History with the area of specialisation indicated. We are informed that the academic council of the Banaras Hindu University did not accept these recommendation. Keeping in view of the number of students enrolled in three diploma courses, and the resources required to run these courses, the fourth plan visiting committee suggested their discontinuation. This observation still holds good.

7.1.5. The creation of the department of archaeology as a separate entity was sought to be justified from the point of view of availability of staff specialising in archaeology, and its feasibility, and that it might give an incentive to the archaeological excavation work of the department. The committee, however, would suggest that during the current plan the existing facilities in teaching and research and excavation activities should be consolidated and strengthened and the separation of the department may be deferred.

7.1.6. The recommendations of the committee are as under:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Reader - 2 (Pre-history Numimatics, Epigraphy)	Reader - 1 (Veda and Puranik Religions)
Books & Journals	Rs. 20,000	Rs. 5,000
Equipment and excavations	Rs. 30,000	Rs. 10,000

7.2. Department of Art and Architecture:

7.2.1. The department of art and architecture was established in 1950. The department imparts teaching for M.A. degree and postgraduate diploma in art and architecture and research facilities. The student enrolment during 1974-75 was M.A. 54 and Ph.D. 9. The faculty consists of one professor, one reader and one lecturer - all holding research qualifications.

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7.2.2. The areas of specialisation are visual art and Indian art movements. The primary emphasis of the department is on the history of art. During the fourth plan period, the faculty published five books and 58 research papers/articles, undertook three research projects sponsored by UGC/ICSSR and guided the research of scholars of whom 7 were awarded Ph.D. degrees. The department has attracted a number of foreign students.

7.2.3. During the fifth plan period the university proposes to consolidate and strengthen the existing facilities in teaching and research as also to widen its fields of study by including the study of the art of south and south east and central Asia (including Iran, Russia, China, Tukristan and Mongolia) and Himalayan Art.

7.2.4. The committee feels that this department deserves better support than what it has received so far. The subject of "history of art" is at present thinly spread over various departments which include not only this department but the department of History, the department of Ancient Indian history, culture and Archaeology, the departments of the faculty of music and fine arts, and Bharat Kala Bhawan (the department of museology) also.

7.2.5. For want of proper support, this department could not develop, in spite of the valuable work done by it. There is a wide scope for further research in iconography as the work done so far, though valuable, can only be considered as a small beginning.

7.2.6. It is the considered view of the committee that teaching of art history at the university, should be more or less centralised, with this department becoming the focal point of such teaching, and that the department be redesignated as the department of 'history of art' rather than the department of art and architecture. There is considerable potential in this department and good research work has already been turned out. If this department is strengthened and given more facilities and better status, it could function as a service department for the other departments (enumerated above) which take art history into account. We feel that the funds available with the university and the UGC would be best utilised if this approach is adopted.

7.2.7. The department should expand its range of interests by including the study of western art and contemporary art in the world, since confining oneself to the history of Indian art would not enable the students or the researchers to see it in proper perspective. It is understandable that the emphasis on research would continue to be on the history of art in India and neighbouring countries of central, south and south east Asia, but a reasonable acquaintance with the development of art in other cultures should be regarded as necessary for the faculty students and research scholars.

7.2.8. The committee also feels that there should be greater and active coordination between this department and the Bharat Kala Bhavan which may be deemed to be a teaching museum. This end would be best served by the Professor of Indian art history being also regarded, ex-officio as Director of the Bharat Kala Bhavan. The department should be given better accommodation and should acquire efficient facilities in terms of equipment and slide archives.

7.2.9. The recommendations of the committee are as under:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Reader - 1 (Iconography/ western art history)	Lecturer - 1
	Lecturer - 2 (General Art history -1 Eastern art - 1)	
Books and Journals	Rs. 10,000	Rs.5,000
Equipment (including slide archives and furniture	Rs. 20,000	Rs.10,000
Building	Rs. 70,000	Rs.30,000
Field Training	Rs. 5,000	-

7.3. Department of Philosophy

7.3.1. The department of philosophy was established in 1917. It offers courses leading to the degrees of BA, BA(Hons), MA, Ph.D., D.Litt and diploma in philosophy. The student enrolment during 1974-75 was BA/BA(Hons) 176, MA 142, Ph.D. 20 and diploma 2. The faculty in position include four professors, seven readers and 7 lecturers. Twelve teachers possess research qualifications. Two of the posts of professors are vacant.

7.3.2. The major areas of research are: Indian philosophy and religion, and comparative philosophy and religion. During the fourth plan period the faculty published 13 research papers and 28 books and monographs, modernised the courses of study, and guided research of scholars of whom 51 were awarded Ph.D. degrees. The departmental library with 11000 volumes has a very rich collection of philosophical literature. It subscribes to 60 journals.

7.3.3. Till 1974, the department of philosophy had been recognised as a centre of advanced study and financed accordingly, and though it no longer retains that status, it retains all the assets it had as an advanced centre. Two professorships (Malviya Chair of comparative religion and Guru Nanak Chair in Sikh philosophy) are vacant. These should be filled immediately.

7.3.4. The department needs assistance for the publication of works undertaken during its tenure as a centre of advanced study.

7.3.5. The committee recommends as under:-

	<u>I Priority</u>	<u>II Priority</u>
Staff	Reader - 1 (Modern symbolic logic/ Nauyanayaya)	-
Books and Journals	Rs. 10,000	-
Publications	Rs. 20,000	-

7.4. Department of Hindi

7.4.1. The department of Hindi was established in 1918. It offers courses leading to the degrees of BA, BA(Hons), M.A., Ph.D., D.Litt. and diploma in Hindi for foreign students. The student enrolment during 1974-75 was BA/BA(Hons) 857, M.A. 308, Ph.D. 41 and diploma 16. The faculty includes three professors, six readers (two vacant) and 16 lecturers. Twenty two teachers possess research qualifications.

7.4.2. During the fourth plan, 93 Ph.D. degrees were awarded. The department has completed a UGC sponsored project on the preparation of Historical Grammar of Hindi language. The department has also prepared Keshava and Jayasi Dictionary.

7.4.3. During the fifth plan, it is proposed to consolidate the existing teaching and research facilities.

7.4.4. The teaching of Hindi as a language is of national importance, for which teachers methodology, books teaching materials and equipment have to be developed. This national effort has to be made in addition to the work normally done in Hindi departments. The committee feels that Banaras is ideally suited to undertake this task and the department of Hindi at Banaras Hindu University should develop a centre for teaching of Hindi as a language.

7.4.5. The committee makes the following recommendations:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Reader -1 (For teaching Hindi to foreigners) Hindi Stenotypist - 1	- Lecturer - 1 -
Books and Journals	Rs.15,000	Rs.5,000

7.4.6. At present the department has two professors promoted under personal promotion scheme. One of the incumbants may be made regular.

7.5. Department of Indian Languages

7.5.1. The department of Indian languages was established in 1961. The BA, B.Sc. B.Com students are allowed to take Indian Languages like Tamil, Telugu, Malayalam, Marathi, etc as optional languages. There were six students offering these courses in degree classes in 1974-75. The faculty consists of two readers and five lecturers (two vacant) One teacher has research qualifications. The faculty published 29 articles/papers and seven books/monographs during fourth plan and one Ph.D. degree was also awarded.

7.5.2. The department intends to consolidate the present facilities during the fifth plan period.

7.5.3. The committee makes the following recommendations:

	<u>I Priority</u>	<u>II Priority</u>
Books and Journals	Rs.10,000	Rs. 5,000

7.6. Department of Indo-Sumerian Studies:

7.6.1. Though the department of Indo-Sumerian studies was established in 1948, no teaching work is done in the department, and there is no faculty as the only sanctioned post of Reader is vacant since long. The department may be abolished.

7.7. Nepali Section

7.7.1. Nepali is taught by the department of foreign languages. The Nepali Section offers language course to B.A. under-graduate students. There were 8 students in 1974-75. The faculty consisted of one lecturer and one teacher on deputation from Nepal.

7.7.2. The university proposes to establish a separate department of Nepali and institute postgraduate course in Nepali. The committee does not favour the establishment of a separate department and suggest that the university consolidate the present facilities during the current plan.

7.8. Department of Urdu

7.8.1. Till 1973, there was a combined department of Urdu, Arabic and Persian. In July 1973, separate departments of Urdu, Arabic and Persian were formed. The department of Urdu offers courses leading to the degrees of B.A. BA(Hons), M.A., Ph.D, D.Litt and certificate and diploma in Urdu. The student enrolment in 1974-75 was BA/BA(Hons) 125, MA 39, Ph.D. 5, D.Litt. 3 and diploma/certificate 22. The faculty includes one reader and two lecturers, all the teachers possessing research qualifications.

7.8.2. The special areas of interest are: teaching of urdu to foreigners and criticism. During the fourth plan, the faculty published seven books and 39 articles/papers, organised one seminar on Ghalib, and guided research of scholars of whom ~~three~~ got Ph.D. degrees. The departmental library has 2000 volumes and subscribes to 24 journals. The department has undertaken research projects sponsored by Taraqqi-e-Urdu, Urdu Academy U.P. etc.

7.8.3. During the fifth plan the university proposes to consolidate and strengthen the existing teaching and research facilities. It is also intended to institute (1) two-year diploma course in professional calligraphy and (ii) to prepare a descriptive catalogue of urdu manuscripts and to publish a six-monthly Urdu journal.

7.8.4. The enrolment in the department has risen several fold from 39 in 1968-69 to 186 in 1974-75. In addition, the research scholars of the department teach PUC classes in Central Hindu Schools. The department is short of staff. It has not been able to provide for necessary specialisations/optionals and tutorials. The department has to be helped to cope up with the demands and improve the standards of teaching and research.

7.8.5. The committee makes the following recommendations:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Professor - 1 Typist - 1	-
Books and Journals	Rs.10,000	Rs. 5,000/-
Equipment and Furniture	Rs. 5,000	-

7.9. Department of Bengali

7.9.1. The department of Bengali was established in 1972. It offers courses leading to the degree of BA, MA and Ph.D. The student enrolment in 1974-75 was BA 14, MA 29 and Ph.D.4. The faculty includes one reader and three teachers. Three teachers possess research qualifications.

7.9.2. The areas of specialisation are: supernaturalism in literature, vaishnava literature and comparative literature. The teachers of the department have 5 books and 43 research papers to their credit. One ph.D. has been awarded by the department. The departmental library has 500 books and it subscribes to 12 journals.

7.9.3. The committee makes the following recommendations:

	<u>I Priority</u>	<u>II Priority</u>
Staff	-	Reader - 1
Books and Journals	Rs. 5,000/-	Rs. 5,000/-
Equipment and Furniture.	-	Rs.5,000/-

7.10. Department of English

7.10.1. The department of English was established in 1917. It offers courses leading to the degrees of BA, BA(Hons), M.A., Ph.D., D.Litt. and diploma in English. The student enrolment during 1974-75 was BA/ BA(Hons) 384, M.A. 141, Ph.D. 3 and diploma 28. The faculty consists of one professor, seven readers (two vacant) and 15 lecturers (two vacant). Ten teachers are Ph.D. degree holders.

7.10.2. The areas of research are: 20th century English literature, fiction, American literature, poetry and criticism. During the fourth plan, the department reorganised the post-graduate courses, and organised two summer institutes for college teachers.

7.10.3. The space available to the department is not adequate for providing office accommodation to the teachers. The department also needs to be strengthened in the specialisation of contemporary English literature and linguistics. One paper in linguistic or in teaching of English as a foreign language should be a part of the syllabus at the postgraduate level.

7.10.4. During the fifth plan, the university proposes to consolidate its current teaching and research programmes.

7.10.5. The recommendations of the committee are:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Professor - 1 (Contemporary literature British/American)	Reader - 1 (Linguistics)
Books & Journals	Rs. 15,000/-	Rs. 5,000/-

7.11. Department of Foreign Languages

7.11.1. The department of foreign languages was established in 1961. It offers M.A. degree course in German, two-year undergraduate and postgraduate diploma courses in German, French and Russian and a diploma course in Chinese. The student enrolment in 1974-75 was 253. The faculty includes three readers and seven lecturers. The posts of one reader and four lecturers are vacant. At present five teachers under Indo-USSR cultural exchange programme also work in the department. Two teachers possess research degrees.

7.11.2. The faculty published 10 research papers and nine books/monographs during fourth plan.

7.11.3. During the fifth plan, it is proposed to consolidate the existing facilities and to start MA courses in French and Russian with teachers in these languages obtained on deputation cultural exchange programmes, or from the embassies of the respective countries. The department has requested for language typewriters, tapes, tape recorders etc.

7.11.4. The recommendations of the committee are as under:

	<u>I Priority</u>	<u>II Priority</u>
Books and Journals.	Rs. 10,000/-	Rs. 5,000/-

7.11.5. The recommendations in respect of equipment have been made under the school of languages.

7.12. Department of Sanskrit and Pali

7.12.1. The department of Sanskrit and Pali was established in 1917. It offers courses leading to the degree of B.A./BA(Hons) M.A. Ph.D. and D.Litt. The student enrolment during 1974-75 was B.A. 708, MA 163 and Ph.D. 39. The sanctioned teaching strength consists of one professor (vacant), three readers, nine lecturers and one research assistant. All the teachers possess research qualifications, but none of them is at the Reader's level. Four of these teachers teach courses in Pali,

7.12.2. During the fourth plan period, 42 Ph.D. 1 D.Litt. degree were awarded.

7.12.3. The department has been offering only three groups viz. sahitya, darshana and veda to postgraduate students in Sanskrit. It is surprising that the teaching of Vyakarana has been completely ignored. The committee feels that the teaching of Vyakarana is important for Kanya literature, philosophical studies especially nyaya (Indian logic) and mimamsa and linguistics.

7.12.4. The department has done very useful work in publishing rare Sanskrit and Pali manuscripts. This work should be further encouraged.

7.12.5. The recommendations of the committee are:

	<u>I Priority</u>	<u>II Priority</u>
(1) The vacant post of Professor should be filled up without delay.		
(2) Additional Staff	Reader - 1 (Pali)	Reader - 1 (Vyakarana)
(3) Books and Journals.	Rs.10,000/-	Rs.5,000/-

Proposed Department of Pali and Buddhistic Studies

7.12.6. The University has proposed the separation of Pali from the combined department of Sanskrit and Pali, and the establishment of a full-fledged department of Pali and Buddhistic studies. The committee does not favour this proposal at the present stage.

7.13. Department of Arabic

7.13.1. The department of Arabic acquired a separate existence in 1973. It offers courses leading to the degrees of BA., MA, Ph.D. and diploma in Arabic. The student enrolment in 1974-75 was BA 11, MA 3, Ph.D. 2 and diploma 13. The teaching staff consists of one reader and one lecturer (vacant). The reader possesses a research degree. The staff of the department also teaches at Mahila Mahavidyalaya.

7.13.2. The department proposes to introduce the subject of Arabic History, Culture and philosophy at the M.A. stage. The committee is of the view that instead of branching out into these new areas the department should consolidate its present range of activities and concentration on modern Arabic.

7.13.3. The recommendations of the committee are:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Lecturer - 1 (Modern Arabic)	-
Books and Journals	Rs.5,000/-	Rs.5,000/-

7.14. Department of Persian

7.14.1. The department of Persian was established in 1973. It offers courses leading to the degrees of BA, M.A, Ph.D. and diploma in Persian. The student enrolment in 1974-75 was BA 4, MA 3, Ph.D. 2 and diploma 10. The faculty includes two readers and one lecturer (vacant). One teacher has a Ph.D. degree.

7.14.2. The committee suggests that the department should concentrate on modern persian and makes the following recommendations:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Lecturer - 1 (Modern Persian)	-
Books and Journals.	Rs. 5,000	Rs. 5,000

7.15. Linguistics Section

7.15.1. The linguistics section was established in 1972. It imparts teaching for a two-year postgraduate diploma course in linguistics. During 1974-75 there were 5 students in the diploma course and one reader and two lecturers (one vacant) in the section. Two teachers possess research degrees.

7.15.2. It proposes to start an MA course in Linguistics in a full fledged department. The committee feels that this may be deferred to the next plan.

7.16. School of languages

7.16.1. The Banaras Hindu University has departments in various languages viz. Sanskrit and Pali, Hindi, Urdu, Bengali, other Indian languages (Marathi, Telugu, Tamil and Malayalam) Foreign languages such as Arabic, Persian, Chinese, Nepali, French, German, Russian and English and linguistics. The Committee recommends that a School of Languages be formed incorporating all these departments of languages. Each language group may retain its academic individuality, but the administration and coordination will be better, if they are put under one school. Staff as recommended under various departments may be appointed. One of the senior professors may act as the director/coordinator of the school.

7.16.2. The proposed school may also take up teaching of Japanese by appointing a lecturer.

7.16.3. The initiation of other programmes e.g. starting of post-graduate courses in a language, or a new diploma, should be undertaken after the school gets established on sound footings.

7.16.4. Sufficient interaction has to be built between the faculty in different subject in the research work in various languages. The following central facilities may be provided under the school of languages:

(a) Duplicating Centre: For making copies of teaching and research materials. If developed properly, this centre may also undertake editorial and translation work in due course.

(b) Language Laboratory: A nucleus of a language laboratory was sanctioned to the department of English for use by all language departments during the fourth plan period. This should be strengthened. The following recommendations are made:

7.16.5.

I Priority

II Priority

Staff: Professor-1
(linguistics)

Lecturer-1
(Japanese)

Tech. Asstt-1

Stenotypist-3

Gestetner operator-2

Lab. Attendant-1

contd.....

	<u>I Priority</u>	<u>II Priority</u>
• Building including airconditioning and installation of language laboratory	Rs. 50,000	Rs. 20,000
Equipment and furniture	Rs. 60,000*	Rs. 10,000
Contingencies	Rs. 10,000	Rs. 5,000

*including gestetner duplicator, tapes etc.

7.17. Department of Library and Information Science.

7.17.1. A course in library science leading to a certificate was started in 1941. In 1942 the award was upgraded to a postgraduate diploma and the course was so revised and it continued upto 1963. The B.Lib. Sc. course was instituted in 1964 and M.Lib. Sc. in 1965. Recently the department has been named as department of library and information science.

7.17.2. To begin with teaching was done by the senior staff of the central library of the university. The first full-time lecturer in library science was appointed in 1959. The faculty now in position includes one professor, one reader and three lecturers. In addition, one post each of reader and lecturer, of the posts approved by the UGC during fourth plan, were not filled till the end of the last plan period and so they have lapsed. The student enrolment during 1974-75 was B.Lib. Sc. 40 and M.Lib.Sc. 7 only.

7.17.3. The visiting committee could not meet the professor as he was reported to be out of Varanasi.

7.17.4. At the M.Lib.Sc., specialisations are available in public library system; academic library system; business research and technical library system; archival libraries; documentation; literature for science and technology; literature for social sciences and humanities; biomedical literature and law librarianship. In addition, two comprehensive dissertations in the form of literature survey, 'survey project' or a 'documentation' are required to be prepared. During the fourth plan the faculty has published about 90 articles and 11 books and undertook three research projects sponsored by UGC.

7.17.5

The department has now introduced new courses at the M.Lib. Science level, viz. information storage and retrieval, information sources, and research methods and has asked for additional staff of one professor, two readers and three lecturers. As regards the teaching of the information sources and research methods, teachers from the appropriate departments may be called upon to provide instruction for certain topics in these papers. With a view to providing more dynamism and cohesion in the department and strengthening the faculty it is proposed that a professor with a Ph.D. and experience in modern techniques of library science and in guiding research be appointed.

7.17.6

The accommodation for the department is inadequate and steps should be taken to remedy the situation. The amount of Rs.1.50 lakhs approved by the UGC during the fourth plan period for a separate building on the plinth area of 6000 sq. ft. was utilised by the university for other purposes. The construction for a similar accommodation at present norms should be around Rs.2.5 lakhs. If a new building for the central library is to be built the department should be housed there.

7.17.7

It is obvious, that adequate liaison should be built up between the senior library personnel in the university library system and the faculty of the department of library science to the mutual advantage of both. The university may look into this matter. In fact the department of library science should be in a position to suggest improvement of the present library system.

7.17.8

The committee makes the following recommendations:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Professor-1	-
Books and Journals	Rs. 10,000	Rs. 5,000
Scholarships(2) @ Rs.250/-p.m. for M.Lib.Sc.		

7.18 Department of Physical Education

7.18.1

The Banaras Hindu University instituted a post-graduate diploma course in physical education in 1965. On the recommendations of a committee appointed by the academic council, the University decided in 1971 to create a department of physical education under the faculty of education, and to convert the diploma course into one year postgraduate degree course as Bachelor of Physical Education (BPE) w.e.f. 1973.

During 1974-75, there were 26 students under instruction for B.P.E. degree. The faculty includes one reader and three lecturers.

7.18.2

The UGC has not yet approved the establishment of this department. The Committee was informed that the course for the B.P.E. degree were framed in consultation with an expert committee and that the ultimate aim was to have in due course a full fledged faculty of physical education who will undertake research on matters relevant to physical education including Yoga as a system of physical exercises and train high class coaches.

7.18.3

The facilities for imparting the degree course seem to be available on the campus and there are potentialities for developing the department. The committee, therefore, recommends that the UGC may approve the department and provide assistance for its development.

7.18.4

The committee makes the following recommendations:

	<u>I Priority</u>	<u>II Priority</u>
Staff:	Reader-1 *Lecturer-3	Lecturer-1 (lady)
Equipment and fixtures.	Rs. 10,000	Rs. 5,000

*.already existing and may be regularised.

7.19

Bharat Kala Bhavan (Department of Museology)

7.19.1

The Bharat Kala Bhavan, a department of Banaras Hindu University, has a rich collection of Indian Art and allied subjects. It has about 90,000 objects including manuscripts, paintings, relics and archaeological pieces conserved and displayed. It has altogether 26 sections out of which collections of Indian paintings, sculptures, terracottas, textiles coins etc. are of high importance. With the help of two keepers-cum-lecturers and in collaboration with the department of museology, its has been imparting instructions for postgraduate diploma course in museology since 1968. During 1974-75, there were three students in the diploma course.

7.19.2

The Kala Bhavan library has a representative collection of books and journals on Indian art, history and culture. It has about 11,000 books, 7,000 journals and 500 off prints. The Bharat Kala Bhavan requires more space, equipment and furniture for adequately displaying its collection for holding classes in museology and for holding seminars and lectures on

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exhibitions. The ground storey needs reflooring to avoid humidity. The security arrangements in Bharat Kala Bhavan is not upto the mark. This national heritage should be protected against theft and vandalism. It requires armed and other guards and a boundary wall all around the museum.

7.19.3

The committee is of the view that this is one of the finest institutions of its kind in the country. It should be developed as a museum-cum-teaching centre. It should be separated from the general administration of the university and should be linked with the department of history of art (art and architecture) as stated elsewhere. While the Bharat Kala Bhavan would continue to be used as a resource by the department of museology, the committee strongly feels that it would be desirable for the Kala Bhavan to offer on its own a course in art appreciation for the general public, such a course could with great ease be designed around its permanent collection.

7.19.4

The committee is fully aware that for the proper development of the Bharat Kala Bhavan specialist staff (education officer, exhibition officer, publication officer, carpenters, tailors, mount-makers, proof-readers etc.) and equipment would be required, which deserve a careful assessment by an expert committee. But pending a detailed examination the committee considers the following as urgently required during the fifth plan period:-

	<u>I Priority</u>	<u>II Priority</u>
Staff:	Reader-cum-Deputy Director* - 1	Guide lecturer-1 (Rs.550-900)
	Lecturer-cum- Deputy Keeper* - 1	Guards-3
	Asstt. Librarian-1	Attendant-1
	Armed Guards-3	
	Gallery Attendants-3	
	Checking counter Assistant-1	
Books and Journals	Rs. 10,000	Rs. 5,000
Equipment	Rs. 50,000	Rs. 20,000
Publications	Rs. 20,000	Rs. 5,000
Buildings (including Remodelling of galleries)	Rs. 10,000	Rs. 10,000
Fellowships	Four.	

*. Expert in museology.

£. includes display material, art objects.

7.19.5 The Department of Culture, Ministry of Education and Social Welfare, Government of India may be approached by the Banaras Hindu University for assistance for the conservation of paintings, sculptures and objects of art. The Department of Culture is stated to have a scheme of providing regular grant of Rs.25,000 per annum for the purpose during the fifth plan period. The Department of Culture may be requested to make a special initial grant.

7.19.6 The Department of Culture, Government of India may also sympathetically consider the request of the Bharat Kala Bhavan for providing necessary arrangements and fixtures for providing adequate security for the art treasures in this institution.

7.19.7 The Banaras Hindu University may appoint an art purchase committee in consultation with the Department of Culture of Government of India so that a regular phased programme could be chalked out and the Department of Culture requested for appropriate grant.

7.20 Department of Journalism and Mass Communication

7.20.1 The department of journalism and mass communication was established in 1973. It offers one-year post-graduate diploma course in journalism and mass communication. There were 16 students in the diploma course during 1974-75. The faculty strength is one professor, two lecturers and two part-time lecturers. The professor holds a research degree.

7.20.2 Eleven out of 13 students of the first batch and 8 out of 15 examinees of second batch passed out in 1974 and 1975 respectively. While all the diploma holders of the first batch got jobs in newspapers, six candidates out of the eight passed out in 1975 had found employment by the time the committee visited the department. The department provides instructions and practice in English as well as Hindi journalism. Three Hindi dailies, viz. the Aj, the J^aavarta and the Sammary and Varanasi special edition of the English daily the Northern India Patrika, provide practical training to the students of the diploma course. The students also visited newspaper offices at Allahabad, Patna and Bombay for practical training. The department brings out two journals as an exchange in journalism, one in English called the 'Campus' and another in Hindi called 'Parison'. It has a UNI teleprinter service, to give the experience of newsroom to the students.

7.20.3 The departmental library has a collection of 2000 books and subscribes 7 journals. It caters to the needs

/to

of students and research workers in journalism and mass communication. During the two years of its existence the department organised (a) an All-India Conference on education for journalism (b) the first All-India Laboratory Journalism Seminar and exhibition, in collaboration with Press Institute of India (c) the All-India Seminar on Reporting Agriculture (d) an exhibition in collaboration with IARI and ICAR, and (e) a three-week workshop for working journalists in Hindi in collaboration with Indian Institute of Mass Communication. The department lays special emphasis on development of journalism with reference to Commerce and Agriculture.

7.20.4 During the fifth plan, the department proposes to upgrade the present course to bachelors and masters (B.J. and M.J.) degrees in journalism. It also intends to undertake a programme of preparation of text-book on journalism in English and Hindi, text-books on advertising, public relations etc.

7.20.5 The department requires Cameras, taperecorders, public address system with video-tapes, projector, photo-Lab (dark room) equipment, printing Lab. equipment (including silk screen printing) typewriters, furniture etc. There is no telephone in the department.

7.20.6 The department's plans are ambitious and generally on sound lines. How much it can achieve depends on the resources available in terms of competent faculty facilities and funds. It must set its priorities within the resources it receives.

7.20.7 The recommendations of the committee are:

	<u>I Priority</u>	<u>II Priority</u>
Staff:	Reader-1 (Communication Research/ Teaching material Seminar publications)	Lecturer-1 (Rural communication/ Printing and Graphics)
Books & Journals	Rs. 30,000 (including preparation of teaching material)	Rs. 10,000
Equipment:	Rs. 80,000	Rs. 30,000

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7.20.8 The department may utilise the services of the faculty of other departments e.g. the department of Law for press laws, the department of fine arts for photography, the department of applied art for printing and design.

7.21 FACULTY OF SOCIAL SCIENCES

7.21.1 The faculty of social sciences consists of five departments, namely, economics, history, political science, psychology and sociology. All the five departments are housed in one building. The number of students under instruction in the various departments of the faculty during 1974-75 was; 2014 distributed as BA/BA(Hons), 1003 M.A., 779 and research scholars 232. There are 66 teachers in these departments.

7.21.2 The committee met the Dean and other teachers of the faculty. The attention of the committee was invited to the extreme hardship imposed by the acute shortage of accommodation available for class rooms, library-cum-reading room, common room etc. Research scholars do not have proper facilities to sit and study or to meet their faculty advisors. The teachers also suffer from want for space. It was pointed out that the grant approved by the Commission during the previous plan period for constructing additional building accommodation for the faculty was diverted to other purposes. The need for additional space is pressing and deserves urgent consideration. An additional wing may be constructed to provide for lecture theatres, classroom, large library-cum-reading room for postgraduate and research students a common room for boys and another for girls, psychology laboratories etc. The second floor on the left of the set of rooms now occupied by the sociology department in the building could also be built up to construct additional accommodation.

7.21.3 The committee recommends as under:-

	<u>I Priority</u>	<u>II Priority</u>
Building (including fixtures and furniture)	Rs. 4.00 lakhs	Rs. 1.00 lakhs

7.22 Department of Economics.

7.22.1 The department of economics was established in 1917. It offers courses leading to the degrees of B.A. B.A(Hons), M.A., Ph.D. and D.Litt. The student enrolment during 1974-75 was 672 in B.A. and B.A(Hons), 135 in M.A. and 56 scholars enrolled for Ph.D. The faculty includes one professor, six readers (three vacant) and seven lecturers (two vacant). Eight teachers hold research degree.

7.22.2 The research interest is in the areas of public finance, labour economics, population, regional development, economic system, public enterprise development, banking, transport, pricing, agricultural economics and industrial economics. During the period 1966-74, the faculty of the department published 161 research papers, 12 books and three reports, undertook three sponsored research projects, and awarded 19 Ph.D. degrees.

7.22.3 During the fifth plan, the department proposes to consolidate and strengthen its existing facilities in teaching and research. It also proposes to start a school of economics comprising, (i) institute of public finance (ii) and regional studies cell to undertake interdisciplinary study of the problems relating to eastern Uttar Pradesh and socio-economic surveys of local and regional problems. It proposes to institute one-year postgraduate diploma courses in (a) economics of public sector, (b) industrial relations and (c) economics of transport and introduce M.Phil and three-year honours courses.

7.22.4 The committee does not favour the idea of starting a school of economics or introducing one-year diploma courses as proposed.

7.22.5 Due to large intake of students in undergraduate classes, the department is experiencing shortage of space and staff. The department should reduce its intake and concentrate its energies and efforts on the teaching of honours and postgraduate courses and in research activities, during the present plan period.

7.22.6 The committee recommends as under:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Professor-1 (Planning/ International Trade)	Reader-2 (Econometrics and Macro- economics)
Books and Journals	Rs. 40,000	Rs. 20,000
Equipment	Rs. 5,000	Rs. 5,000

7.23 Department of History

7.23.1 The department of History, established in 1917, offers courses leading to the degrees of B.A. B.A.(Hons), M.A., Ph.D. and D.Litt. The student enrolment during 1974-75 was 418 in B.A. and B.A.(Hons), 184 in M.A. and 49 scholars enrolled for Ph.D. degree. The faculty consists of two professor (one vacant) four readers and eight lecturers (three vacant). All the teachers hold research qualifications. It is understood that one post of professor and one post of lecturer are vacant.

7.23.2 The department has broad fields of specialisations, viz. western history; contemporary world history and historical writings; modern western political thought; Indian history / covering / ancient and medieval periods and the modern period, including national movement and constitutional development in India. On account of its broad frame work, the department has attracted a comparatively large number of students. The present head of the department specialises in modern history. During the fourth plan period, the faculty published 178 research papers and five books, and awarded 15 Ph.D. degrees.

7.23.3 The fifth plan proposals include the consolidation and strengthening of existing teaching and research facilities and teaching of more optional groups at the postgraduate levels. The department proposes to acquire microprint cards of British Parliament papers relating to India from U.S.A. and micro-print copies of the important newspaper files from Nehru Museum.

7.23.4 The committee recommends as under:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Professor-1	Reader-2
Books and Journals	Rs. 30,000	Rs. 10,000

7.24 Department of Political Science

7.24.1 The department of political science was established in 1929. It offers courses leading to the degrees of B.A. B.A(Hons), M.A. and Ph.D. The student enrolment during 1974-75 was; B.A/B.A(Hons) 542, M.A. 232 and Ph.D. 46. The faculty includes one professor, five readers and eight lecturers (three vacant). Eight teachers hold research qualifications.

7.24.2 The major research interests of the department are; political theory and thoughts, public administration, constitution, government and political international relations, and nationalism and movements. During the period 1966-74, the faculty published 53 research papers, 14 books and monographs, undertook seven research projects sponsored by ICHR, ICSSR etc. organised four seminars/symposia and awarded 16 Ph.D. degrees.

7.24.3 With the approval of the UGC, the Centre for the study of State Governments was set up during the fourth plan. The staff approved for the centre was two senior research fellows, two junior research fellows, one investigator one stenographer-cum-office assistant, besides non-recurring grant for field work. The centre/ studied / aspects of political processes in the states, such as; election, leadership pattern, functioning of governments at the states and the local bodies, political

administration, centre-state relations etc. Some studies have been published in the form of monographs, papers and articles. The centre has done good work and its continuance during the current plan has to be assured.

7.24.4 The department is handicapped by shortage of maps, staff and space. The teacher-pupil ratio is 1 : 55, and only three optional groups out of seven optional groups prescribed at the postgraduate stage are being offered.

7.24.5 During the fifth plan, the proposals aim at the consolidation and strengthening of the existing teaching and research facilities. The department proposes to provide the teaching of four more optional groups at the postgraduate stage. The Centre for the study of State Government has a scheme for the study of political development of eastern districts of U.P. and area studies of Nepal, Soviet Union, South East Asia and West Asia.

7.24.6 The recommendations of the committee are:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Reader-1	Professor-1 (Ancient Indian Political Thought)
Books and Journals	Rs. 30,000	Rs. 10,000

7.24.7 The proposals of the area studies of the department/ Centre may be assessed by the appropriate committee of the UGC. For the continuation of the centre for the study of State governments, the university may make a separate research proposal for the consideration of the U.G.C.

7.25 Department of Psychology

7.25.1 The department of psychology was established as a separate departments in 1961. It offers courses leading to the degrees of B.A, B.A.(Hons), M.A. and Ph.D. The student enrolment during 1974-75 was: B.A/B.A(Hons) 285, M.A. 96 and Ph.D. 37. The faculty consists of one professor, four readers and eight lecturers (one vacant). Ten teachers have research qualifications.

7.25.2 The major areas of research are: personality, comparative and developmental, clinical, crime and delinquency, experimental and physiological psychology. During the fourth plan period, the faculty published 32 research papers and eight books, undertook four research projects sponsored by ICMR, ICSSR, UGC etc, developed more than 25 scales and used

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in the post-graduate testing laboratory of the department and awarded 22 Ph.D. degrees also.

7.25.3 The department has a very strong section in comparative psychology and has carried out intensive research on the effects of hersaponin (formacoganic active principle of an Indian herb Brahmi). The department has been making inter-disciplinary studies in collaboration with experts in zoology, biochemistry and physiology. Commendable work has been done on industrial psychology as well.

7.25.4 There is acute shortage of space both for class rooms and laboratories.

7.25.5 The fifth plan proposals include (i) consolidation of existing teaching and research facilities, (ii) strengthening of laboratories (iii) establishment of centre of applied research and services in psychology, (iv) establishment of a service unit, and (v) institution of two diploma courses in (a) clinical psychology and (b) vocational guidance and counselling and the M.Litt. course.

7.25.6 The committee does not support the proposals to set up a centre of applied research and services in psychology and the service unit, and institution of certain diploma courses during the current plan period. The committee is of the view that the department should concentrate on consolidating and strengthening the existing teaching and research facilities especially in the fields of clinical industrial and comparative psychology and that the M.Litt course may be started.

The committee recommends as under:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Professor-1 (clinical/ Industrial) Psychology	Reader-2
Books and Journals	Rs. 30,000	Rs. 10,000
Equipment:	Rs. 70,000*	Rs. 20,000

*Includes Rs.30,000 for comparative psychology laboratory and Rs.20,000 for clinical psychological laboratory and the remaining for other branches.

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7.26 Department of Sociology

7.26.1 The department of sociology was established in 1965-66. It offers courses leading to the degrees of B.A., M.A. and Ph.D. The student enrolment during 1974-75 was: BA 1104, M.A. 132 and Ph.D. 44. The teaching faculty consists of one professor, three readers and seven lecturers,. Eight teachers possess research qualifications.

7.26.2 The major areas of research are: social structure and change, community study and ethnic study, planned change, bureaucracy, tribal studies, educational sociology, and urban studies. During the fourth plan period, the faculty published 63 research papers, 15 books and monographs, organised four seminars, undertook six research projects sponsored by ICSSR, NCERT etc. and awarded 6 Ph.D. degrees.

7.26.3 The department faces acute shortage of staff and class-room facilities. The teacher-pupil ratio is 1:112 and only three out of the 12 optional groups could be taught with the present staff.

7.26.4 During the fifth plan, the department proposes (i) to consolidate the existing facilities (ii) to improve the teacher-pupil ratio; and (iii) to set up a centre for social research to undertake the study of (a) the developmental problems of eastern U.P. and their sociological implications (b) Himalayan communities (including Indo-Mongolian Social structure) and (c) soviet society and (d) the social structure of South East Asian countries. The committee feels that the department should concentrate on improving the quality of the existing programmes. The establishment of the proposed centre for social research may be deferred for the present.

7.26.5 The committee makes the following recommendations:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Reader-1	Lecturer-1
Books and Journals	Rs. 30,000	Rs. 10,000
Equipment	Rs. 5,000	Rs. 5,000

7.27 Department of Anthropology and Social Welfare

7.27.1 The university has made proposals for the establishment of two new departments, one for anthropology and the other for social work, during the current plan period. Having regard to the new constraint on the resources now available and to the urgent need to raise the standards of the existing wide range of teaching and research programmes

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the committee is unable to recommend any allotments in support of the proposed new departments. The committee is of the view that the university should concentrate during the current plan period on consolidating and strengthening the existing departments and that the establishment of the proposed departments may be postponed to the sixth plan period.

7.28

Need for Reorganisation of courses and coordination of teaching between the departments of Arts and Architecture History; and Ancient Indian History Culture and Archaeology. A case of School of Historical Studies.

7.28.1

It has been stated earlier that the UGC third plan visiting committee commented upon the duplication and overlapping of courses taught at the three departments of (i) arts and architecture (ii) history, and (iii) ancient Indian History Culture and Archaeology and suggested greater coordination between these departments. The fourth plan visiting committee advocated the merger of these departments on academic grounds. The Banaras Hindu University, however, did not accept these recommendations. There is need for proper planning and coordination among these departments in regard to teaching and research. They have large overlapping areas of common interest. It is noted that Group A of the optional groups of papers for the M.A.(Previous), as referred to in the proposals by the department of Ancient Indian History, Culture and Archaeology comprises three papers - Indian Sculpture (paper I), Architecture (papers - II) and Indian Iconography (paper III). Similarly, in the prospectus of studies for the degree of M.A. pertaining to the department of History. Paper IX under Group D is 'History of Indian Arts and Architecture'. Similarly the need for coordination and readjustment in the papers prescribed for M.A. courses in the departments of Ancient Indian History, Culture and Archaeology, and History, will also become evident from the following example:

Papers on Political History of India in the two departments:

Department of Ancient Indian History, Culture & Archaeology

M.A.Previous

Paper I. History of North India from 600 B.C. to 1200 A.D.

Department of History

M.A.Final

PaperVA- History of India from C.320 to 600 A.D.

Paper VIA-Political History of North India from A.D. 600 to A.D.1200

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7.28.2

The teaching in both the departments will be improved, if there is proper co-ordination. Streamlining of the contents of different postgraduate courses covering the same area, collaboration among related departments in teaching and research, and development of each department in this group as a resource for the other too, having regard to its area of specialisation are urgently called for.

7.28.3

The committee would, therefore, urge the university that for the development of the study of the discipline of history on most desirable lines, the university may consider the setting-up a school of historical studies comprising these three departments. The courses of study and methods of teaching history should be modernised and rationalised.

FACULTY OF SCIENCE

7.29. Department of Physics and Spectroscopy

7.29.1 The department of physics and spectroscopy was established in 1917. It offers courses leading to the degrees of B.Sc., M.Sc., Ph.D. and D.Sc. The student enrolment during 1974-75 was : B.Sc. 698, M.Sc. 97 and Ph.D. 109. The faculty consists of six professors, 12 readers and 23 lecturers. The posts of one professor three readers and two lecturers are vacant. Twentynine teachers possess research degrees.

7.29.2 The major areas of postgraduate study and research are ; solid state physics, electronics and radio physics, spectroscopy, and nuclear physics. During the fourth plan, for some time the spectroscopy section, teaching postgraduate courses only, existed as a separate department but was merged again with the main department in 1971. The spectroscopy section is equipped for studies of molecular spectra visible near ultra-violet and infra-red regions, microwave, radiofrequency region etc.

7.29.3 During the fourth plan period, the faculty of the department published 830 research papers/articles and five books, awarded 116 Ph.D. degrees, organised eight summer institutes, two symposia and two training courses for laboratory and workshop technicians and undertook 18 research projects sponsored by CSIR, PL 480, Defence, AEC, UGC, INSA, ISRO, UPSSIR etc. The departmental library stocks about 6000 volumes and subscribes to 54 journals.

7.29.4 The department considered the introduction of three-year B.Sc.(Hons.) course necessary for improving the quality of the students admitted to the postgraduate courses in Physics. It has also suggested the introduction of new electives as : radiation physics, space physics, biophysics and astrophysics at the postgraduate level.

7.29.5 The department pressed its demand for special assistance for the establishment of a Centre for Solid State Physics as also for the setting up of an Inter-disciplinary Institute of Nuclear Studies.

7.29.6 In the areas of experimental nuclear physics and experimental spectroscopy, the university did not make use of the senior positions available during the last few years. This shows a mismatch between costly facilities available and the appointment of staff, which is a symptom of lack of proper planning in the department which was seen otherwise too. The department did not present a coherent perspective plan for the department as a whole. Its priority should be on the optimum use of the existing experimental facilities. The number of research students (109) is rather too large, having regard to the available facilities. The vacancy caused by the death of Professor Tantri may be filled with an expert in radio physics/ionosphere and Dr. Bhattacharya's vacancy filled with expert in experimental solid state physics.

7.29.7 The department needs one professor in experimental nuclear physics to give a perspective and leadership to programmes using Van-de-Graff machine, on which about Rs.12 lakhs have already been spent and another professor in experimental spectroscopy to make optimal use of existing equipment on which considerable investment has been made. It was said to see instruments like IR-11 lying uncommissioned

7.29.8 The committee makes the following recommendations :

		<u>I Priority</u>	<u>II Priority</u>
Staff	..	Professor - 1 (Exptl. nuclear Physics) Technical Assistant-1	Professor - 1 (Exptl. spectroscopy) Technical Assistant-1
Equipment	..	Rs. 3.00 lakhs	Rs. 2.00 lakhs
Books & Journals	..	Rs. 1.00 lakh	Rs. 0.50 lakhs

7.30 Space Science Centre:

7.30.1 The University had earlier submitted to the UGC an ambitious proposal (about Rs. 28 lakhs) for a space science centre and as suggested by physics panel, the UGC had asked the Committee to look into it. The Committee was, however, surprised to find that the proposal did not feature in the proposals presented to the Committee by the University or by the Department. It was clear that this was not a priority item for the university now.

7.31 Department of Chemistry:

7.31.1 The department of chemistry was established in 1917. It offers courses leading to the degree of B.Sc., B.Sc.(Hon.) M.Sc.(Chemistry, Biochemistry), Ph.D. and D.Sc. The student enrolment during 1974-75 was B.Sc./B.Sc.(Hons) 629, M.Sc. 108, and Ph.D. 60. The teaching faculty includes five professors (one vacant), 15 readers (one vacant) and 21 lecturers (7 vacant) and two pool officers also assist in the teaching programme. All teachers, except two, possess research qualifications.

7.31.2 The major areas of research activities are: organic chemistry, inorganic chemistry, physical chemistry, analytical chemistry and biochemistry. During 1966-74, the faculty published 385 research papers, undertook 39 research

projects sponsored by CSIR, Defence, UGC, etc. organised four summer institutes for college teachers and awarded 115 Ph.D. degrees. The departmental library has a collection of about 3000 books and journals and subscribes to 80 journals.

- 7.31.3 During the fifth plan period the department proposes to consolidate and strengthen the existing teaching and research activities of the department.
- 7.31.4 There has been some imbalance in the growth of the different major divisions. Organic Chemistry and Physical Chemistry divisions are better staffed than others, but at the same time, there is no expertise in certain frontier areas even in these two divisions. For example, there should be more spectroscopists who can use the available equipment and also provide interpretation of spectra. There is only one theoretical chemist and one solid state chemist. The department could be usefully strengthened in the fields of spectroscopy, theoretical chemistry and any other areas of physical chemistry.
- 7.31.5 The numbers of the faculty in inorganic chemistry, analytical and biochemistry divisions are inadequate. These areas will have to be strengthened.
- 7.31.6 The department is planning to enlarge the scope of biochemistry. There is already a full-fledged M.Sc. programme in biochemistry in the department. There has been some welcome cooperation between the department of chemistry and biology in offering facilities for the M.Sc. programme, but at present there appears to be increasing tendency for isolation which goes against the proposal of having a centre of life science which has been put forward by the university.
- 7.31.7 The department has to use the available space more effectively. Proper storage along walls, use of corridors etc. should be possible. A solvent storage room should be provided, at present there is bad hazard in the laboratory. Additional room may have to be provided for housing the neutron sources, one lecture room and one cold room.
- 7.31.8 The analytical service laboratory is providing services to a number of outside organisations. This laboratory may be strengthened further so that it may form "the nucleus for the central sophisticated instruments laboratory" proposed by the university. The Committee does not support the view that the said laboratory should be set up as a new department with all impact (building, equipment and personnel) to be provided as additions.
- 7.31.9 Three senior positions are lying vacant on account of long term leave of present incumbents. These positions should be filled ~~soon~~ by creating necessary positions.

7.31.10 The recommendations of the committee are as under :

	<u>I Priority</u>	<u>II Priority</u>
Staff	Readers-2	Reader-1
	Lecturers-3	Lecturers-3
Books & Journals	Rs. 1.00 lakh	Rs.0.50 lakh
Equipment	Rs. 4.00 lakhs	Rs.1.50 lakhs
Building	Rs. 0.70 lakh	Rs. 0.30 lakh

7.31.11 The list of equipment recommended may be seen in annexure XVII.

7.31.12 Specialisation of Staff.

I Priority : Readers 2 - Chemical spectroscopy/
theoretical chemistry-1 and
structural inorganic/solid
state inorganic chemistry-1

Lecture 3 - Chemical spectroscopy/
theoretical chemistry-1.

Solid state inorganic and/or
structural inorganic chemistry-2

II Priority: Reader-1 | Metabolism, neuro-chemistry,
| membranes or enzymology
Lecturer-1 |

7.31.13 Building will house the neutron source, one solvent storage room one lecture room and one cold room. Allocation for additional space for animal house has been provided under the department of zoology, which will also be used by the centre of life sciences.

7.32 Department of Botany:

7.32.1 1. The department of botany, established in 1919, offers courses leading to the degrees of B.Sc., B.Sc.(Hons), M.Sc. Ph.D. and D.Sc. The student enrolment during 1974-75 was: 571 in B.Sc./B.Sc.(Hons), 52 in M.Sc. and 50 in Ph.D. The teaching faculty consists of three professors, nine readers (one vacant), eight lecturers and two research associates. These include one professor, one reader and two research associates approved under special assistance programme, during the fourth plan period. All the twentytwo teachers have research qualifications. The post of one reader is vacant.

(p.t.o.)

7.32.2

The major areas of research are : (i) genetics, biochemistry, physiology and virology of blue green algae; (ii) water and air pollution, (iii) plan, microbial and production ecology; (iv) cytology and cytogenetics of algae and pteridophytes, and (v) mycology and plant pathology. The area of emphasis in research has been shifting from time to time. Initially it was a centre of research in physiology. Then there was a shift towards algology and then to ecology of higher plants, when Professor Bharadwaj and Professor Misra, respectively became head of the department. The main focus of attention presently has shifted back to algology. However at the level of Readers and Lecturers, there is a sizeable group of ecologists. The department has done well in research and during 1966-74, the faculty has published 352 research papers and 35 books and monographs, organised four summer institutes for college teachers, undertook 9 research projects sponsored by CSIR, AEC, PL 480, ICAR etc. and awarded 103 Ph.D. and 1 D.Sc. degrees. The departmental library stocks 3500 books and journals. The university subscribes to 24 journals.

7.32.3

The department modernised and updated the courses of study at both the undergraduate and postgraduate levels. Besides strengthening the existing teaching and research facilities, the department proposes to offer optional courses in biology and productivity of fresh water algae, and experimental phycology to M.Sc. final students in fifth plan.

7.32.4

The department deserves continued support under the special assistance programme of the UGC

7.32.5

The department requires further strengthening in the inter-disciplinary areas of physiological and biochemical aspects of botany, as well as in the ecology of higher plants. The Committee strongly recommends that the university should first try to find a person at the professorial level to continue and lead researches in algal physiology and biochemistry, since a professorship is due to fall vacant by the retirement of Professor R.N. Singh in a few months.

7.32.6

The laboratory needs to be further equipped with a gas chromatograph, an X-Y recorder, scintillation counter etc. Old equipments especially microscopes should be replaced. The Committee recommends that the recurring grant of the department may also be raised to Rs. 1.5 lakhs per annum including foreign exchange.

7.32.7

A special request was made for building four culture rooms with light and temperature control. Since no new building work is necessary the committee recommends a sum of Rs. 75,000 for (a) their fabrication within the existing premises, (b) purchase of air conditioning machinery and (c) its installation, as part of equipment.

(p.t.o.)

7.32.8

The recommendations of the committee are summarised as under :

	<u>I Priority</u>	<u>II Priority</u>
Staff	Reader-1 (Molecular Biology)	Professor-1 (Plant Ecology)
	Lecturer-1 (Electronics Technician-cum Instrument Mechanic-1)	-
	Senior Technical Assistant-1	
	Driver-1	
Books & Journals	Rs. 1.00 lakh	Rs. 0.50 lakh
Equipment (including spares)	Rs. 3.00 lakhs	Rs. 1.00 lakh
Field Trips (@Rs. 5000/- p.a.)	Rs. 0.15 lakh.	-
Fabrication, air conditioning and commissioning of culture rooms.	Rs. 0.75 lakh	-

7.33

Department of Zoology:

7.33.1

The department of Zoology was established in 1919. It offers courses for the degrees of B.Sc., B.Sc. (Hons.), M.Sc., Ph.D. and D.Sc. The student enrolment during 1974-75 was B.Sc./B.Sc.(Hons.) 450, M.Sc.60, and Ph.D.38. The teaching faculty consists of three professors, eight readers (four vacant) fifteen lecturers (three vacant) including one pool officer and one research assistant. The posts of one reader and one lecturer are vacant. This includes three readers and two lecturers provided under the special assistance programme of the UGC for three areas (a) cell physiology and biochemistry, (b) cytogenetics and (c) reproductive biology. Twenty teachers hold research degrees.

7.33.2

The major areas of research are : cell physiology and biochemistry, endocrinology and reproductive biology, cytogenetics, entomology, fish and fish biology and cell biology. During 1966-74, the faculty published 364 research

papers, organised three summer institutes for college teachers, awarded 49 Ph.D. and two D.Sc. degrees, and undertook about 20 research projects sponsored by CSIR, UGC, ICMR, Population Council, etc. The department has established collaborative research work with other research centres in India and abroad. The departmental library has a collection of 2400 volumes. Twenty five journals are also subscribed.

7.33.3

During the fifth plan it is proposed to strengthen and consolidate the existing teaching and research activities and to introduce new courses in microbiology, biostatistics, electron microscopy, animal behaviour, animal ecology and experimental embryology. The department also proposes to undertake areas studies in comparative endocrinology, cytotaxonomy, animal fauna and ecology. It has plans to offer a job-oriented course in biomedical techniques to B.Sc. graduates with botany and zoology. The department can offer this course without extra funds as it has expertise and equipment available for it.

7.33.4

It has been decided to abolish B.Sc. pass course and offer honours course w.e.f. 1976. The department has modernised the honours courses.

7.33.5

The department of zoology is quite active and has done high quality commendable work in cell physiology and biochemistry with particular reference to ageing problem, cytogenetics with reference to chromosomes and endocrinology and reproductive biology. Some interesting work has also been done on developmental aspects of insects. Funds being limited, it would be desirable to consolidate the good work being done in the areas recognised by UGC under special assistance programme.

7.33.6

The section dealing with cell physiology and biochemistry is being looked after by the present head of the department himself. The addition of a preparative (Beckman) ultracentrifuge will yield more useful results.

7.33.7

Similarly the section dealing with reproductive biology is fairly well staffed with two professors, two readers and six lecturers. Two UGC sanctioned research projects under Professor J.P. Thapliyal and Dr. T. Shama are underway. They should be allowed to continue on permanent basis and expenditure on it should be merged in the block grant and the technical/research staff absorbed in the department if justified by merit. The space in the animal house attached to this section is inadequate. If, therefore, the same is expanded, it will be used to house the animals not only for this section but also for the other researchers engaged in experimental work in the other sections of the department.

7.33.8

The section on cytogenetics is, at the moment, being looked after by only one reader and one lecturer. It will, therefore, be better if one professor is appointed to head this section. To strengthen it further, two posts of research assistants provided in this section may be surrendered and one additional lecturer in cytogenetics appointed, instead. An additional senior position in the field of ecology may be created to ensure collaboration with the sister department of botany where good work is already being done in this field.

7.33.9

For want of a qualified technician the electron microscope is not serving the purpose for which it was installed. A fully trained technician may be appointed to look after not only the electron microscope but also the other electronic equipment available in the department. Similarly some funds may be earmarked for the spares, replacement and repairs of the equipment in the department. The number of journals subscribed especially for the experimental work should be increased.

7.33.10

Some teachers who joined the department recently, do not have such essential equipment like research microscopes, microtomes and baths for research. It is suggested that each member of the faculty should be provided with the basic minimum equipment to work on and earmarked grant should be provided.

7.33.11

Rather than different groups trying to develop independent facilities required for their programmes, the department should make an integrated attempt to developing certain common facilities with a view to bringing about economy as well as effective utilisation. There should be coordination of efforts in teaching, research and use of facilities between the departments of botany and zoology as well as between them/the related biological science departments in the college of Agriculture and the College of Medical Sciences. The department used to participate in teaching programmes of biochemistry but this arrangement seems to have ceased of late. This is unfortunate.

7.33.12

The recommendations of the committee are summarised as under :

	<u>I Priority</u>	<u>II Priority</u>
Staff	Professor-1 (Cytogenetics)	Reader-1 (Ecology)
	Lecturer-1 (Cytogenetics)	-
	Technician-1 (Electronics)	-

(p. t. o)

Books & Journals	Rs. 1.00 lakh	Rs. 0.50 lakh
Equipment	Rs. 5.00 lakhs *	Rs. 0.50 lakh
Animal House and Museum	Rs. 1.00 lakh	-
Building (Laboratory)	Rs. 0.50 lakh	Rs. 0.50 lakh

* Includes Rs. 3.50 lakhs for the purchase of one analytical ultracentrifuge to be used as a central facility.

7.34 Department of Geology:

7.34.1

The department of geology, mining and metallurgy was established in 1921, and two years after it got its separate existence. The department prepares students for B. Sc., B.Sc.(Hons.), M.Sc. and Ph.D. degrees. The student enrolment in 1974-75 was B.Sc./B.Sc.(Hons.) 293, M.Sc. 50, and Ph.D. 25. The teaching faculty consists of three professors, five readers and 12 lecturers. Eighteen teachers possess research qualifications.

7.34.2

The major fields of research are: geochemistry, metamorphic petrology, sedimentary petrology, economic geology and mineralogy, micropaleontology, and invertebrate paleontology. Other areas in which researches are being conducted are geochronology, geothermics, geohydrology, igneous petrology, oceanography and paleontology, radiometry and structural geology. Besides pioneering researches, this department took the lead in fostering the growth of inter-disciplinary sciences. Thus glass and ceramics, geography and geophysics - all separate departments now - had their origin in the department of geology. During the fourth plan period, the faculty of the department published 108 research papers and seven books, undertook 43 research projects sponsored by CSIR, UGC, UP CSIR etc. awarded 26 Ph.D. degrees and revised and modernised syllabus at undergraduate as well as postgraduate levels. The departmental library has 1300 volumes and it subscribes to 27 journals.

7.34.3

At present the department occupies the unimaginatively designed first floor of the building constructed for geology and geophysics, where the staff and research scholars sit and work in highly cramped improvised cubicles leaving little room for laboratories and even lecture/seminar rooms. Space is urgently required for these.

(n.t.o.)

7.34.4

While the strength of the department can be indentified in the various research areas mentioned above, its weaknesses lie in the absence of an integration plan which could turn its vast advantage into truly productive ideas and programmes.

7.34.5

The fifth plan proposals aim at consolidating and strengthening the existing teaching and research facilities. It is also proposed to institute an M.Sc. degree course in geochemistry.

7.34.6

The committee feels that the M.Sc.(Geology) course should be restructured to concentrate on creating a solid in-depth background of basic geological subjects, necessary mathematics, statistics and thermodynamics as well as those aspects of earth sciences which are acquiring a crucial role today in integrated resource exploitation and planning such as photogeology, geophysics and systems management. The pattern suggested by UGC panel on earth science in 1975 may be adopted.

7.34.7

Once this philosophy of intensifying a core programme at the M.Sc. level is accepted, the wide collective capabilities of the faculty can be harnessed in designing a suitable post-M.Sc. course which will at once meet some of the special manpower needs of the country in priority areas of groundwater, mineral and energy resources as well as provide the necessary scope stimulation and motivation for keeping alive the intellectual capital of the department. A model is suggested in annexure XVIII which may be suitably modified as considered necessary.

7.34.8

Considering the prerequisite infrastructure needed for a such a course as well as facilities already being developed elsewhere, notably in the field of mineral exploration at the School of Mines, Dhanbad, it is felt that a one-year post-M.Sc. course in Fuel Field Geology would be the most suitable exercise to tap the existing potential of the department and to train geologists in a field yet untried elsewhere.

7.34.9

The committee makes the following recommendations for consolidation and for starting a one-year Post-M.Sc. course in Fuel Field Geology with an intake of not more than 15 students:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Professor-1	-
	Reader-2	Reader-2
	Lecturer-1	-
	Laboratory Technician-1	-

Studentship's	15		
Books & Journals	Rs. 0.50 lakh	Rs. 0.50 lakh	
Equipment	Rs. 2.00 lakhs	Rs. 1.00 lakh	
Building including fixtures etc.	Rs. 2.50 lakhs	-	
Field Work	Rs. 0.80 lakh	-	

7.34.10 Some studentships for the proposed one year post-M. Sc. courses may be provided with the help of organisations like ONGC apart from what may be provided by the UGC.

Specialisation of the Faculty

Professor	-	Sedimentary environments/petrology etc.
Reader	1	- Mathematical geology/ geotectonics/paleontology/
Lecturer	1	Geothermics and photogeology

7.35 Department of Geography

7.35.1 The department of Geography was established in 1946. It imparts instructions to undergraduate (arts and science) and post-graduate students and research scholars and for post-M. Sc. diploma courses in cartography and resources ecology with about 6 students in each course. The student enrolment during 1974-75 was BA/B. Sc. 833, M. Sc. 62, and Ph. D. 30. The faculty includes two professors, four readers and 12 lecturers. Fifteen teachers possess research qualifications.

7.35.2 In the initial years the emphasis was largely on developing the geomorphological aspects. Its strong points today are social and cultural geography with great potential in the field of integrated area development, provided effective inputs are introduced in systems theory and computer techniques. The department has a good tradition of publishing, especially through the quarterly journal, of the National Geographical Society. The faculty published 41 research papers/monographs and 3 books, including a publication on the regional geography of India. During the fourth plan, the department awarded 35 Ph. D. degrees and organised two summer institutes and four symposia/seminars. The departmental library has a collection of 2500 books and journals. It has 300 dissertations/Ph. D. theses, 200 volumes of journals, 250 project reports, 250 village survey reports etc. journals from 49 societies are received regularly.

7.35.3

The department may redesign its Master's courses so as to include systems theory, statistical techniques, simulation and computer applications as part of the core programme. This can be done by redesigning existing course contents without increasing the total quantum of papers, laboratory work and dissertation which, with the latter given a weight of at least 2 units, must be restricted to 20 as at present, involving a maximum of 25 hours a week of formal class room contact.

7.35.4

All the research activities of the department and much of training will benefit greatly from an efficiently organized information and data processing system which, inevitably would have to be computerized. This will underline the need for introducing the courses mentioned above and also call for short term condensed courses in these subjects for the benefit of the rest of the faculty, which may be organized with the assistance of the Mathematics department or in concert with other earth science departments.

7.35.5

The recommendations of the committee are summarised as under :

	<u>I Priority</u>	<u>II Priority</u>
Staff	Reader-2	Professor-1
	Map Curator-1	-
	Technical Assistant-1	-
Books & Journals	Rs. 0.50 lakh;	Rs. 0.25 lakh
Equipment	Rs. 1.00 lakh	Rs. 0.50 lakh
Building	Rs. 1.00 lakh	Rs. 1.00 lakh
Field Work	Rs. 0.20 lakh	Rs. 0.20 lakh

Specialization of Faculty

Professor - 1 Integrated Area Development

Reader - . 2 Information and Data Processing and Computer Applications and Statistical geosciences.

7.35.6

Grants should be made available only after suitable persons have been appointed in faculty positions for information system and the restructual courses.

(p.t.o.)

7.36 Department of Geophysics:

7.36.1

A division of geophysics was started as a part of a combined department of geology and geophysics in 1949. Along with the geophysics department of Andhra University created in the same year, B.H.U. became one of the first institutions to train geophysicists in this country at the postgraduate level. The division became a full-fledged separate department in 1961. It has rendered invaluable service in providing trained geophysicists to industry for over two decades. Its graduates today occupy some of the highest posts in Oil & Natural Gas Commission, Indian Meteorological Department and the universities.

7.36.2

The department is housed in the ground floor of the geology and geophysics building. It has adequate space at its disposal and it is well equipped with field and laboratory equipment needed for postgraduate instruction and research in applied geophysics and meteorology. About 20 students are annually trained for the 2-year M.Sc. degree, 15 specialising in applied geophysics and 5 in meteorology. The student enrolment in 1974-75 was M.Sc. 25 and Ph.D. 25. The faculty includes one professor, three readers (one vacant) and five lecturers (one vacant). Seven teachers possess research qualifications. Three of these are meteorologists and the remaining are exploration geophysicists. Twenty doctoral awards have been made since 1970, 8 in meteorology and the remaining in applied geophysics. About half of these were external students working in other organisations. Over 70 research papers were published in both meteorology and geophysics of which a good number appear in refereed journals.

7.36.3

Both the main subject areas of the department are inadequately staffed and the first need of the department is to build up faculty strength in both meteorology and applied geophysics.

7.36.4

Geophysics courses elsewhere in the country are of three-year duration after the B.Sc. degree because geophysics is an interdisciplinary technological subject which, apart from physics and geology, requires a high background of applied mathematics and electrical sciences and technology. Additionally, project-oriented courses, which to be worthwhile must be three to four times more intensive than a normal course must need be given to develop the essentially applied character of the subject. These requirements are difficult to fulfil during a course of two years. Considering these points, the earth science panel of the UGC has recommended that the two-year M.Sc. Courses in Geophysics at B.H.U. be converted to three year duration so as to do adequate justice to the subject and to fall in line with those given elsewhere in the country.

In view of the manifest desirability of converting the two-year M.Sc. Course into three-year course leading to M.Sc.(Tech.) or M.Phil. degree, it is recommended that a core programme common to both applied geophysics and meteorology be developed so as to include the following subjects which may be suitably spread over the first and second year of the courses, mostly in the former.

Core Programme:

1. Mathematics	3 Units
2. Electronics (Including Laboratory)	2 Units
3. Communication theory and data processing	1 Unit
4. Theory of fields	1 Unit
5. Physics of the solid earth	1 Unit
6. Geoplotation/Physics of the Air.	1 Unit
Total core courses:	<u>9 Units</u>

Other Courses

7. Comprehensive viva-voce	1 Unit
8. Project oriented thesis	3 Units
9. Seminar/Open paper	<u>1 Unit</u>
	14 Units
10. Electives in Applied Geophysics/Meteorology	3 Units
11. Various aspects of Geophysical technology/Meteorology	13 Units
	<u>30 Units</u>

As a sequel to these recommendations the following be made available to the department for the two sections of applied geophysics and meteorology in addition to the faculty positions and facilities presently available to each section :

	<u>I Priority</u>	<u>II Priority</u>
(a) <u>Applied Geophysics</u>		
Staff	Professor-1 Lecturer-1 Technician-1 (Mech-cum-Driver)	-
Equipment	Rs. 1.00 lakh	Rs. 0.50 lakh
Field Work	Rs. 0.75 lakh	-

(p.t.o.)

	<u>I Priority</u>	<u>II Priority</u>
(b) <u>Meteorology</u>		
Staff	Reader-2 Lecturer-2 Lab. Tech(Elec.)-1	-
Equipment	Rs. 1.00 lakh	-
Field Work	Rs. 0.50 lakh	-
(c) <u>Common Facilities</u> (Consolidation)		
Staff	Reader-1 (Mathematical Geophysics/ Meteorology) Lecturer-1 (Communication system and data Processing).	-
Equipment	Rs. 0.50 lakh	Rs. 1.00 lakh
Books & Journals	Rs. 0.60 lakh	Rs. 0.30 lakh
Building	Rs. 0.25 lakh	-

7.36.6 The posts under the common facilities are specially recommended to strengthen the common core-programme and will not be available for alternative specializations.

7.37 Department of Mathematics & Statistics

7.37.1 The department of mathematics and statistics, established in 1917, offers courses leading to the degrees of B.A., BA(Hons), B.Sc., B.Sc.(Hons), M.A., M.Sc., Ph.D. and D.Sc. and diploma course in statistical methods. The student enrolment during 1974-75 was: BA/BSc (Pass & Hons.) 714, MA/M.Sc. 288, and Ph.D.73. The teaching faculty constitutes four professors, eight readers and 20 lecturers (four vacant), including two professors, one reader and eight lecturers for statistical section of the department. Two posts of lecturer (one each in mathematics and statistics) are vacant. Six pool officers also assist in the teaching work. Twenty teachers hold research degrees.

7.37.2 The major fields of research are in special functions, integral transforms, topology, modern algebra, differential manifolds, classical analysis, lattice theory, magnetofluid mechanics, relativity, unified field theories, cosmology, elementary particles and quantum mechanics, statistical mechanics, turbulence theory, fluid mechanics, heat and mass

summability theory, functional analysis,
numerical analysis,

(p.t.o.)

transfer in mathematics and probability models, demography, econometrics, inference, sampling and design of experiments in statistics. During the fourth plan period, the faculty and research scholars of the department published 1062 research papers (including 150 in statistics) organised three summer institutes and two seminars/symposia and a number of research projects sponsored by various organisations were undertaken by the department. The number of Ph.D. degree awarded during 1966-74 was 71.

7.37.3

A Demographic Research Centre has been functioning since 1969. There are two senior research fellows, two junior research fellows, two senior research assistants and a field assistant-cum-driver for carrying out the research survey and teaching and training in population statistics. The centre brought out 85 publications three technical reports and three seminars volumes during the last five years.

7.37.4

The data processing unit attached to the statistical laboratory have 40 and 80 column sorter, verifier and punching machines and 40 hand calculating machines. The laboratory has one technician and two laboratory assistants.

7.37.5

The committee was informed that the teaching load of the present staff was very heavy and for want of adequate staff the faculty of department was not in a position to hold seminars and tutorials, and many of the 26 optional papers laid down in the courses could not be provided. The department proposed to start courses like operations research, biomathematics, astrophysics, astronomy and computer science, during the fifth plan. It was pleaded that the research staff attached to the Demographic Research Centre may be absorbed in the department. Another proposal discussed with the Committee was the creation of an Institute (or Faculty) of Mathematical Sciences comprising the departments of (i) mathematics, (ii) Statistics (proposed bifurcation of the present department), (iii) optimization (iv) computer science and (v) engineering mathematics.

7.37.6

The committee feels that the admission of BA/B.Sc. Pass course students to the M.A.M.Sc. course cannot but adversely affect the standard of postgraduate courses. About 20 specialisations in mathematics and five specialisations in statistics are being provided. Effort should be made to define a small number of trust areas. The demand for the separation of statistics into a full fledged department, goes counter to the desire to have an advanced level institute of mathematical sciences. The committee does not support this move. Mathematics and Statistics sections should have some core courses in common, which should be possible, especially if course units are made smaller. The department should take effective steps to ensure lively interaction between it and the departments of physics, geology, geophysics, economics, botany, zoology etc.

(p.t.o.)

7.37.7 The committee was surprised to hear that the department had difficulty in getting material typed and in paying for postage. The university may look into this and provide the necessary facilities.

7.37.8 Regarding the absorption of the research staff of the Demographic Research Centre into the department, the Committee clarified that research fellows/assistants are not to be considered as permanent employees. Some research fellowships could however be made available to the department on the basis of specific research proposals, for which the UGC may be approached separately.

7.37.9 The recommendations of the committee are as under :

	<u>I Priority</u>	<u>II Priority</u>
Staff	Readers- 2 (Modern areas of Pure Maths)	Readers- 2 (Applied Statistics/ Operational Research Demography)
Books & Journals	Rs. 0.50 lakh	Rs. 0.35 lakh
Equipment, Calculating Machines etc.	Rs. 0.80 lakh	Rs. 0.30 lakh
Field work	Rs. 0.15 lakh (for Demography)	
Building	Rs. 1.00 lakh	Rs. 0.50 lakh

7.37.10 The department's request for the purchase of Xerox machine, microfilm reader etc. should form part of the central facility located in the central library.

7.38 Computer Science Centre:

7.38.1 The University has asked for two professors, four readers and two lecturers, two senior system programmer (one for development and one for facility) and two junior system programmers and some non-academic staff for starting a post-graduate programme in Computer Science Centre in fifth plan. The UGC has already approved the setting up the Centre, and the university has initiated the necessary action. The precise staff will have to be decided by the Computer Committee of the UGC. However, to define the financial allocation, the committee recommends the posts of one professor, two readers and two lecturers as anticipated core staff during the fifth plan period.

7.39 Centre for Life Sciences

7.39.1. With advances in basic disciplines like physics and chemistry particularly in their relationship with biology, there has been a revolution in the approach towards the teaching and research in biology. At least at the international level the traditional disciplines like anatomy, histology and taxonomy have given way to newer ones such as molecular biology, biochemistry, biophysics immunology, neurophysiology etc. These developments of biology in most Indian universities which still continue to compartmentalise this subject area into the two disciplines of botany and zoology, with little interaction between them and with hardly any research effort towards the more challenging interdisciplinary areas.

*un-
fortunately
have
almost
completely
bypassed
the treatment.

7.39.2. The committee welcomes the proposal of the Banaras Hindu University to establish a centre of Life Sciences as a means of progressively building up the desirable level of interaction between different branches of these sciences, developing interdisciplinary teaching and research and introducing the newer disciplines which have merged in this area. However, since ideas concerning the proposed centre are still to be crystallised among the concerned teachers and the necessary structural changes within the university are yet to be executed, the committee cannot commit itself to any extensive outlay at this stage. The committee would recommend to the Commission to create positions of one reader in biochemistry and three lecturers in life sciences and of some laboratory and technical staff for working at the centre. Our understanding is that the staff would belong either to the proposed centre or to the three parent departments - one each in botany and zoology and one Reader and one Lecturer in biochemistry who would participate in the development of a M.Sc. course in life sciences as an activity of the centre. Their major duty would be to develop and under the auspices of the Centre interdisciplinary teaching programmes between the concerned departments in association with more senior faculty members, but if teaching loads are reasonable they should certainly develop such courses even within their own existing departments. At the present time we do not recommend a separate professorship and our view is that professor from amongst the existing departments should be appointed as a coordinator. A building to house a lecture room, two laboratories for the proposed M.Sc. programme in life sciences, a research laboratory for possible use by new appointees, a small workshop, a cold room and a service laboratory to house more expensive instruments, a room for the professor-in-charge and another for the office staff. As far as possible, this building should be built in close vicinity of the participating departments. The costly and major equipment available in the concerned departments would be made available to this centre as a central facility.

/who

7.39.3. The recommendations of the committee are as under:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Reader-1 (Biochemistry) Lecturer-3 (One each in botany, bio- chemistry & zoology) Technician-1 Lab. Asstt.-1 Lab. Attendants-2 Clerk-1	-
Books & Journals	Rs. 0.50 lakh	-
Equipment*	-	Rs. 4.00 lakhs
Laboratory Grant	Rs. 0.50 lakh	-
Building**	-	Rs. 3.00 lakhs

7.39.4. This grant should be sanctioned only when the university has formulated a detailed concrete proposal concerning the course and the necessary teaching arrangements have been approved by the UGC.

** Includes two M.Sc. Labs., one instrument room, one cold room, a workshop, a library, a seminar room, one lecture room, one store room and office.

* Equipment as obtaining in various departments may be used as central facility. An allocation of Rs. 4.00 lakhs has been made for the purchase of an amino acid analyser in second priority.

Central Workshop and Central Instrumental Facilities

7.40 Central Workshop

7.40.1 . The existing machine shop in the faculty of science is reasonably well-equipped and has (i) lathe machine with its accessories, (ii) metric shape lathe, (iii) spindle floor press, (iv) pedestal grinder, (v) universal grinder (vi) universal tool and cutter grinder, (vii) surface grinder machine, (viii) centreless grinding machine (ix) universal combination milling machine, (x) hydraulic shaper, (xi) Screw machine, (xii) pipe-cutting machine, (xiii) hacksaw machine, (xiv) winding machine (xv) wood-working machine (xvi) spot welder, and (xvii) saw machine. This workshop is managed by one assistant foreman, two senior technical assistants, one technician, one mechanic, one fine mechanic, one senior and one junior workshop assistant and a tool cutter. The recurring grant to this workshop is Rs. 10,000/- p.a. The committee recommends that this should be raised to Rs. 20,000/- p.a.

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7.40.2. This workshop is housed in a building borrowed from the Chemistry department, which itself is hard pressed for space. The university has proposed an allocation of Rs. three lakhs for the building of this shop. An allocation of Rs. two lakhs is requested for the purchase of equipment for this shop.

7.40.3. The university has also requested for the following allocation for the electronics workshop, the glass-blowing shop and the optics shops proposed to be set up during the current plan period :

	Electronics workshop	Glass Blowing shop	Optics shop
Staff	Electronic Engg.-1 Foreman-2 Asstt. Foreman-1 STA-4 JTA-6 Storekeeper-1 Lab. Asstt-2 Typist-1	Glass Blower (STA)-2	STA-1 JTA-1
Equipment	Rs. 15.00 lakhs	Rs. 2.50 lakhs	Rs.2.00 lakhs
Recurring grant	-	Rs. 0.75 lakh (Rs.25,000/- p.a.)	Rs.0.75 lakh

7.40.4. The total amount (NR+R) requested for these four shops is Rs. 51.50 lakhs (Rs.24.50 lakhs NR + 27.00 lakhs R)

7.41 Central Instrumentation Facilities

7.41.1. In addition the shrenghthening of the central workshop, the Banaras Hindu University has proposed the setting-up of a Central Sophisticated Instruments Laboratory with a view to (i) providing high quality analytical as well as servicing facilities to its research personnel of various faculties; (ii) making the sophisticated instruments available to the universities and industries in the adjoining states; and (iii) offering education in instrumentation. The non-recurring development cost of the laboratory is estimated at Rs. 175.50 lakhs as detailed below :

	Phase I (1976-77)	Phase II (1977-78)	Phase III (1978-79)	Total (1976-79)
	(Rupees in lakhs)			
1. Equipment				
(a) General	8.00	3.00	-	11.00
(b) Physical Sciences	26.00	17.00	20.00	63.00
(c) Life Sciences	15.00	8.00	14.00	37.00

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	(d) Materials Sciences & engineering	13.00	13.00	9.00	40.00
	(e) Accessories for existing equipment	8.50	2.50	4.00	15.00
7.	2. Building & furnishing	6.00	-	1.00	7.00
	3. Air conditioning	2.00	0.50	-	2.50
	Total:	78.50	49.00	48.00	175.50

7.41.2. In addition an amount Rs. 6.00 lakhs has been requested for contingencies @ Rs.2.00 lakhs per year. The laboratories are proposed to be manned by 18 senior technical assistants @ six STAs in each phase.

7.41.3. The list of the equipment and instruments costing over Rs. 25,000 and that acquired under dollar loan programme available with various departments in the faculty of science which could be indentified for use as a central instrumentation facility is given in annexures XIX and XX. In addition, the university has number of electron microscopes available in the faculties of medicine, agriculture and engineering and technology. Instrumentation/workshop facilities also exist in the faculty of engineering and technology in the campus.

7.41.4. It was noted that the university has ordered a mass spectrometer at a cost of Rs.13.00 lakhs mainly for use by the faculty of engineering and technology. It was pleaded by the university that the mass spectrometer would be used by the faculty of science also. The matter was discussed with the faculty in the science departments who felt that this equipment would not be of much use to the faculty of science. It is understood that the mass spectrometer has already been received in February 1976. The committee is of the view that the allocation charged for the mass spectrometer should not be made a first charge on the general development funds of the university. It could appropriately be a charge on the funds earmarked for the development of engineering and technology. The UGC may therefore take appropriate action to charge it to technology funds.

7.41.5. The Committee feels that the plan for the establishment of central instrumentation facilities laboratory is over ambitious in terms of building, equipment, workshop and personnel required to man these. The proposed plan is for an entirely new structure - in fact, a new department. The committee considered a proposal of this magnitude to be outside the purview of the fifth plan grants. However, since the University Grants Commission has a separate programme for the development of Instrumentation Centres in the country, the

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 and that there was hardly any local expertise to utilise this equipment in the science departments.

committee would like to record that in view of the large number of sophisticated instruments which exist in this university, and in view of the tradition it has of fabrication of various items in its workshops, there exists the infrastructure for creation of a Regional Instrumentation Centre. This may be taken into account by the University Grants Commission when it considers proposals for Instrumentations Centres. The centre can also organise training programmes for technical staff in the colleges and university departments. The centre can even award degrees, for such work will attract many skillful students.

7.41.6. There is a central analytical sciences laboratory being operated by the department of chemistry. The equipment was provided by the UGC some 2-3 years ago. One or two pieces of equipment may be added to this laboratory and this laboratory could be the nucleus for the central sophisticated instruments laboratory.

7.41.7. The effective maintenance of all instruments, irrespective of the departments in which they may be housed and the optimum utilisation of such instruments as are of use to more than one department, are the two problems which should continuously engage the attention of the university. It will be seen from annexures XIX and XX that at least 15 major pieces of equipment and instruments have not been in proper use, and are lying idle for want of repairs, spares and maintenance. The university should review the maintenance plans as are being implemented in the departments so that a machinery is created for ensuring effective maintenance. A central equipment maintenance unit may be created for maintaining all equipment in the university.

7.41.8. The optimum utilisation of such equipment as can be used by more than one department requires the collaboration of departments and careful planning by a committee of users representing the different users of the departments.

7.41.9. Elsewhere in this report, the committee has recommended certain central facilities equipment instruments etc., which are to be of use to two or more concerned departments. These central facilities should come under the overall supervision of committee of users.

7.41.10. The committee makes the following additional recommendations:

	<u>I Priority</u>	<u>II Priority</u>
<u>Central Facilities Equipment</u>		
(i) ESR Electrophoretometer (located in chemistry department)	Rs. 10.00 lakhs	-
(ii) Amino acid analyser (to be located in Life Sciences)	-	Rs. 4.00 lakhs
(iii) Analytical Ultra-centrifuge (already provided under zoology deptt.)	Rs. 0.30 lakh	-
Recurring grant for workshop		

7.42. Institute of Earth Sciences

7.42.1 The committee carefully considered the proposal of welding the existing departments of geology, geography and geophysics into an Institute of Earth Sciences but felt that there was not sufficient common ground developed by these departments to benefit them mutually through an institutional union. All three departments still needed to create a culture of multichannel flexible courses and meaningful core programmes to warrant such a step. Furthermore, strong backgrounds of mathematical and computer applications and systems theory which are required to lend a new dimension to interdisciplinary efforts, are still to be developed in each of the three departments.

7.42.2. The committee therefore considered it imperative that the respective bases of these three disciplines are strengthened first and it hopes that once these have been accomplished through the new developmental inputs recommended for them, the respective departments would inevitably seek new grounds of interaction between them in the course of genuine intellectual curiosity and in the pursuit of development of natural sciences.

7.43. Proposal for the Development of Home Science

7.43.1. Home science has been offered since 1960 as one of the three subjects of the optional group in the BA/B.Sc. pass course in the Mahila Mahavidyalaya. The number of students offering this course has risen from 70 in 1960-61 to 200 in 1974-75. One reader, three lecturers and one instructor form faculty for teaching this course. There are two laboratories - one for foods and the other for clothing construction. The courses offered are food, nutrition and dietetics (Paper I) and bacteriology (Paper II) in Part I; home management, textiles, clothes and laundry (Paper III), hygiene and sanitation (Paper IV) in Part II; and mother craft, care of children (Paper V) and child psychology (Paper VI) in Part III. In each part there is one paper for practical. The library of Mahavidyalaya is inadequate for existing home science programme.

7.43.2. The university wants to set-up a department of home science under the faculty of science for (i) restructuring the subsidiary course in home science at the BA/B.Sc. pass course level and its consolidation; (ii) instituting degree courses (B.Sc. pass and B.Sc./BA Hons.) in Home Science, M.Sc. (Home science) courses in the fields of foods, nutrition, home management and child development. The estimated requirements are one professor, five readers, five lecturers and non-academic staff.

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7.43.3 The Committee noted that the proposal lacked the level of care and vigour required in planning the development of a programme of professional education in Home Science that it did not include adequate plans for consolidating and developing the existing undergraduate programme though the syllabi for the postgraduate programme have been drawn in detail that the specification, types etc. of laboratories, lecture rooms, space allocation etc. were not spelt out in detail that the estimates/allocation were not quite realistic that there was no careful assessment of the national requirement of persons with specialised training in Home Science or of the precise contribution which the university was expecting to make and that the requirements of faculty in term of numbers and specialised training in Home Science or of the precise contribution which the university was expecting to make and that the requirements of faculty in term of numbers and specialisation were not carefully worked out. The University may prepare such a detailed plan with proper financial estimates and present the same to the Commission as a part of the proposals for next plan period.

7.43.4. The home science department in the Mahila Mahavidyalaya utilised an amount of Rs.25,000/- out of the allocation of Rs.57,000/- made for the department during the fourth plan period. The balance of Rs.32,000/- was spent on other items in the Mahavidyalaya. This is a serious matter especially when the money could have been used for purchasing equipment relating to home science.

7.43.5. The present programme at the Mahila Mahavidyalaya needs modification to make the curriculum comprehensive and of a level required for a full degree in Home Science. The location of the existing facilities may not permit any extension. Adequate library and laboratory facilities would have to be created in a new building.

7.43.6 The committee recommends that the undergraduate programme in home science should be consolidated and strengthened during the current plan period before a programme for instituting degree courses in home science could be planned. Such programmes may be initiated during the next plan period for which as stated earlier, the university may prepare a well considered and detailed plan for establishing a department or college of home science.

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FACULTY OF ORIENTAL LEARNING AND THEOLOGY

7.44.1 The faculty of oriental learning and theology was established in 1918. It offers courses leading to the degrees of Madhyama, Shastri/Karmakanda Shastri, Purohitya Patna, Acharya, Chakravortii (Ph.D) and Vachaspati (D. Litt). It has seven departments namely (i) theology (veda), (ii) Vyakarana (iii) Sahitya, (iv) Jyotish, (v) dharmshastra mimansa, (vi) darshan and (vii) religious instructions. The student enrolment during 1974-75 was : Madhyama 112, Shastri/Karmakanda Shastri 136, Purohitya Ratna/Acharya 70 and Chakravortii (8). The faculty includes three professors, 11 readers, 16 lecturers and two other research-cum-teaching members. Ten members of the faculty have research qualifications. The distribution of staff and enrolment in 1974-75 is given below:-

Department	Staff				Enrolment						
	P	R	L	Others	Total	Ph.Ds.	PUC	UG	PG	Research	Total
Theology (Veda)	1	-	2	1	4	1	17	10	6	2	35
Vyakarana	1	2	1	1	5	2	28	15	12	1	56
Sahitya	-	1	3	-	4	3	33	37	22	-	92
Jyotish	1	1	1	-	3	1	29	19	6	3	57
Dharmshastra Mimansa	-	2	2	-	4	1	-	25	9	1	35
Darshan	-	5	5	-	10	1	5	30	15	1	51
Religious Instruction	-	-	2	-	2	1	Teaches religious instruction in the university.				
	3	11	16	2	32	10	112	136	70	8	326

7.44.2.

During the fourth plan period, the faculty published 177 research papers/articles and 18 books and monographs, and awarded three chakravortii (Ph.D) degrees. The Panchanga published by the Jyotish department has acquired the reputation of being a standard almanac of the country. The faculty has made notable contribution to the preservation and propagation of the traditional Sanskrit heritage, and has on its staff a galaxy of illustrious pandits.

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7.44.3 This faculty represent several areas of classical Indian Learning and in each/many sub-divisions. For example, Darsana has six sub-divisions corresponding to the six systems of Hindu Philosophy. There is little interaction between this faculty and other related faculties in the university as is not unusual for a faculty of classical learning in other Indian universities. The preservation of the treasures of classical Indian wisdom, their presentation in modern current languages and ideom, the critical edition of the immense classical literature in which these treasures are available and systematic analysis of this inheritance are of great value to our times. For the effective fulfillment of this task, it is important that traditional scholarship should be fully utilised and placed in a situation of close interaction with other related scholars.

7.44.4. As mass of literature, especially that of tantra, vastutantra, astronomy, ayurveda, etc. still lies unexplored or untopped in the collections of many libraries in India and abroad, the texts relating to these branches should be brought to light and studied properly. This faculty can contribute best by editing and publishing rare and important, classical texts in the various fields and providing their translations in Hindi, or English, whichever is possible in forms of the linguistic competence of the experts. Unless the classics are translated, they are not going to be extensively used. Therefore, the faculty has to be encouraged to undertake such publication and translation projects as its major work.

7.44.5 The number of students in the areas of theology and oriental learning is not large. As their employment opportunities are very few therefore even if they are attracted by the grant of scholarship, the problem of their gainful employment still remains. Productivity in respect of employable students will never be a strong point of this department in the present circumstances.

7.44.6. In fact if the number of students decreases it should not be considered as disparaging for the faculty. What is really important at this stage is to encourage interaction between these students and their / in related departments, particularly in research. At present, there is not much contact between this faculty and even the Sanskrit department with which it should have large areas of overlapping interest, or the Philosophy department which is heavily oriented towards classical Indian Philosophy. The university may appoint a cordination committee for developing research on inter-departmental basis and there may be joint supervision of various research projects.

7.44.7. This department has a lot of emotional and historical significance for Banaras Hindu University. Its continuance and the preservation of its vitality depend on its adaptation to changing times and its usefulness. It is recommended that some one

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is inducted into the faculty in the rank of Professor, who has the ability to organise, plan and co-ordinate editorial and translation work on a massive scale, so that the rare and invaluable classics are made available to the wider reading public in their authenticated and translated forms. This will not, however, satisfy the teachers who expect promotions to the next higher rank. It is recommended that personal promotion, as a special case, should be made available to them.

7.44.8 The recommendations of the committee are as below:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Professor - 1 (Sahitya/Mimansa)	Reader - 1 (Veda/Jyotish)
	Lecturer - 1 (Veda)	Lecturer -1 (Jyotish)
	Superintendent - 1 (publication)	Stenotypist -2 (English 1, Hindi-1)
	Research Asstt.-- 1	
Books and Manuscripts	Rs.20,000	Rs.10,000
Publications of rare texts	Rs.1,00 lakh	Rs.50,000
Equipment	Rs.10,000	Rs.5,000

7.44.9 One of the professors should act as director of the faculty to coordinate, plan and direct editorial translation and publication work.

In addition, the committee recommends that the following posts may be provided by personal promotion:

Professor - one

Reader - Two

7.44.10. After this scheme is implemented, an expert committee may be appointed by the UGC to examine in depth the working of the department and suggest its future shape.

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FACULTY OF MUSIC AND FINE ARTS

7.45. Sangit Mahavidyalaya

7.45.1. The college of Music and Fine Arts was established in 1950. The college started with B. Mus. courses. In 1957 it introduced postgraduate courses in vocal music and then in instrumental music. In 1961, doctoral courses in vocal and instrumental were started. At the beginning of the fourth plan the college was bifurcated into Sangit Mahavidyalaya and the Lalit Kala Mahavidyalaya.

7.45.2. The Sangit Mahavidyalaya was reorganised into three departments, viz. department of instrumental music, department of vocal music and department of musicology. This mahavidyalaya prepares students for the courses leading to the following degrees and diplomas:-

- (i) Three-year B. Mus. degree course
- (ii) Two-year M. Mus. degree course
- (iii) Five-year integrated B. Mus(Hons) course in (a) vocal, and (b) instrumental music.
- (iv) Two-year M. Musicology degree course
- (v) Two-year D. Mus. degree course
- (vi) Ph.D. by research
- (vii) Three-year diploma course in (a) vocal, and (b) instrumental music (sitar, violin, flute, sarod and tabla)
- (viii) Three-year diploma course in Karnatic Music in (a) vocal, and (b) instrumental (violin, veena and mridangam)
- (ix) Two-year diploma course in music appreciation
- (x) Two-year diploma course in Bharat natyam(dance)

The mahavidyalaya had a student-enrolment of 23 in undergraduate degree courses, 17 in postgraduate degree courses, 12 in research and 205 in various diploma courses in 1974-75. The faculty consisted of one professor, five readers, 8 lecturers and 8 instrument players. Eight teachers possess research qualifications. The distribution of faculty and students in 1974-75 is shown below:

Department	Staff				Enrolment					
	P	R	L	Total	Ph.Ds.	Under-graduate	Post-graduate	Res-earch	Dip-loma	Total
1. Instrumental Music	1	2	9	12	4	15	9	6	144	174
2. Vocal Music	-	2	6	8	3	8	6	3	58	75
3. Musicology	-	1	1*	2	1	-	2	3	3	8
	1	5	16	22	8	23	17	12	205	257

*Dance Instructor

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- 7.45.3. The figure on pre-page does not take account of 282 students in Lalit Kala Mahavidyalaya pursuing undergraduate and postgraduate courses in painting, plastic art and applied art, with two professor, three readers, nine lecturers and four instructors on the staff.
- 7.45.4. The major areas of research in the department of musicology are theory, history and philosophy of Indian music. The department has undertaken a UGC sponsored project for preparing an English translation of Sangit Ratnakar with critical annotation and comments. The department has done pioneering work in establishing a tradition of the study of original Sanskrit texts of Sangit Shastra, insisting on the first hand study of primary sources. Research is also progressing in the fields of instrumental and vocal music. During the fourth plan period, the faculty published over 50 research papers and 11 books, organised a seminar on university music education, reorganised the courses of study and introduced new methods of teaching music. A project for the collection of vedic songs and devotional (religious) songs has been under implementation since 1973. During 1966-74 the output of Ph.D. and D.Mis. degrees was 10 and 8 respectively. The sangit mahavidyalaya library has a collection of about 1000 books, unpublished manuscripts on music and a microfilm reader. One post of lecturer and one accompanist (mridangam) approved in IV Plan were not filled and have since lapsed.
- 7.45.5 During the fifth plan period, the university proposes to consolidate the existing teaching and research facilities. It is also intended to prepare a Dictionary of Indian Music. The proposed dictionary will touch various allied branches of learning e.g. phonetics, linguistics, serventi, grammar, literature, prosody, philosophy, vedic ritual, yoga, tantra, drama etc. It is also intended to start a department of dance and dramatics.
- 7.45.6 The committee feels that this unit was ignored, in the last plan. Good work is being done in the three different departments of vocal music instrumental music and musicology. Shortage of accommodation is the major difficulty being faced by these departments. Their needs in this respect are genuine, because large number of class rooms and practice rooms are needed. The department of musicology at present is housed in a separate building and it would be fruitful from the point of view of interaction between theory and practice to have this department move into the present building after additional space has been added.
- 7.45.7 It would be useful to offer a general course in music appreciation for the university community or the community from the town. This could be done with relative ease since these departments function for most part from the afternoon onwards.

7.45.8 The starting of the department of dance and drama should be deferred till the next plan. However, a beginning could be made by filling the post of lecturer in Bharat Natyam which was sanctioned in fourth plan, but not filled. This post may be revived.

7.45.9 The committee felt considered about the status, designation and pay scales of the tabla players, and other accompanists/instrument players. The UGC may review the whole position and accord them better status, designation and salary scales.

7.45.10. The committee makes the following recommendations:

	<u>I Priority</u>	<u>II Priority</u>
Staff	Professor - 1 (Vocal Music) Reader -1 (Instrumental Music) Lecturer-1 (Bharatnatyam) Accompanist-1 (Mridangam)	Professor -1 (Musicology) Lecturer -1 (Kathak) (Tabla)Accompanist-1
Books & Journals	Rs.10,000	Rs.5,000
Equipment & tapes	Rs.20,000	Rs.10,000
Building	Rs.1.00 lakhs	Rs.50,000

7.45.11 The requirements of the departments in the Lalit Kala Mahavidyalaya will be assessed by another committee of the UGC in collaboration with AICTE.

FACULTY OF COMMERCE AND MANAGEMENT STUDIES

7.46. Department of Commerce

7,46.1 The department of commerce was established in 1940. It offers courses leading to the degrees of B.Com., M.Com. and Ph.D. The student enrolment during 1974-75 was: B.Com. 660, M.Com. 171 and Ph.D. 11. The faculty includes one professor, four readers and 15 lecturers (five vacant). Eight teachers hold research qualifications.

7.46.2 The major areas of research are: finances and accounting, marketing, general management, industrial and applied economics,

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and personnel. The special papers offered at postgraduate stage are : business taxation, labour economics and personnel management, and thesis (research methodology and practical training). During the period 1960-74 the faculty published 85 research papers and 85 books, undertook six sponsored research projects and awarded 11 Ph.D. degrees. The departmental library has a collection of 3500 books and journals and subscribes to 65 journals.

7.46.3 During the fifth plan period, the university proposed to consolidate existing facilities for teaching and research with a view to raising the standard. It intends to start a section each imparting instructions in English medium at M.Com. and B.Com. levels. It is also proposed to introduce B.Com.(Hons.) and M.Litt. courses, and new electives at undergraduate and postgraduate levels. Towards the expansion of facilities, the university proposes (i) to organise on a continuing basis extension and work-experience programmes for commerce teachers; (ii) introduce correspondence courses; and (iii) introduce diploma courses in office management, secretarial work, banking and insurance etc.

7.46.4. On the recommendation of an advisory council appointed by the Banaras Hindu University in 1967-68, admission to B.Com. courses were stopped from 1968-69 and instead courses in Bachelor of Business Management (B.B.M.) and Master of Business Management (M.B.M) were started from that year. But under local pressure admissions for B.Com. courses were restarted w.e.f. the 1970-71 session. The enrolment in B.Com. courses increased from 136 students in 1970-71 to 660 in 1974-75. The admissions to B.B.M. course were discontinued from 1972-73 as a sequel to the recommendation of the U.G.C. The department was bifurcated into department of commerce and department of business management. The assessment of the requirements of department of business management will be made by a separate committee of the UGC. The faculty in position was one professor four readers and 11 lecturers.

7.46.5 From 1973-74 session there was a switch back to the annual examination system from the semester system.

7.46.6 Due to enormous rise in enrolment, there is shortage of accommodation and the department works, in shifts, from early the morning till 9.00 PM.

7.46.7 The committee feels that the department should concentrate on consolidating the existing facilities and should not embark upon expansion etc.

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7.46.8. The committee makes the following recommendations :

	<u>I Priority</u>	<u>II Priority</u>
Staff	Professor +1	-
Books and Journals	Rs. 30,000	Rs. 10,000
Equipment	Rs. 5,000	-

FACTULTY OF LAW.

7.47. Department of law.

7.47.1. The department of law was established in 1923. It offers courses leading to the degrees of LL.B., LL.M. and LL.D. The student enrolment during 1974-75 was LL.B. 600, LL.M. 15 and LL.D. 2. The faculty includes three professors, 10 readers, 19 lecturers and three part-time lecturers. Nine teachers possess research qualification while all others hold LL.M. degrees. It is understood that two readers and one lecturer were not in position at the time of the visit.

7.47.2. The areas of specialisation are international law, labour law, taxation, business administrative law and criminal law. During the fourth plan period, the faculty published 137 research articles, 18 books, 20 case comments and half yearly Banaras Law Journal continued its publication. During 1966-74, 48 LL.M. dissertations were submitted. The department reorganised the courses of study for LL.B. as well as LL.M. course.

7.47.3. The faculty of law library, one of the best in the country, has on stock 26000 books and journals. It subscribes to 65 law journals. It has 100 reading seats. It has good collection of materials on international law and organisations. The central library is recognised as UN Depository Library containing UN and League of Nation documents.

7.47.4. During the fifth plan period the department proposes to consolidate the LL.B. teaching and to develop and reorganise LL.M. teaching and to offer specialisation in mercantile law, constitutional and administrative law, jurisprudence, personal law etc., and intends to set up a centre for legal studies and research.

7.47.5. There appear to be certain gaps such as jurisprudence, Hindu Law etc. in the present teaching programme of the department. The existing vacancies should be filled from the experts in such areas. The department should adopt an interdisciplinary approach and undertake studies in collaboration with scientists and social scientists for such areas as law and social change, law and consumer law and environments etc.

7.47.6. The committee makes the following recommendation:

	<u>I Priority</u>	<u>II Priority</u>
Books & Journals :	Rs. 1.00 lakh	Rs. 0.50 lakh.

FACULTY OF EDUCATION

7.47.1

The department of teacher training was established in 1918. It was converted into department of education under the charge of a faculty of education in 1967 in Kamachha college campus. It offers courses leading to three degree of B.Ed., M.Ed. and Ph.D. The student enrolment during 1974-75 was B.Ed. 163, M.Ed. 22 and Ph.D. 15. The faculty in position consists of two professors, seven readers, 11 lecturers, and five instructors/research assistants. The posts of one professor and one reader were vacant at the time of the visit. Action had been taken to fill the post. Four teachers possess research qualifications.

7.47.2

The major research interests of the faculty are educational sociology, educational psychology and teacher education. During the period 1966-74, the faculty published 15 research articles/papers and two books, undertook two sponsored research projects, organised four symposia/workshops and awarded 6 Ph.D. degrees. Research methodology, dissertation and educational statistics for M.Ed. courses and tutorials for B.Ed. and M.Ed. were introduced in 1967-68.

7.47.3

The departmental library having a collection of 11300 books and subscribing to about 40 journals is cramped in a small room full of stacks with hardly any reading room. The university grant for this library is Rs.5,000/- p.a.

7.47.4

With a view to having inter-disciplinary teaching the M.Ed. classes have been shifted to the main university campus while B.Ed. classes continue to be held in Kamachha campus.

7.47.5

A hostel for 25 teacher-training students was under construction at the time of the visit.

7.47.6

During the fifth plan the department proposes to consolidate and strengthen its existing teaching and research facilities to reorganise the M.Ed. course scheme in the light of recent deliberations of seminars held at NCERT, and to introduce M.Litt course. The faculty is also keen to set up the following centres/units : (i) centre for study of systems of Education; (ii) Educational Testing unit; (iii) Curriculum Studies unit, and (iv) Teacher Education Unit. The setting up of these units would not involve any extra investment.

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7.47.7. The committee was informed that during the fourth plan a sum of Rs. two lakhs was approved by the UGC for constructing additional accommodation for the department of education at the Kamachha campus. This amount was utilised by the university for other purposes.

7.47.8. One got the impression that although some research activities are going on, there is no continuity of research or a concerted effort in any particular field. The difficulties mentioned in this regard were shortage of research fellowships for Ph.D. work, and inadequate cyclostyling/printing facilities and secretarial assistance provided by the university.

7.47.9 The dispersal of the faculty at two places viz. university campus and the Kamachha campus creates a number of operational problems, especially if a teacher has to take classes in both the places; along with supervising lessons of B.Ed. students. It is understood that the university is proposing to construct a building on the main campus for the faculty of education so that all the academic programmes could be organised in the same building.

7.47.10. At present, on the recommendation of fourth plan visiting committee 20% of students enrolled in B.Ed. and M.Ed. are in receipt of merit scholarships. With this the quality of students have improved recently. It was suggested that rather than fixing the percentage there should be 25 scholarships for B.Ed. and 20 scholarships for M.Ed.

7.47.11. The Kamachha campus has no boundary wall. The department stressed the need for constructing the boundary wall and quarters for night watchman and installing collapsible gates at certain places.

7.47.12. The committee recommends as under :

- (i) The idea of setting up of the units/centres will facilitate the programme of study and research, is good, and should receive appropriate consideration of the university.
- (ii) M.Litt course may be instituted but should be in line with the similar programmes in other facilities.
- (iii) A few junior fellowships (say three) may be earmarked for research in education.
- (iv) The number of merit scholarships for B.Ed. and M.Ed. may be fixed at 25 and 20 respectively. Their value may be Rs.100 p.m. and Rs.150 p.m., respectively.

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- (v) Academic staff may be given adequate secretarial and typing/cyclostyling/printing assistance.

	<u>I Priority</u>	<u>II Priority</u>
Books and journals (including publication assistance)	Rs. 30,000	Rs. 10,000
Equipment (including field work)	Rs. 40,000	Rs. 10,000
Building	Rs. 2,00,000	Rs. 50,000
Scholarships for B.Ed.	Rs. 25 90,000	-
Scholarships for M.Ed. Fellowship -3	Rs. 20 1,03,000 Rs. 3	-

7.48 MAHILA MAHAVIDYALAYA

7.48.1. The Mahila Mahavidyalaya, established in 1929 for the advancement of women's education, imparts instructions for three-year degree course, pass and honours, in science, humanities and social science subjects. It has a separate building in the campus and is a university maintained institution.

7.48.2. The courses offered by the Mahavidyalaya are as under :-

Science : Botany, chemistry, geography, home science, mathematics, physics and zoology.

Humanities) : Philosophy, ancient Indian history, culture
and) and archaeology, Hindi, English, Sanskrit,
Languages) Bengali, Urdu, Marathi, Tamil, Telugu,
Nepali, French, German, Persian, Arabic,
Music (Vocal and instrumental) and fine
arts (painting and dance).

Social Sciences : Economics, history, political science,
psychology and sociology.

.../-

7.48.3. The position of the staff and enrolment in 1973-74 is given below:

Faculty/ Subject	Staff				Total	Enrolment	Teacher Pupil Ratio
	P	R	L	O			
1	2	3	4	5	6	7	8
A. Science							
1. Botany	-	1	6	-	7	358	1:51
2. Chemistry	-	1	7	1	9	361	1:40
3. Geography	-	-	3	1	4	109	1:27
4. Home Science	-	1	3	1	5	178	1:35
5. Mathematics	-	1	1	1	3	18	1:06
6. Physics	-	2	3	-	6	301	1:50
7. Zoology	-	1	7	1	9	360	1:40
B. Humanities & Languages							
8. Philosophy	-	1	2	-	3	62	1:21
9. Ancient Indian History, Culture & Archaeology	-	-	2	-	2	104	1:52
10. Hindi	-	1	3	-	4	565	1:141
11. English	-	-	6	-	6	198	1:33
12. Sanskrit	1	1	-	2	4	244	1:61
13. Bengali	-	-	1	1	2	117	1:58
14. Urdu	-	-	1	-	1	9	1:09
15. Other languages*	-	-	-	-	-	29	-
16. Music	-	-	4	2	6	87	1:14
17. Fine Arts	-	-	3	-	3	56	1:18
C. Social Sciences							
18. Economics	-	1	1	1	3	138	1:46
19. History	-	-	3	-	3	188	1:63
20. Pol. Science	-	1	2	-	3	162	1:54
21. Psychology	-	1	3	-	4	113	1:28
22. Sociology	-	-	2	-	2	387	1:193
1+ 13 64 11 89+						1042	1:12

+ add one Principal

7.48.4.

The Mahavidyalaya faculty consists of a Principal, one professor, 13 readers, 64 lecturers, eleven part-time lecturers, and two physical training instructors. Twenty-nine teachers possess research qualifications.

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7.48.5. The distribution of enrolment by classes in 1973-74 is as below :-

<u>Class</u>	<u>Enrolment</u>
B.A. Part I	228
B.A. Part II	236
B.A. Part III	190
B.Sc. Part I	144
B.Sc. Part II	154
B.Sc. Part III	90
Total :	<u>1042</u>
B.A. 654	
B.Sc. 388	

7.48.6. The Mahavidyalaya has on its rolls students not only from all parts of the country but also from foreign countries, to name a few, Japan, Burma, Nepal, Thailand, Mauritius, Malayasia, Singapore, Nairobi and West Indies.

7.48.7. During the fourth-plan period, the faculty of the Mahavidyalaya completed seven sponsored research projects. In the same period, teaching in Sociology, Urdu, Bengali, French, German, Nepali, Marathi, Tamil and Telugu was started and laboratories for home science and geography, two lecture theatres and two music rooms and library block were constructed. The zoology and chemistry laboratories were nearing completion at the time of our visit.

7.48.8

The Mahavidyalaya libraries has a stock of about 22000 books and journals including over 2000 textbooks. It subscribes to 80 journals in various subjects. The library remains open from 10.00 AM to 4.30 PM on working days and upto 8.30 PM in peak period/examination days for hostelers. The library has one reading room, six cubicles for teachers (out of these two cubicles are used for storing books), one stack hall, one textbook and periodical section and two counters for circulation of books. The library staff consists of one professional junior, one professional assistant, two semi-professional assistants, one senior library attendant etc.

7.48.9.

During the fifth plan period the university proposes to consolidate the existing facilities and to introduce teaching in statistics and education.

7.48.10.

The Mahavidyalaya has planned its space utilization well and has been organizing its laboratory work despite serious limitations of space and equipment. The geography laboratory is too small and inadequately furnished. The music rooms too are very small in size. These need to be

shifted. The hostel warden's quarter is presently being used for vocal music. The home science laundry laboratory needs space and equipment.

7.48.11 The science sections, although poor in resources have capable and some highly qualified staff and so have the arts sections. The college has thus a great potential for developing honours courses at the degree level after the new scheme is implemented and it deserves adequate support to achieve this. It can be done at a relatively lesser cost than would be needed to absorb these students in the main departments, apart from mitigating the environmental problems arising from crowding.

7.48.12 Its requirement of space and fixtures are in respect of a large class room, a laboratory for physics, a dance hall equipped with public convenience and the extension of its auditorium. Also the unfurnished lecture theatres and laboratories of zoology and chemistry need to be furnished.

7.48.13. The subjects of education and statistics may be introduced. The principal has a research degree in education. With the addition of one lecturer each in education and statistics the teaching of these courses could be introduced. Instructions may also be started for music dancing and painting.

7.48.14. The faculty of the Mahavidyalaya should be provided all facilities to acquire a Ph.D. degree and the faculty be permitted to use research facilities in the university - teaching departments. Qualified members of the faculty may be invited to participate in the teaching and research programme of the departments, and the university faculty may also take classes in the Mahavidyalaya.

7.48.15. The Mahavidyalaya should have its separate budget provision.

The Committee's recommendations are :

	<u>I Priority</u>	<u>II Priority</u>
Staff	Reader - 2 (one each in Sociology, Geography)	Reader - 1 (Ancient Indian History culture and Archaeology)
	Lecturer - 6 (one each in Education, Physics, Hindi, Statistics, and two in Chemistry)	Lecturer - 1 (Dance) Mridangam Accompanist - 1
	Prof. Asst. -1 (Lib.)	

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	<u>I Priority</u>	<u>II Priority</u>
Books and Journals	Rs. 50,000	Rs. 50,000
Equipment (including balances)	Rs. 1.50 lakhs	Rs. 1.00 lakhs
Building Physics Lab. (1200 sq.ft.) Dance hall and bath rooms(1200 sq.ft.) Lecture theatre (1500 sq.ft. balance room etc. including furniture and fixtures)	Rs. 2.00 lakhs	Rs. 1.00 lakh (Extension of auditorium and sound proofing lecture theatre)
Gas Plan etc.	Rs. 40,000	-

7.49. EVENING COLLEGE

7.49.1 The Banaras Hindu University started evening classes in November 1971 for providing undergraduate courses in compulsory and additional Hindi, Political Science, Sociology, History, Economics and compulsory English. A reader from the department of economics has been placed incharge of these classes and he is being paid honorarium. The classes which run from 5.00 p.m. to 8.30 p.m. daily, in the Kamachha campus, are meant for working as well as non-working students, who have passed the Intermediate examination and seek admission to B.A. II year class direct. The student enrolment during 1974-75 in B.A. II year and B.A. III year classes was 592. The faculty includes one Principal (a reader-incharge) and thirteen lecturers. Six teachers possess research degrees. The distribution of teachers subject-wise is Hindi-3, sociology-2, political science-2, English-2, history-2, and economics-2.

7.49.2. The committee was informed that the proportion of working students to the total enrolment in evening classes has increased from 17% in 1971-72 to 64% in 1975-76, and the results of these students compare favourably with that of day scholars in the university. There is a small library with a stock of about 3400 books including 2000 textbooks. The books are lying in heaps in a small room. There is need for stacks and a library assistant to look after the library.

7.49.3. The university proposes to extend the facility for evening undergraduate courses in the additional nine subjects

of Sanskrit, ancient Indian history, culture and archaeology, philosophy, mathematics, statistics, urdu, physical education, geography and psychology, with the addition of one teacher in each subject. It is also proposed to start postgraduate classes in the subjects, Hindi, economics, political science, sociology, history, and English, by appointing six lecturers - one lecturer in each subject. The university also wants to start some professional courses at undergraduate level as one or two of the optionals out of the following : tourism, banking, accountancy, hotel management, salesmanship, stenography and typing, advertising and publicity, secretarial techniques, transportation, photography, printing, journalism, labour and social welfare, and insurance.

7.49.4. These classes were started mainly to relieve the pressure of admission to undergraduate classes in the university. This pressure has been increasing as the state government of Uttar Pradesh has not opened any new college in Varanasi during the last decade or two. The committee agrees with the Vice-Chancellor that the Banaras Hindu University should concentrate its energy and resources mainly on honours and postgraduate courses and research activities. The solution to the problem of relieving the pressure of admission on the university, is that the state government should have a phased programme of starting new colleges in Varanasi, and these colleges may be affiliated to the Gorakhpur University, as there are already some colleges affiliated to this university. The committee, therefore, recommends that the university may, except for providing undergraduate teaching in Urdu for the time being, defer expansion programmes of the evening college. The question of introduction of vocational/professional subjects as optionals at the undergraduate stage may be examined in detail in consultation with Delhi University where a similar option is available.

7.49.5. The committee makes the following recommendations :-

	<u>I Priority</u>	<u>II Priority</u>
Staff	Lecturer - 1 (Urdu)	-
Books & Journals	Rs. 10,000	Rs. 5,000

GENERAL FACILITIES

.50. Central Library

.50.1. The Banaras Hindu University library system stocks about 522,000 books and journals. Textbooks account for

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about 25% of the total stock of books. The stock include 2900 journals and about 12,000 reference books and rare manuscripts. The number of books added during fourth plan is 118,000. The system serves about 90 departments, 14,000 students and 1200 faculty members and four thousand other employees of the university. It has inter-library lending and microfilming exchange arrangements with other libraries in India and abroad. It is also the depository library of UN and UNESCO publications.

7.50.2. The system consists of the Central Library and about 49 departments/Seminar Libraries scattered throughout the campus and outside the campus.

Between
10.30 A.M.
to 5.00 P.M.
on Sundays
& holidays.
The

7.50.3 The Central library known as Gaekwad library opens on working days between 9.00 A.M. to 8.00 P.M. and average daily attendance and average daily issues during 1973-74 were 916 readers and 829 books etc. respectively. The stocking area is 17000 sq.ft. and the reading room area is 6000 sq.ft. The budget for the purchase of books and journals in 1973-74 and 1974-75 was Rs.8.33 lakhs and Rs.10.75 lakhs respectively. The staff in the library consists of one librarian, five professional juniors, three senior library assistants, four professional assistants, one reference assistant, two technical assistants, ten library assistants, 16 senior professionals, one catalogue typist, one microfilm operator, eight senior library attendants, 11 junior library attendants and 17 other supporting staff.

Three
deputy
librarians,
one assis-
tant librarian,

7.50.4. There is acute shortage of reading space in the central library. There are about 200 seats scattered for the building. There is no reading room worth the name. The central hall, in the library, which is used as a reading room cannot be called so in the real sense. It is used as a passage; accommodates the issue counter at one end; catalogue at the other. As a result it is very noisy. People are always moving around and in it. No serious reader can study here. Also 200 seats are not adequate for such a large university population.

7.50.5. During the last 15 years the book-stock and the periodicals subscribed have doubled, but the size of the staff has been constant for some years. The result has been a breakdown of service and backlog of unprocessed books.

7.50.6. An important reaction to the weakness of the main library service has been the tendency to create departmental libraries outside the control of the main library organisation. There are at present about 49 departmental libraries varying in size from 1,000 volumes to 26,000 or more volumes. There is no union catalogue and hardly any coordination among these libraries or with the central library.

7.50.7. Many of the departmental librarians are clamouring for more space, furniture and staff. Most of these departmental libraries are not open for long hours and all are not well-organised. The aggregate system is unnecessarily costly and inefficient in service.

7.50.8. This has resulted in a complete breakdown of over-all planning and coordination of library services and duplication of books and periodicals.

7.50.9 There is little coordination of books selection procedures and there is bound to be unnecessary duplication of requisitions as each unit builds up its collection without reference to resources already at hand, or on order in other units. There is no integrated central cataloguing for the library system, and, therefore, no union catalogue to guide the faculty and students to all the library resources on the campus.

7.50.10. It is urgent that the library administration is centralised. This does not imply physical centralisation of collection and services. The purchasing and processing and cataloguing of all the books and periodicals for all the units should be undertaken by the Central Library in consultation with the concerned faculty. The departmental library staff may be relieved of technical assignments and they may be asked to devote their attention to rendering service to readers. Additional staff of two Assistant Librarians and four professional juniors are recommended for the central library for carrying out the books devolving on the centralised administration.

7.50.11. The present Central Library building was built in 1939. Additional stack room was constructed later to accommodate about two and half lakhs books. More shelf space will soon have to be provided. Any make-shift arrangement will not do.

7.50.12. A new library building is urgently required. This building should be planned on a subject divisional organisation :

- (a) Social Sciences Division
- (b) Humanities Division, etc.

7.50.13. Each division will have a stack room, a reading room, research cubicles, reference room and a special staff headed by a responsible person. This subject divisional plan will preserve the Principal advantages of a departmental library - its informality, accessibility and subject emphasis - while still operating at an administrative level

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that is both economical and efficient. It will orient the service of the main library towards definite parts of the curriculum. It will create a centralised library system that has educational significance.

7.50.14. The ground floor of the building could house the department of Library Science and other general units of the Library e.g. the Processing Room, the Librarian's Office, the Documents Room, the General Catalogue etc. This would certainly be a long term plan, but a beginning could be made with some allocation in the Fifth Plan period. Gradually, it should be possible to build up a strong, efficient Central Library and do away with many of the departmental libraries.

7.50.15. The present Central Library building could be used as a text-book study room for undergraduates on the campus. The stock-room attached to the present Central Library could be used to house little used materials such as old volumes of periodicals, etc. The new Central Library building reserved exclusively for research and postgraduate studies.

7.50.16. It was brought to the notice of the committee that personal collection of Pt. K. Chattopadhyaya is for sale. The heads of the departments of ancient Indian history, culture and archaeology, Sanskrit etc. have inspected the collection and recommended that this rare collection of about 5000 books may be purchased at about Rs.2.00 lakhs. It is recommended that the university may appoint a committee for evaluating the proposal.

7.50.17. The committee makes the following recommendations :

	<u>I Priority</u>	<u>II Priority</u>
Staff	Asstt. Librarians-2 Professional Juniors-4	-
Building	Rs. 9.00 lakhs	Rs. 5.00 lakhs
Books & Journals	Rs. 2.00 lakhs	Rs. 2.00 lakhs

Residence for Students

7.51. The ideal ratio of resident to non-resident students in a teaching and residential university like Banaras Hindu University should be 75:25. The ratio was 53:47 in 1966-67, while in 1974-75, it has been 40:60 (Annexure XXI).

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- 7.51.1 At present there are 35 hostels for students, including six for women students. The residents in the hostels are distributed according to faculties. The total number of rooms in these hostels is 4836 where as 5814 students including 550 women students lived in there in 1974-75 (Annexure VI).
- 7.51.2. Many of the rooms in the women students hostel are triple seated, and so is the case with Ruiya hostel where students of faculty of medical sciences and faculty of oriental learning and Theology are lodged. Several rooms of Brocha and Birla hostels are double seated. There is no hostel for students of faculty of music and fine arts. The accommodation for foreign students in International House is very limited, more so of the foreign women students. The University attracts many foreign students in the fields of languages, philosophy, history and Indian music, as also in medicine and technology. Presently foreign women students are accommodated in 12 rooms of the annexe to International House. Some foreign students who come on Exchange Scholarship Programme come here with their families, for accommodating whom the university has no arrangement.
- 7.51.3. A large number of students who come from rural areas and low income groups stay outside the university campus in rural area in unhygienic buildings/lodges adjoining the university boundary wall. There are 430 units in 25 lodges in Chhitupur area. Ten out of these 25 lodges, do not have electric connections even (Annexure VIII). This is not a very satisfactory arrangement.
- 7.51.4. During the fourth plan, the UGC approved a sum of Rs.50 lakhs under its student amenity programme for the improvement of existing hostels and construction of additional hostel accommodation and other student amenities. A sum of Rs.34.13 lakhs was spent under this programme by the end of fourth plan period. Besides improving the condition in existing hostels, additional hostel accommodation for over 400 students (including about 100 foreign students in International House and its annexure) was provided.
- 7.51.5. The committee feels that there is need for hostel accommodation for at least 1000 additional seats. But due to severe scarcity of funds, it makes the following limited recommendations :

	<u>I Priority</u>	<u>II Priority</u>
Hostel for Men Students	Rs. 4.00 lakhs	Rs.2.50 lakhs
Hostel for Women Students	Rs. 2.00 lakhs	Rs.2.50 lakhs

7.52. Staff Quarters

7.52.1. The preservation of the residential character of the university requires that residential accommodation is provided on the campus to as many teachers and essential non-academic staff as possible. Out of 3515 staff claiming eligibilities to get residential accommodation only 17.01% have been provided university accommodation as shown below:

Category	No. of teachers/ staff provided accommodation	Total No. of teachers/ staff eligible for accommodation	% Provided Accommodation
Professors	54	141	38.3%
Readers	105	334	31.4%
Lecturers	240	707	33.8%
Others,	205	2333	8.9%
Total :	604	3515	17.1%

7.52.2. It may be noted that about 1/3 of the teaching staff reside on the campus. The proportion has to be raised. Acute shortage of university accommodation was reported so far as women teachers were concerned. This has to be remedied. While there is a strong case for providing more houses for the residence of teachers and staff, scarcity of funds remain as a limiting factor. Taking all things into account, the committee recommends the following :

	<u>I Priority</u>	<u>II Priority</u>
Quarters for teaching staff	Rs. 4.00 lakhs	Rs. 3.00 lakhs

7.52.3. A steep rise in student enrolment and development of many courses has led to an increase in the teaching faculty and non-teaching staff. The student enrolment will have to be limited and programmes beyond the resources of reasonable complement of faculty eliminated. Non-teaching staff far exceeds the faculty strength. The University will have to take steps to reduce this imbalance.

7.53. Health Centre

7.53.1. Medical facilities are available to the staff and students at the university health centre, the S.S. Hospital, Institute of Medical Sciences, and the dispensary at the Limbdi Hostel. The S.S. Hospital provides indoor facilities also.

7.53.2. The health centre provides facilities for diagnosis and treatment of cases, follow-up of long-term cases, health education services (especially on family planning, nutrition, M.C.H. and communicable diseases), special clinics for T.B., leprosy, high blood pressure, etc.

7.53.3. The medical officers of the health centre placed before the committee their case for the revision of their salary scales on par with lecturers plus non-practising allowance; or if CGHS scales were to be followed the officers with MBBS qualifications may be given general duty officer Grade I and with postgraduate qualifications might be given the specialists grade. The Commission no doubt will look into the matter.

7.53.4. The UGC grants towards the development of health centre are not met from the general plan development funds. The scheme for the development of health centres is under review. The university may approach the UGC when the scheme has been renewed and proposals from the universities are invited by the Commission.

7.54. Study Centres

7.54.1. For students living in the city, the university runs four study centres at Kamachha, Chetganj, Diesel Loco Works (DLW) and Ramnagar. The study centres provide for multiple copies of textbooks and reading facilities for students who have no places of study at their residence. The utilisation of the facilities provided at these study centres during the year 1974-75 session were as under :-

Name of the Centre	No. of readers attended	No. of volumes consulted	No. of volumes in stock	No. of newspapers etc. subscribed
Kamachha	22,637	10,918	1,292	27
Chetganj	13,743	9,142	1,073	9
Ramnagar	16,570	11,390	684	6
D.L.W.	9,884	7,091	330	22
	<u>62,834</u>	<u>38,539</u>	<u>3,379</u>	<u>64</u>

7.54.2. Of these four study centres only two receive assistance from the UGC. The Commission should assist the other two centres also. It was proposed that two more study centres - one each at Medagir and Ardli Bazar may be started. It is better that these activities are taken up by the State Government so that the university could take up the urgent task of putting its library system in the campus on a proper basis.

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7.55. University Press

7.55.1. The Banaras Hindu University Press caters to the printing requirements of the university. It undertakes the printing of prospectuses, annual reports, various forms registers and charts, scientific journals books and publications of various department. It has five cylinder machines (four in 22" x 36" and one in 20" x 36") four platen machines (two 10" x 15", one in 15" x 20" and one 8" x 13"), one romayor offset machine in the printing section. The building section consists of two cutting machines (one needs repairs), three stitching machines (all out of order) one small wooden ruling machine, one perforating machine and one punching machine. Besides hand composing both in Hindi and English, the mechanical composing section has two mono-key boards and three mono-casters. Besides the manager one assistant manager (vacant) one senior proof reader, the administrative office has a staff strength of 16 members. The composing section consists of 43 compositors, distributory, proof pullers etc. There are 22 member in the machine staff, 11 staff in the mono section and 28 workers in the binding section. The press works in two shifts.

7.55.2 During the past ten years, the printing work in the press has increased phenomenally as a result of the expansion of the university. The staff and equipment remaining the same, the press can hardly cope with the entire work load. Besides, most of the printing machines and other equipments need repair and replacement. There is shortage of space for the efficient working of the press. The employees of the press expressed their dissatisfaction against the revision of their scales of pay and their negligible chances of promotion. They pleaded for better grades as applicable to the Delhi University Press or the Government of India Press.

7.55.3. The university presented proposals involving

- (a) the purchase of equipment and machinery for the press costing Rs.17.35 lakhs
- (b) the purchase of additional furniture
- (c) the construction of additional building facilities which would provide three rooms of size 30' x 80', shelter of size 20' x 30', staff quarters for shift incharge and two time keepers, and toilet facilities.
- (d) and appointment of additional staff.

7.55.4. Due to severe limitation of funds the committee could only recommended as under :-

	<u>I Priority</u>	<u>II Priority</u>
Equipment and machinery (including building)	-	Rs.2.00 lakh.

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7.56. CAMPUS DEVELOPMENT

- 7.56.1. The University campus covering over 1300 acres of land has 36 miles of road, 45 miles of storm water channel, about 12 miles of underground drainage and six miles of boundary wall.
- 7.56.2. The university maintains electric street lighting over 12 miles, besides an extensive system of electric lighting in educational buildings, hostels, residential quarters and other buildings. The university has its own public works department for attending to the construction and maintenance work and its own town committee for supervising civic facilities. Nearly 15,000 people live on the campus. The university campus is a small township.
- 7.56.3. Besides the main campus, there is the Kamachha campus covering an area of about 50 acres. The university also owns large tracts of land on both sides of the main campus, without a boundary wall. It has also acquired 2500 acres of land in Mirzapur district for establishing an agricultural farm.
- 7.56.4. During the third plan the UGC provided a sum of Rs.20.00 lakhs to the Banaras Hindu University for taking up a number of projects for campus development. In the fourth plan no such allocation was made. The university, however, received an allocation of Rs.50 lakhs towards student amenities, and upto the end of the fourth plan period, a sum of Rs.34.13 lakhs was spent towards improving the existing hostel facilities, additional hostel accommodation, improvement of play grounds and swimming pool, etc. etc. The university also received sanction of Rs.18 lakhs for staff quarters for the Institute of Medical Sciences and Rs.15 lakhs for staff quarters for other faculty staff.
- 7.56.5. During the fourth plan, the Commission approved the extension of the administrative building at a cost of Rs.3.04 lakhs but this could not be taken up by the university. The university now wants to take up the part of the extension costing about Rs.2.00 lakhs proposing to treat this expenditure as a first charge on the fifth plan development funds. But the UGC does not generally provide assistance for campus development from the plan development funds.
- 7.56.6. For campus development the UGC has made an allocation of Rs.15.00 lakhs during the fifth plan period. The Commission has already agreed to the proposal of the university under the campus development, amounting to Rs.10,32,700 and there is a spill over of Rs.1,38,812. Thus the university has already committed a sum of Rs.11.72 lakhs.

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7.56.7. The university placed before the committee, schemes costing to Rs.203.75 lakhs for campus development etc. during the fifth plan period.

		<u>Rs. in lakhs</u>
I.	Auditorium	50.00
II	Hostels	90.80
III	<u>Delegacies</u>	
	(a) Health Centre	6.00
	(b) Dormatory or Hutment	20.00
IV	Students' Services Centre	10.00
V	Hobby Centre	2.50
VI	Cultural & Literary Activities	1.75
VII	Faculty snacks centres	1.50
VIII	Subsidies to Coop. Messes	6.20
IX	Civil Supplies	10.00
X	Book Bank	5.00
		<u>203.75</u>

7.56.8. The Vice-Chancellor, however, stressed the fact that the University has at present only one auditorium attached to the faculty of arts with a limited seating capacity 500 persons and that priority has to be given to the construction of a suitable auditorium. He further informed the committee that even during the fourth plan period a UGC visiting team on students amenities recommended the construction of an auditorium with seating capacity of 2000-2500 persons. This could not be taken up during the fourth plan due to limitation of funds. The university has been able to raise funds to the extent of Rs.10 lakhs for the auditorium. The Vice-Chancellor desired the committee to make a substantial allocation for the construction of the auditorium and equipping it.

7.56.9. A master plan for the development of the campus is desirable, so that the Commission can approach the funding problem realistically and on a well considered schedule. The committee suggests that the university may prepare such a plan and that the same may be reviewed by a special committee to be appointed by UGC for the purpose.

7.56.10. Keeping in view the urgency expressed by the Vice-Chancellor, the committee recommends the following allocation for the construction of auditorium, till such time a proper assessment of the entire campus development proposals is made.

	<u>I Priority</u>	<u>II Priority</u>
Construction of Auditorium	-	Rs. 8.00 lakhs

..../-

7.57. SCHOOL LEVEL INSTITUTIONS

7.57.1. The Central Hindu Boys School, the Central Hindu Girls School and the Ranvir Sanskrit Vidyalaya form a trio of school level institutions which are an integral part of the Banaras Hindu University; in fact the university grew out of these institutions. The pattern of education in these schools is different from that prevalent in the schools in Uttar Pradesh. Till recently, these schools were 10 year schools with one-year pre-university superimposed, whereas other schools in U.P. provide 10 year schooling. With the acceptance of 10+2 schooling pattern, these schools have adopted the 11 year higher secondary pattern, with a view to add the 12th year in due course.

Central Hindu Boys School

7.57.2. The Central Hindu Boys School, Varanasi, was founded in the year 1898, as a part of the Central Hindu College by Mrs. Annie Basant. The School along with Central Hindu College was taken over by the Banaras Hindu University Society in the year 1914 on the condition that the university would maintain this institution. The number of students of this school, at present, is about 1300 (excluding P.U.C. students numbering 500).

7.57.3. The school imparts instructions upto Class VIII as per Jr. High School curriculum of the U.P. State Government. Thereafter teaching is conducted in accordance with the curriculum as framed by the university for admission examination (equivalent to High School). Pre-University Classes (XI) have also been transferred to the School.

7.57.4. The school has a library containing about 12,000 books.

Central Hindu Girls School

7.57.5. The Central Hindu Girls School, Varanasi, was founded in 1903 under the Board of Trustees of the Central Hindu Society. The Central Hindu College took charge of this institution in December 1904, and subsequently was taken over by the Banaras Hindu University Society in the year 1914. The total enrolment in this institution is 1,180 (excluding P.U.C. students numbering 320). The school functions at two places (i) Kolhua, from nursery to class VI, and (ii) from class VII to P.U.C. The curriculum is the same as for the C.H. Boys School. The school has a library containing about 8,000 books.

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Ranvir Sanskrit Vidyalaya

- 7.57.6 - The Ranvir Sanskrit Vidyalaya which was established in 1884 came under the direct control of the Central Hindu College, Board of Trustees in July, 1901, and became an integral part of it as a college of Oriental Learning and Theology.
- 7.57.7. The Banaras Hindu University Society took over the administration of these three institutions in their established location alongwith their immoveable and moveable properties as a nucleus of the Banaras Hindu University from the Central Hindu College Trustees on 7th December, 1913. With the inforcement of the BHU Act XVI of 1915 the said BHU Society was dissolved, and all its properties, rights, powers, privileges and liabilities were vested in the University. The Ranvir Sanskrit Vidyalaya continued to work as a College of Oriental Learning and Theology upto July, 1918. Since then with the establishment of a separate Sanskrit College containing its Madhyama to Acharya classes, this Vidyalaya was authorised to run only upto Praveshika classes, and it was put along with the Central Hindu Boys' School and Central Hindu Girls' School under the management of the School Board of the University.
- 7.57.8. Afterwards the standard of the Vidyalaya was raised by opening Madhyama I year and II year classes in (Sahitya) only in July, 1968 and in July 1969 respectively. Thus the Vidyalaya is running two years Pre-Praveshika (class IV and V), three years Pravashika (classes VI to VIII and two years Madhyama (Sahitya) classes equivalent to Admission Examination of B.H.U. or High School of U.P. Board. The results of this Vidyalaya have been uniformly good.
- 7.57.9. Thus it is quite evident that this institution has been functioning as the Oriental counterpart of the High School which is also under the university management.
- 7.57.10. The Raghavan Committee set up for the reorganisation of the faculty of oriental learning and theology of the Banaras Hindu University recommended that the transfer of two years of Madhyama courses from Sanskrit Mahavidyalaya to the Ranvir Sanskrit Vidyalaya would require the strengthening of the staff of the Vidyalaya and also the upgrading of the salaries of the teachers with higher qualifications who are needed for teaching the Madhyama course in different Shastras. Such a transfer would also require additional accomodation in Vidyalaya which is now adequate only to teach the classes of Praveshika together with some modern subjects, which are taught here.

...../-

- 7.57.11. Funds are also needed for the purchase of books, almirahs, and other furnitures. The committee also recommended that this Vidyalaya may also add a new line of activity to its work which will contribute to the spread and popularisation of Sanskrit for the public. It may, accordingly organise and conduct evening or night classes for the young as well as adults giving an introduction to Sanskrit language and literature through Hindi medium. The Central Sanskrit Board, Ministry of Education supports such Sanskrit classes conducted out of school and office hours.

Position of funding these schools

- 7.52.12. The State Government of Uttar Pradesh have taken the view that as these schools are affiliated to a Central university, the University Grants Commission, or the Central Government should provide necessary funds for their development.
- 7.52.13. The committee suggests that the question of finding funds for the strengthening and development of these secondary schools may be examined in consultation with the UP State government, by a separate committee appointed for the purpose.

7.58. G. FELLOWSHIPS & SCHOLARSHIPS

- 7.58.1. The Committee has earlier recommended fellowships and scholarships/studentships as under :

Department	<u>Fellowships, scholarships etc.</u>
1. Library and information services	2 scholarships @ Rs.250 p.m. for M.Lib.Sc. (p.39)
2. Bharat Kala Bhavan (Museumology)	4 Junior Research Fellowships @ Rs.400/- p.m. (p.41)
3. Geology	15 studentships @ Rs.250/- p.m. for M.Sc. (p.62)
4. Education	(i) 25 scholarships @ Rs.100 p.m. for B.Ed. students. (ii) 20 scholarships @ Rs.150 p.m. for M.Ed. students (iii) 3 Junior Research fellowships @ Rs.400 p.m. (p.86)

- 7.58. 2. The Committee recommends that the UGC may assist Banaras Hindu University to make the award of 50 fellowships

..../-

at a time for pursuing research work in the University Departments. The awards may be made as follows :-

- (i) 20 fellowships may be reserved for candidates belonging to scheduled castes, scheduled tribes, backward and weaker sections of society, students from border States such as Manipur, Nagaland and other backward and under-developed States of the country.
- (ii) 30 fellowships for pursuing research in other disciplines to be awarded on an all-India basis ensuring that at least 50% are awarded to candidates belonging to States other than U.P.

PART VIII -

FINANCIAL IMPLICATIONS

8.1 The summary of financial implications of the recommendations (excluding fellowships, scholarships etc.) made by the committee is as under:

Summary of financial recommendations made by
University Grants Commission Fifth Plan Visiting
Committee.

S.No.	Item	I Priority	II Priority	Total
1	2	3	4	5
1.	Spill Over	24,98,560	-	24,98,560
	<u>Basic grant</u>			
2.	Books & Journals	5,00,000	-	5,00,000
3.	Equipment	7,50,000	-	7,50,000
	<u>Others</u>			
4.	Research and Recurring grant	2,99,000	-	2,99,000
	<u>New Allocations</u>			
5.	Additional Staff	40,58,000	16,56,000	57,14,000
6.	Building	36,65,000	29,90,000	66,55,000
7.	Books & Journals	14,40,000	8,05,000	22,45,000
8.	Equipment	37,40,000	20,25,000	57,65,000
9.	Miscellaneous	5,65,000	80,000	6,45,000
	Total:	1,75,15,560	75,56,000	2,50,71,560

Note : We have already recommended that the allocation of Rs.13.00 lakhs made for the purchase of Mass Spectrometer may be charged to the funds for Engineering and Technology.

The details are given in statements I - IV.

8.2. With all the care taken by the committee in assessing the requirements and allotting funds for the same according to the priorities inherent in the situation, it has not been possible to contain first priority within the allotted figure of Rs.1.25 crores. Considering the fact that the Commission has already taken a decision to release 2/3rd of the amount earmarked for a university by approving schemes under first priority and the additional faculty under second priority, the the committee has suggested in the present case as first priority an amount slightly excess of this two-third namely Rs.1.75 crores. In this view of the matter what is now recommended as second priority may be treated as the amount

which may be released should additional funds be available with the Commission upto the earmarked amount of Rs.2.50 crores. We have not attempted to break this sum into two parts to fit in with the earlier direction of the Commission. Within the items included in second priority, on the above basis, buildings and equipment may be given relative priority vis-a-vis other items, as and when additional funds are available for allotment to the university. It is not possible to give high priority to books and journals within the items figuring in the second priority referred to above because the construction of the central library building recommended earlier is a precondition to any large scale increase in the stock of books and journals. Similarly without additional space in certain departments it is not possible to add to the faculty.

PART IX ACKNOWLEDGEMENT

9.1. The committee would like to record its sincere thanks and appreciation of the cooperation given to it by the Vice-Chancellor, director Plan coordination, deans of faculties, heads of the departments, principals and staff of the mahila mahavidyalaya, evening college and central schools, faculty members, students and other authorities of the Banaras Hindu University. The free and frank discussions held enabled the committee to make its observations in the short time at its disposal. The committee hopes that its recommendations will serve effectively for further development of this great seat of higher learning with a great tradition and potential, along most desirable lines.

BANARAS HINDU UNIVERSITY

Recommendations of the Departmental Committee

ADDITIONAL STAFF

S.No.	Department	I Priority				II Priority			
		P	R	L	Others	P	R	L	Others
1	2	3	4	5	6	7	8	9	10
1.	Ancient Indian History Cul. and Arch.	-	2	-	-	-	1	-	-
2.	Art & Architecture	-	1	2	-	-	-	1	-
3.	Philosophy	-	1	-	-	-	-	-	-
4.	Hindi	-	1	-	1Hindi Steno- typist	-	-	1	-
5.	Indian Languages	-	-	-	-	-	-	-	-
6.	Urdu	1	-	-	1Typist	-	-	-	-
7.	Bengali	-	-	-	-	-	1	-	-
8.	English	1	-	-	-	-	1	-	-
9.	Foreign Language	-	-	-	-	-	-	-	-
10.	Sanskrit & Pali	-	1	-	-	-	-	1	-
11.	Arabic	-	-	1	-	-	-	-	-
12.	Persian	-	-	1	-	-	-	-	-
13.	School of Languages	1	-	-	1Tech.Asstt. 3Steno typist 2Gestetner operator and 1Lab.Attendant.	-	-	1	-
14.	Lib. & Infn. Sc.	1	-	-	2Scholarship- @Rs.250/- for M.Lib. Sc.	-	-	-	-
15.	Physical Education	-	1	3	-	-	-	1	-
16.	Bharat Kala Bhavan	-	1	1	1Asstt. Lib- rarian 3Armed guards 3Gallery Attendants 1Checking counter Asstt. 4Fellowships	-	-	-	3Guards 1Attendant
17.	Journalism & Mass Communication.	-	1	1	-	-	-	1	-
18.	Economics	1	-	-	-	-	2	-	-
19.	History	1	-	-	-	-	2	-	-
20.	Political Science	-	1	-	-	1	-	-	-
21.	Psychology	1	-	-	-	-	2	-	-
22.	Sociology	-	1	-	-	-	-	1	-
23.	Physics & Spectro- scopy.	1	-	-	1Tech.Asstt.	1	-	-	1Tech.Asstt.
24.	Chemistry	-	2	3	-	-	1	3	-
25.	Botany	-	1	1	1Electronics Tech.Cum In- strument Mec- hanics, 1Sc.Tech.Asstt. & 1 Driver.	1	-	-	-
26.	Zoology	1	-	1	1 Elect. Technician	-	1	-	-
27.	Geology	1	2	1	1Lab.Tech.& 15 Student- ships for one year Post M.Sc. course	-	2	-	-

1	2	3	4	5	6	7	8	9	10
28.	Geography	-	3	-	1 Map Curator	1	-	-	-
29.	Geophysics				1 Tech. Asstt.				
	a) Applied Geo- physics.	1	-	1	1 Tech. (Mech. cum Driver).	-	-	-	-
	b) Meteorology	-	2	2	1 Lab. Tech. (Elec)	-	-	-	-
	c) Common Faci- lities.	-	1	1	-	-	-	-	-
30.	Mathematics and Statistics.	-	2	-	-	-	2	-	-
31.	Computer Science Centre	1	2	2	-				
32.	Centre for Life Science (Conditional)	-	1	3	1 Tech. 1 Lab. Asstt. 2 Lab. Attendants, 1 Clerk.	-	-	-	-
33.	Central Instru- mentation Labora- tories.	-	-	-	-	-	-	-	-
34.	Faculty of Ori- ental Learning and Theology.	1	-	1	1 Suptt. 1 Res. Asstt.	-	1	1	2 Stereo- typist.
35.	Faculty of Music & Fine Arts	1	1	1	1 Accompanist (Mridangam)	1	-	1	1 Accom- panist (Tabla)
36.	Commerce	1	-	-	-	-	-	-	-
37.	Law	-	-	-	-	-	-	-	-
38.	Education	-	-	-	Scholarship 25 B.Ed. S' ship 20 M.Ed. Fellowship-3	-	-	-	-
39.	Mahila Mahavi- dalaya	-	2	6	1 Prof. Asstt. (Lib.)	-	1	1	1 (Mri- dangam Acom- panist)
40.	Evening Colleges	-	-	1	-	-	-	-	-
41.	Central Library	-	-	-	2 Asstt. Librians & 4 Prof. Jr.	-	-	-	-
		15	30	33	41 + Sch./F' ship	5	17	13	70 others'

BANARAS HINDU UNIVERSITY

Recommendations of the Fifth Plan Visiting
Committee for Equipment and Books & Journals.
(RUPEES IN LAKHS)

S.No.	Department	Books & Journals			Equipment		
		I Priority	II Priority	Total	I Priority	II Priority	Total
1	2	3	4	5	6	7	8
1.	Ancient Indian History Cul. & Arch.	0.20	0.05	0.25	0.30	0.10	0.40
2.	Art & Architecture	0.10	0.05	0.15	0.20	0.10	0.30
3.	Philosophy	0.10	-	0.10	-	-	-
4.	Hindi	0.15	0.05	0.20	-	-	-
5.	Indian Languages	0.05	0.05	0.10	-	-	-
6.	Urdu	0.10	0.05	0.15	0.05	-	0.05
7.	Bengali	0.05	0.05	0.10	-	0.05	0.05
8.	English	0.15	0.05	0.20	-	-	-
9.	Foreign Language	0.10	0.05	0.15	-	-	-
10.	Sanskrit & Pali	0.10	0.05	0.15	-	-	-
11.	Arabic	0.05	0.05	0.10	-	-	-
12.	Persian	0.05	0.05	0.10	-	-	-
13.	School of Languages	-	-	-	0.60	0.10	0.70
14.	Library & Information Science.	0.10	0.05	0.15	-	-	-
15.	Physical Education	-	-	-	0.10	0.05	0.15
16.	Bharat Kala Bhavan	0.10	0.05	0.15	0.50	0.20	0.70
17.	Journalism & Mass Communication.	0.30	0.10	0.40	0.80	0.30	1.10
18.	Economics	0.40	0.20	0.60	0.05	0.05	0.10
19.	History	0.30	0.10	0.40	-	-	-
20.	Political Science	0.30	0.10	0.40	-	-	-
21.	Psychology	0.30	0.10	0.40	0.70	0.20	0.90
22.	Sociology	0.30	0.10	0.40	0.05	0.05	0.10
23.	Physics & Spectroscopy.	1.00	0.50	1.50	3.00	2.00	5.00
24.	Chemistry	1.00	0.50	1.50	4.00	1.50	5.50
25.	Botany	1.00	0.50	1.50	3.00	1.00	4.00
26.	Zoology	1.00	0.50	1.50	5.00	0.50	5.50
27.	Geology	0.50	0.50	1.00	2.00	1.00	3.00
28.	Geography	0.50	0.25	0.75	1.00	0.50	1.50
29.	Geophysics						
	a) Applied Geophysics	-	-	-	1.50	-	1.50
	b) Meteorology	-	-	-	1.00	-	1.00
	c) Common facilities	0.60	0.30	0.90	0.50	1.00	1.50
30.	Mathematics and Statistics.	0.50	0.25	0.75	0.80	0.30	1.10
31.	Centre for Life Sc. (Conditional).	0.50	-	0.50	-	4.00	4.00
32.	Central Instrumentation Laboratories.	-	-	-	10.00	4.00	14.00
33.	Faculty of Oriental Learning and Theology	0.20	0.10	0.30	0.10	0.05	0.15

1	2	3	4	5	6	7	8
34. Faculty of Music & Fine Arts.	0.10	0.05	0.15	0.20	0.10	0.30	
35. Faculty of Commerce	0.30	0.10	0.40	0.05	-	0.05	
36. Law	1.00	0.50	1.50	1.00	-	-	
37. Education	0.30	0.10	0.40	0.40	0.10	0.50	
38. Mahila Mahavidyalaya	0.50	0.50	1.00	1.50	1.00	2.50	
39. Evening Colleges	0.10	0.05	0.15	-	-	-	
40. Central Library	2.00	2.00	4.00	-	-	-	
41. Univ. Press	-	-	-	0.05	2.00	2.00	
	14.40	8.05	22.45	37.40	20.25	57.65	

BANARAS HINDU UNIVERSITY

Recommendations of the Fifth Plan Visiting Committee

BUILDING CONSTRUCTION

S.No.	Department	I Priority	II Priority	Total
1	2	3	4	5
1.	Art & Architecture	0.70	0.30	1.00
2.	School of Languages	0.50	0.20	0.70
3.	Bharat Kala Bhavan	0.10	0.10	0.20
4.	Faculty of Social Science	4.00	1.00	5.00
5.	Chemistry	0.70	0.30	1.00
6.	Zoology	1.00	-	1.00
		0.50	0.50	1.00
7.	Geology	2.50	-	2.50
8.	Geography	1.00	1.00	2.00
9.	Geophysics	0.25	-	0.25
10.	Mathematics and Statistics.	1.00	0.50	1.50
11.	Centre for Life Science (conditional)	-	3.00	3.00
12.	Faculty of Music and Fine Arts	1.00	0.50	1.50
13.	Education	2.00	0.50	2.50
14.	Mahila Mahavidalaya	2.00	1.00	3.00
		0.40	-	0.40
15.	Central Library	9.00	5.00	14.00
16.	Hostel for students			
	i) For men students	4.00	2.50	6.50
	ii) For Women Students	2.00	2.50	4.50
17.	Teachers quarters	4.00	3.00	7.00
18.	Auditorium	-	8.00	8.00
Total:-		36.65	29.90	66.55

Statement IV

BANARAS HINDU UNIVERSITY

Recommendations of the Fifth Plan Visiting Committee

OTHERS - (MISCELLANEOUS) (Rs. in Lakhs)

S.No.	Department	I Priority	II Priority	Total	Remarks
1	2	3	4	5	6
1.	Art & Architecture	0.05	-	0.05	Field Trg.
2.	Philosophy	0.20	-	0.20	Publication
3.	School of Languages	0.10	0.05	0.15	Contingen- cies.
4.	Bharat Kala Bhavan	0.20	0.05	0.25	Publication
5.	Botany	0.15*	-	0.15	*Field Trip
		0.75**	-	0.75	**Fabricat- ion and Air Condi- oning.
6.	Geology	0.80	-	0.80	Field Work
7.	Geography	0.20	0.20	0.40	Field Work
8.	Geophysics a)Applied Geophysics	0.75	-	0.75	Field Work
	b)Meteorology	0.50	-	0.50	Field Work
9.	Mathematics and Statistics.	0.15	-	0.15	Field Work
10.	Centre for Life Sc. (Conditional).	0.50	-	0.50	(Demographic) Lab.grant
11.	Central Instrumen- tation Laboratories.	0.30	-	0.30	
12.	Faculty of Oriental Learning & Theology.	1.00	0.50	1.50	(Publicat- ion of Rare Texts)
Total:-		5.65	0.80	6.45	

BANARAS HINDU UNIVERSITY

Faculties ... Departments

1975

<u>Name of the Faculty</u>	<u>Name of the Department</u>
(a) Faculty of Arts :	1. English 2. Sanskrit and Pali 3. Philosophy 4. Hindi 5. A.I.H.C. & Archaeology 6. Indo Sumerian Studies 7. Art & Architecture 8. Foreign Languages 9. Indian Languages 10. Library Science 11. Bengali 12. Urdu 13. Persian 14. Arabic 15. Journalism and Mass Communication 16. Linguistic Section 17. Nepali Section 18. Physical Education 19. Museology
(b) Faculty of Social Sciences:	1. Economics 2. History 3. Political Science 4. Psychology 5. Sociology
(c) Faculty of Science:	1. Mathematics & Statistics 2. Chemistry 3. Physics 4. Botany 5. Zoology 6. Geology 7. Geography 8. Geophysics
(d) Faculty of Law	1. Department of Law
(e) Faculty of Music & Fine Arts	1. Vocal Music 2. Instrumental Music 3. Musicology 4. Painting 5. Plastic Arts 6. Applied Arts.
(f) Faculty of Oriental Learning and Theology	1. Sahitya 2. Darshan 3. Vyakran 4. Religious Instructions 5. Jyotish 6. Theology 7. Dharmashastra and Mimamsa.

<u>Name of the Faculty</u>	<u>Name of the Department</u>
(g) Faculty of Commerce and Business Management :	1. Department of Commerce 2. Department of Business Management
(h) Faculty of Education	1. Department of Education.
(i) Faculty of Engineering and Technology.	1. Mechanical Engineering 2. Electrical Engineering 3. Metallurgical Engineering 4. Mining Engineering 5. Pharmaceuticals Engineering 6. Civil and Municipal Engg. 7. Chemical Engineering 8. Ceramic Engineering 9. Electronics Engineering
(j) Faculty of Agriculture:	1. Plant Physiology 2. Mycology & Plant Pathology 3. Agronomy 4. Agricultural Economics 5. Genetics and Plant Breeding 6. Soil Science and Agricultural Chemistry 7. Horticulture 8. Entomology and Agricultural Zoology.
(k) Faculty of Medical Sciences (Institute of Medical Sciences):	1. Ayurveda 2. Surgery 3. Anatomy 4. Medicine 5. Bio-chemistry 6. Pathology & Bacteriology 7. Pharmacology 8. Social and Preventive Medicine 9. Obstetrics and Gynaecology 10. Physiology 11. Basic Principles 12. Dravya Guna 13. Kaya Chikitsa 14. Shalya Shalkya 15. Prasuti Tantra 16. Ophthalmology 17. Radiology 18. Forensic Medicine 19. Paediatrics 20. Micro-Biology 21. Bio-Physics 22. Orthopaedics 23. Anaesthesiology 24. Psychiatry 25. Dentistry 26. Otorhinolaryngology (ENT) 27. Medicinal Chemistry 28. Radio Therapy and Radiation Medicine.

BANARAS HINDU UNIVERSITY

INFORMATION ON AFFILIATED COLLEGES, 1974-75

S.No.	Item	D.A.V. Degree College, Varanasi.	Arya Mahila Degree College, Varanasi.	Vasanta Kan-ya Mahavidyalaya, Varanasi.	Vasanta College for Women, Varanasi.
1	2	3	4	5	6
1.	Year of Establishment.	1947	1958	1956	1956
2.	Management.	Private	Private	Private	Private
3.	Courses provided.	i)PUC (Arts) ii)B.A. iii)B.Com.	i)PUC (Arts) ii)B.A.	i)PUC (Arts) ii)B.A.	i)PUC (Arts) ii)B.A. iii)B.Ed.
4.	Enrolment	PUC - 113 BA - 344 B.Com. 280 Total: <u>737</u>	PUC - <u>262</u> BA <u>655</u> B.Ed <u>N.A.</u> Total: <u>917</u>	PUC 1139 BA <u>140</u> Total <u>1279</u>	PUC - 107 BA - 164 B.Ed- <u>36</u> Total: <u>307</u>
5.	Teaching Staff	Principal - 1 Lecturers a)Permanent-29 b)temporary- 4 c)Part-time- 5 Total:- <u>38</u>	Principal - 1 Lecturers -19 Demonstrator. - <u>1</u> Total:- <u>21</u>	Principal-1 Lecturers 20 a)Permanent 20 b)Part-time 2 c)P.T. 1 Teacher Total: <u>24</u>	Principal Lecturers a)Permanent -20 b)Temporary - 1 c)P.T.- 1 Teacher Total: <u>23</u>

BANARAS HINDU UNIVERSITY

Teaching Staff 1974-75

<u>S.No.</u>	<u>Faculty/Department</u>	<u>Professor</u>	<u>Reader</u>	<u>Lecturer</u>
<u>1.</u>	<u>2.</u>	<u>3.</u>	<u>4.</u>	<u>5.</u>
<u>A - Faculty of Arts</u>				
1.	Ancient Indian History Culture & Archaeology.	3	4	10+2(Instructors/ Demonstrator)
2.	Art & Architecture	1	1	1
3.	Philosophy	4	7	7
4.	Hindi	3	6	16
5.	Indian Languages	-	2	5
6.	Bengali	-	1	3
7.	Urdu	-	1	2
8.	English	1	7	15
9.	Foreign Languages (including Nepali Section)	-	3	7+6 (5 Under Indo-USSR cultural Exchange & one from Nepal)
10.	Sanskrit & Pali	1	3	9+1 (Res. Asstt.)
11.	Arabic	-	1	1
12.	Persian	-	2	1
13.	Linguistics	-	1	2
14.	Library Science	1	2	4
15.	Physical Education	-	1	3
16.	Musikology (Bharat Kala Bhavan)	-	-	2
17.	Journalism and Mass Communication	1	-	2+2 (Part-time)
<u>B - Social Sciences</u>				
18.	Sociology	1	3	7
19.	Political Science	1	5	8
20.	History	2	4	8
21.	Economics	1	6	7
22.	Psychology	1	4	8
<u>C - Science</u>				
23.	Physics	6	12	23
24.	Chemistry	5	15	21+2 (Pool Officers)
25.	Mathematics & Statistics	4	8	20
26.	Botany	3	9	8+2 (Res. Asstt.)
27.	Zoology	3	8	13+2 (One Pool Officer)
28.	Geology	3	5	12
29.	Geography	2	4	12
30.	Geophysics	1	3	5

1	2	3	4	5
D. <u>Oriental Learning & Theology</u>				
31. Theology (Veda)	1	-		2+1 (Res.Asstt.)
32. Vyakaran	1	2		1+1 (Res. Asstt.)
33. Sahitya	-	1		3
34. Jyotish	1	1		1
35. Dharm Mimansa	-	2		2
36. Darshan	-	5		5
37. Religions Instructions.	-	-		2
E. <u>Music & Fine Arts</u>				
38. Instrumental Music	1	2		9
39. Vocal Music	-	2		6
40. Musicology	-	1		1 (Instructor)
F. <u>Law</u>				
41. Law	3	10		19+3(Part-time)
G. <u>Education</u>				
42. Education	2	7		11+5 (Res. Asstt.)
H. <u>Commerce & Management Studies.</u>				
43. Commerce	1	4		16
44. Management Studies	1			
I. <u>Mahila Mahavidyalaya</u>				
45.	2	13		64+11(Res.Asstt./Instructors/ Demonstrator).
46. - Evening College	1	-		13
Total:-		62	178	397+38 Others

STATEMENT SHOWING THE NUMBER OF STUDENTS
ADMITTED (STATE-WISE) DURING THE SESSION
1973-74.

FACULTIES														
S.No.	Arts	Aagri- culture & re	Comm- erce & MS	Edu- cat- ion	Engg. and Tech.	Law	Music and Fine Arts	Medi- cal Scs.	O.L. & The- ology	Sc- ien- ce	So- cial Scs.	Wo- me- ns Co- ll- ege	Ev- en- ing Co- ll- ege	To- tal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.Andhra Pradesh	4	97	11	-	66	-	7	11	-	57	-	2	-	255
2.Assam	6	1	2	-	20	1	4	3	-	14	1	-	-	52
3.Bihar	143	78	102	-	208	23	19	40	138	234	164	78	-	1227
4.Union Territory	11	-	19	-	47	5	5	88	-	11	8	-	-	194
5.Gujarat	-	-	8	-	25	1	1	-	-	11	3	2	-	51
6.Haryana	6	-	4	2	10	1	1	12	1	2	2	1	-	42
7.Himachal Pradesh	-	-	-	-	6	-	-	2	-	-	1	-	-	10
8.Jammu & Kashmir	7	4	3	-	27	1	2	1	-	-	1	1	-	47
9.Kerala	-	3	4	-	15	-	-	14	-	9	1	3	-	53
10.Meghalaya	-	-	-	-	1	-	1	-	-	-	-	-	-	2
11.Madhya Pradesh	14	4	3	-	45	3	7	6	47	11	5	3	-	148
12.Manipur	5	-	-	-	-	1	2	-	-	8	1	-	-	17
13.Maharashtra	1	2	10	-	95	1	4	3	2	12	6	2	-	138
14.Mysore	5	1	3	-	18	-	-	10	1	8	2	5	-	53
15.Nagaland	-	-	1	-	-	-	-	-	-	-	-	-	-	1
16.Orissa	4	-	4	-	6	1	-	-	2	21	3	2	-	43
17.Punjab	1	5	15	-	25	2	1	29	1	14	2	3	-	98
18.Rajasthan	3	2	11	-	41	-	3	3	2	4	6	-	-	75
19.Tamil Nadu	3	3	7	-	22	1	3	-	-	5	-	6	-	50
20.Tripura	4	-	-	-	2	-	-	-	-	-	-	-	-	6
21.Uttar Pradesh	1980	277	822	199	906	565	153	330	130	1780	1562	879	592	1017
22.West Bengal	12	71	41	1	162	3	6	39	6	67	26	29	-	463

ANNEXURE-V

STATEMENT SHOWING THE NO. OF FOREIGN STUDENTS IN
B.H.U. DURING 1974-75 (as on 31.3.1975).

Name of the Countries	Faculty of Agric.	Faculty of Comm. & B.M.	Faculty of Education	Faculty of Law	Institution of Tech.	Institution of Med. Sc.	Faculty of Fine Art	Faculty of Music/Sc.	Faculty of Social Sc.	Faculty of Arts	Faculty of O.L. and Theology	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Britain	-	1	-	-	-	-	-	-	-	-	-	1
2. Thailand	-	3	-	-	2	-	4	21	2	18	-	50
3. Malayasia	-	1	-	-	1	1	-	-	4	-	-	7
4. Ceylon	-	-	1	-	1	-	-	-	-	-	-	2
5. Nepal	-	-	-	-	3	-	3	-	-	4	18	28
6. Tanzania	-	-	-	-	1	-	-	-	-	-	-	1
7. Sikkim	-	-	-	-	1	1	-	-	5	-	-	7
8. Guyana	-	-	-	-	1	1	-	-	-	-	-	2
9. Mauritius	-	-	-	-	-	1	-	1	-	4	-	6
10. U.S.A.	-	-	-	-	-	-	13	-	2	8	-	23
11. Austria	-	-	-	-	-	-	1	-	-	-	-	1
12. France	-	-	-	-	-	-	2	-	-	-	-	2
13. Laos	-	-	-	-	-	-	-	5	-	1	1	6
14. Japan	-	-	-	-	-	-	-	1	-	3	-	4
15. Trinidad	-	-	-	-	-	-	-	-	-	1	-	1
16. West Indies	-	-	-	-	-	-	-	-	-	1	-	1
17. Afganistan	-	-	-	-	-	-	-	-	-	1	-	1
18. Burma	-	-	-	-	-	-	-	-	-	1	-	1
19. S. America	-	-	-	-	-	-	-	-	-	1	-	1
20. Canada	-	-	-	-	-	-	-	-	-	1	-	1
21. Mexico	-	-	-	-	-	-	-	-	-	1	-	1
22. Cambodia	-	-	-	-	-	-	-	-	-	1	-	1
23. S. Africa	-	-	-	-	-	-	-	-	-	1	-	1
Total:	-	5	1	-	10	4	23	28	13	47	18	149

BANARAS HINDU UNIVERSITY

ENROLMENT OF STUDENTS BELONGING TO SCHEDULED
CASTES AND SCHEDULED TRIBES 1966-67 & 1974-75

S.No.	Faculty	Enrolment of Scheduled Casts/Tribes Candidates	
		1966-67	1974-75
1	2	3	4
1.	Agriculture	16	26
2.	Arts	62	106
3.	Social Sciences		101
4.	Oreintal learning and Theology	-	-
5.	Education	-	21
6.	Science	7	39
7.	Music & Fine Arts	2	6
8.	Commerce	4	17
9.	Law	7	24
10.	Medical Sciences	-	5
11.	Technology	19	75
12.	Mahila Mahavidyalaya	1	3
13.	Evening College	-	29
Total:-		118	452

BANARAS HINDU UNIVERSITY

INFORMATION ABOUT HOSTELS/HALLS OF RESIDENTS
AS ON 31.10.1975.

.....

S.No.	Name of the Hostel	Year of Construction	Total No. of Seats/rooms	No. of Students Residing on 31.10.1975	Whether Reserved for any Faculty	Whether for Boys or Girls.
1	2	3	4	5	6	7
1.	Birla Hostel	1942	326	348	Fact. of Arts	For Boys
2.	Broach Hostel	1942	328	463	Fact. of Sc.	For Boys
3.	Limbdi Hostel	1942	188	271	I.T.	For Boys
4.	Rajendra Prasad Hostel (K)	1942	65	120	C.H.S.	For Boys
5.	Rajputana Hostel	1942	188	240	I.T.	For Boys
6.	Ruiya Hostel	1942	134	278	I.M.S.	For Boys
7.	Sengupta Hostel	1942	17	25	Foreigners	For Boys
8.	Dhanrajgiri Hostel.	1945	192	238	I.T.	For Boys
9.	Morbi Hostel	1945	195	240	I.T.	For Boys
10.	A.B.Hostel (Kamachha).	1947	98	115	Fact. of S.S. & C.H.S.	For Boys
11.	Swasti Kunj Hostel.	1948	52	121	Womens College	For Girls
12.	De Hostel	1952	124	137	I.T.	For Boys
13.	Kirti Kunj Hostel	1953	61	170	Womens College	For Girls- P.G. and Research
14.	Bhagwan Das Hostel	1954	120	154	Law School	For Boys
15.	Gurtu Hostel	1954	123	166	Fact. of Commerce	For Boys
16.	Aiyyer Hostel	1962	134	124	Fact. of Sc.	For Boys
17.	Radha Krishna Hostel	1962	123	186	Fact. of Agri-culture	For Boys
18.	Ram Krishna Hostel.	1962	131	130	Fact. of Sc.	For Boys
19.	International House.	1964	97	75	For Foreigners	
	" " (Annexe)		13	13		
20.	Dhanwantari Hostel.	1966	216	209	I.M.S.	For Boys
21.	Kasturba Hostel	1966	75	69	I.M.S.	For Lady Doctors' under graduate Hostel.
22.	Viswakarma Hostel	1966	200	208	I.T.	For Boys
23.	Vivekanand Hostel	1966	200	206	I.T.	For Boys
24.	Lady Doctor's P.G.Hostel.	1969	A4	A4	I.M.S.	For Girls
25.	Raman Hostel	1969	134	139	I.T.	For Boys

1	2	3	4	5	6	7
26.	Visveswariya Hostel	1969	212	211	I.T.	For Boys
27.	Doctors' P.G. Hostel.	1970	64	64	I.M.S.	For Boys
28.	Law School Hostel	1970	64	60	Law School	For Boys
29.	Dalmia Hostel	1973	242	251	Fact of Sc.	For Boys
30.	Jyoti Kunj Hostel	1973	101	128	P.G.Girls Hostel for Science & Research Students.	For Girls
31.	Bhabha Hostel	1974	212	187	Fact of Sc.	For Boys
32.	Raja Ram Mohan Rai Hostel	1974	212	210	Fact of S.S.	For Boys
33.	New Agriculture Hostel.	1974	138	140	Fact. of Agr.	For Boys
34.	C.H.Girls' Hostel for P.U.C.(Kamachha)		36	62		For Girls
35.	Mahendravi Lodge		21	56	Fact of S.S.	For Boys.
Total:			4836	5814		

BANARAS HINDU UNIVERSITY

STATISTICS OF STUDENTS RESIDING
IN LODGS. (CHHATTERPUR) (AS ON 21.11.1975).

S.No.	Name of the Lodge	No. of Units	Whether electrified
1	2	3	4
1.	Mahadev Lodge	40	Yes
2.	Driver Lodge	20	Yes
3.	Sheetal Bhawan	45	No
4.	Kashinath Yadav Lodge	38	Yes
5.	Doctor Lodge	14	Yes
6.	Baldutt Lodge	25	No
7.	Sirgoverdhan Lodge	21	No
8.	Radheshyam and Mata Prasad Lodge	30	No
9.	Sundri Lodge	60	Yes
10.	Jagarnath Lodge	3	No
11.	Vishwanath Bhavan	4	Yes
12.	Subhash Lodge	10	No
13.	Shivnath Bhavan	8	Yes
14.	Jugmohan Lodge	12	Yes
15.	Shankar Lodge No. 1	19	Yes
16.	Manna Lodge	16	No
17.	Harnandan Lodge	15	No
18.	Shrinath Pandey Bhavan	11	Yes
19.	Jagai Lodge	5	Yes
20.	Moti Lodge	4	No
21.	Ray Bhavan	4	No
22.	Rukmini Bhavan	8	Yes
23.	Jittusav Lodge	6	Yes
24.	Kashinath Singh Lodge	5	Yes
25.	Ramdhani Lodge	7	Yes

Total: 430

BANARAS HINDU UNIVERSITY

ENROLMENT OF STUDENTS ADMITTED TO VARIOUS PROFESSIONAL COURSES
1974-75

S.No.	Name of the Course	1974-75
1.	2.	3.
1.	B. Lib. Science	41
2.	M. Lib. Science	8
3.	B. Com.	182
4.	M. Com.	81
5.	M.B.M.	79
6.	B.Sc. (Ag.)	313
7.	M.Sc. (Ag.)	148
8.	B.Ed.	163
9.	M.Ed.	22
10.	LL.B.	600
11.	LL.M.	15
12.	B. Mus	23
13.	M. Mus/D.Mus	22
14.	B.F.A.	142
15.	M.F.A.	12
16.	M.B.B.S.	302
17.	M.D/M.S.	149
18.	D.Ay.M.	60
19.	B.Sc. Engg.	1434
20.	M.Sc. Engg.	199
21.	B. Pharm	75
22.	M. Pharm.	19
23.	Dip. Journalism	16
24.	Dip. Hindi	2
25.	Dip. Indian Languages	16
26.	Dip. Urdu	22
27.	Dip. English	28
28.	Dip. Foreign Languages	253
29.	Dip. Arabic	13
30.	Dip. Persian	10
31.	Dip. Linguistics	5
32.	Dip. Museology	43
33.	Dip. Instrumental Music	144
34.	Dip. Vocal Music	58
35.	Dip. Musicology	3

BANARAS HINDU UNIVERSITY

STATEMENT SHOWING FOREIGN ASSISTANCE
DURING FOURTH PLAN.

.....

S.No.	Description	Amount Sanctioned	Amounts authorised	Expenditures upto 1974-75
1	2	3	4	5
		(Rs. in lakhs)	Rs.	Rs.
1.	Pl.480 Research Project 'An investigation of Medical & Reconstructive Procedures in Otolaryngological disorder' under Dr. O.P.Gupta, Deptt. of Otelaryngology, Instt. of Medical Sciences from 19.7.1971 to 18.7.1976.	2.10	1.76	0.70
2.	Pl.480 Research Project 'An Investigation of hearing and speech Disorders in varanasi under Dr.O.P.Gupta, Deptt., of Otolaryagology Instt., of Medical Sciences from 10.7.'71 to 18.7.1976.	2.82	2.49	1.06
3.	N.B.S. Research Project 'Standard Reference Materials for Magnification Calibration of the Electron Microscope under Dr. D.L. Bhattacharya and Dr. O.N. Srivastava Deptt., of Physics from 6.3.1973 to 31.3.1976	3.76	3.72	2.79
4.	Pl.480 Research Project 'Growth and Perfection of Semi-conducting crystal under Prof. P.Krishna, Deptt., of Physics From 30.6.76 to 30.11.1976.	3.35	3.35	1.62
5.	Pl.480 Research Project 'Biochemical Studies on the Induction of enzyius in Rate for prevention of aging' under Prof. H.S. Kanungo, Deptt., of Zoology from 20.4.75 to 19.4'.76..	2.82	2.82	1.25
6.	PL.480 Project 'Biochemical Studies on aging process in animal' under Prof. H.S.Kanungo, Deptt., of Zoology from 8.7.68 to 7.11.73.	2.89	2.89	2.89
7.	Pl.480 Project 'Mechanism of Action and Physiological role of bacterial Ribouncloases under Prof. D.P. Burma, Head, Deptt., of Biochemistry from December 11, '69 to March 31, '73	3.61	3.39	3.38

1	2	3	4	5
8.	Pl.480 Project 'National Generation of Electromagnetic Waves and Interaction with Media' under Dr.R.N. Singh, Professor, Applied Physics, Institute of Technology from 1.9.1969 to 31.12.1973.	1.82	1.00	1.00
9.	Pl.480 Project 'Occurance of Whistlers at Low Latitude under (Late) Prof. B.A.P. Tantry, Deptt., of Physics from 1.12.1969 to 31.8.73)	3.74	3.74	2.37
10.	Pl.480 Project 'Physiology and Bio-chemistry of Nitrogen Fixation by Blue-Green Algae' under Dr.M.N. Singh, Prof. Deptt., of Botany from 4.2.1967 to 3.2.1972.	3.43	3.43	3.44
11.	Pl.480 Research Project 'Field-Ion-Microscopy under Prof. S.Ranganathan, Deptt., of Metallurgy, Institute of Technology from 1970 to 30.4.1975)	0.43	0.43	0.43
12.	Ford Foundation U.S.A. Grant to Bharat Kala Bhavan, BHU from May '72 to March, 1974.	0.50	0.50	0.50
13.	Ford Foundation Grant to Law Faculty.	8.58	8.58	7.93
14.	Population Council U.S.A. Grant for Demographic Research Centre under Dr. S.N. Singh Deptt., of Mathematics (Statistics) from January 72 to 31.5.1976.	1.28	1.27	1.27
15.	The Jain Coffin Childs Memorial Fund for Medical Research U.S.A. Grant to Dr. D.P. Burma, Prof. of Biochemistry, Institute of Medical Sciences from July 1, 1975 to December 31, 1975.	1.20	0.52	0.52
Total:-		42.33	39.89	31.16

BANARAS HINDU UNIVERSITY

Status of Utilisation of the Ford Foundation
Grant No.72-117 as on 30.8.1975.

.....

<u>Description</u>	<u>Allocation</u> \$	<u>Expenditure</u> \$
<u>I. EQUIPMENT</u>		
Spares	100,000	95,034.08
Central Science Facility	90,000	89,851.26
Geology	60,000	64,685.28
Anthropology	30,000	25,028.45
<u>Department of Linguistics</u>		
Laboratory Equipment	20,000	20,129.90
<u>Chines and Japanese Studies</u>		
Laboratory Equipment	5,000	965.00
<u>University Press Equipment</u>	150,000	148,974.17
<u>Reproduction Equipment</u>	75,000	71,715.14
Electronic Desk Calculator Typewriter & other office machine.	40,000	39,009.65
WUS Health Centre	50,000	55,681.75
Computer Equipment	75,000	55,497.51
	<hr/> 695,000	<hr/> 666,472.19
<u>II. LIBRARY ACQUISITION</u>		
<u>Faculty of Law</u>		
Lib. Acquisition	40,000	19,352.61
Lib. Journal	10,000	
<u>Deptt., of Linguistics</u>		
Chinese and Japanese Studies	20,000	13,691.82
	<hr/> 80,000	<hr/> 36,048.77

BANARAS HINDU UNIVERSITY

Examination Results 1973-74

Name of the Examination	No. Appeared	No. Passed	Pass Percentage
1.	2.	3.	4.
<u>1973-74</u>			
Admission	1433	568	38.7%
PUC (Arts)	836	529	62%
B.A. (3 Yrs. Degree Course)	1551	943	60.7%
B.A. (Hons.)	46	41	89.1%
M.A. (Geography)	25	24	96%
M.A. (German)	1	1	100%
M.A. (Psychology)	30	28	93.3%
M.A. (Ind. Phil. & Religion)	49	39	79.5%
M.A. (History)	100	53	53%
M.A. (Urdu)	4	4	100%
M.A. (Art & Arch.)	17	15	88.2%
M.A. (Economics)	59	42	71.1%
M.A. (Bengali)	7	7	100%
M.A. (Persian)	1	1	100%
M.A. (Pali)	1	1	100%
M.A. (Arabic)	1	1	100%
M.A. (Sanskrit)	72	50	69.4%
M.A. (Phil.)	36	29	80.5%
M.A. (Hindi)	176	128	72.7%
M.A. (Political Science)	106	80	75.4%
M.A. (Sociology)	49	46	93.8%
P.U.C. (Sc.)	470	363	79.3%
B.Sc.	364	174	47.8%
B.Sc. (Old Course)	175	78	44.5%
B.Sc. (Hons.)	76	76	100%
M.Sc. (Botany)	22	22	100%
M.Sc. (Psychology)	10	9	90%
M.Sc. (Mathematics)	134	75	55.9%
M.Sc. (Physics)	60	40	66.6%
M.Sc. (Statistics)	18	12	66.6%
M.Sc. (Geography)	10	9	90%
M.Sc. (Geophysics)	20	18	90%
M.Sc. (Biochemistry)	9	9	100%
M.Sc. (Zoology)	29	27	93.1%
M.Sc. (Chemistry)	48	35	72.9%
B. Mus. (Vocal)	2	2	100%
B. Mus. (Instrumental)	6	4	66.6%
B.F.A. (Plastic Arts)	1	1	100%
B.F.A. (Applied Arts)	5	5	100%
B.F.A. (Painting)	4	4	100%

Contd.....

	1.	2.	3.	4.
M. Mus. (Vocal)	1		1	100%
M. Mus (Instrumental)	2		2	100%
M. F. A. (Painting)	4		4	100%
Dip. in Music (Vocal)	10		5	50%
Dip. in Music (Instrumental)	12		12	100%
B. Com.	435		175	40.2%
M. Com.	52		18	34.6%
M. Com. (Old Course)	6		2	33.3%
Paurchitya Ratna	1		1	100%
Madhyama	39		27	69.2%
Shastri	33		28	84.8%
Karmkand Shastri	2		2	100%
Acharya	35		21	60%
L.L.B.	187		111	59.3%
B. Ed. (Theory & Practice)	435		424	97.7%
B. Lib. Science	35		28	80%
M. Lib. Science	8		7	87.5%

BANARAS HINDU UNIVERSITY

STATEMENT SHOWING THE RESEARCH ACTIVITY IN THE
VARIOUS DEPARTMENTS DURING THE FOURTH PLAN PERIOD.

1966-74

S.No.	Faculty/ Department	No. of Research Degrees Awarded	No. of Research Papers/ articles published	No. of Books/ mono- graphs Published	No. of Seminars/ Workshops organised	Research Project undertaken
1	2	3	4	5	6	7
<u>FACULTY OF ARTS</u>						
1.	Ancient Indian History, Culture & Arch.	35	260	28	5	7
2.	Art & Architecture	7	58	5	-	3
3.	Philosophy	51	13	28	-	-
4.	Hindi	93	-	-	-	1
5.	Indian Languages	1	29	7	-	-
6.	Indo-Sumerian Studies.	-	-	-	-	-
7.	Urdu	3	39	7	1	-
8.	Bengali	1	43	5	-	-
9.	English	-	-	-	2	-
10.	Foreign Languages	-	10	9	-	-
11.	Sanskrit & Pali	43	-	-	-	-
12.	Arabic	-	-	-	-	-
13.	Persian.	-	-	-	-	-
14.	Library & Informa- tion Science.	-	90	11	-	3
15.	Physical Education	-	-	-	-	-
16.	Bharat Kala Bhavan	-	-	-	-	-
17.	Journalism and Mass Communication	-	-	-	4	-
<u>Faculty of Social Sciences.</u>						
18.	Economics	19	161	15	-	3
19.	History	15	178	5	-	-
20.	Political Science	16	53	14	4	7
21.	Psychology	22	32	8	-	4
22.	Sociology	6	63	15	4	6
<u>Faculty of Science</u>						
23.	Physics and Spectroscopy	116	830	5	12	18
24.	Chemistry	115	385	-	-	39
25.	Botany	104	352	35	4	9
26.	Zoology	51	364	-	3	20
27.	Geology	26	108	7	-	43
28.	Geography	35	41	3	6	-
29.	Geophysics	20	70	-	-	-
30.	Mathematics and Statistics	71	1062	-	5	-
<u>Faculty of Oriental Learning & Theology</u>						
		3	177	18	-	-
<u>Faculty of Music & Fine Arts.</u>						
		18	50	11	1	1
<u>Faculty of Commerce & Management Studies</u>						
	Department of Commerce	11	85	85	-	6
	Law	-	137	18	-	-
	Education	6	15	2	4	2
Grand Total:		888	4705	341	55	172

BANARAS HINDU UNIVERSITY

STAFF APPROVED & FILLED UP DURING
FOURTH PLAN PERIOD.

S.No.	Department	Post sanctioned				Post filled up			
		P	R	L	O	P	R	L	O
1	2	3	4	5	6	7	8	9	10
1.	Physics (Spectroscopy).	2	5	-	2	2	5	-	2*
2.	Chemistry (Bio-chemistry).	2	2	2	2	2	2	2	2
3.	Botany	1	2	-	3	1	2	-	3
4.	Zoology	1	2	-	3	1	2	-	3
5.	Geology	1	1	-	1	1	1	-	1
6.	Geography	-	1	1	2 [ⓐ]	-	1	1	2
7.	Geophysics	-	1	1	2	-	1	1	2
8.	Mathematics	2	1	-	1	2	1	-	1
9.	Statistics								
10.	A.I.H.Cult. & Arch.	-	2	2	2	-	2	2	2
11.	Art & Architecture	-	-	-	-	-	-	-	-
12.	Philosophy	-	-	-	-	-	-	-	-
13.	Hindi	-	1	2	-	-	1	2	-
14.	Indian Languages	-	3	1	-	-	3	1	-
15.	Bengali								
16.	Urdu	-	1	1	-	-	1	1	-
17.	English	-	-	6	-	-	-	6	-
18.	Foreign Languages	-	2	2	-	-	2	2	-
19.	Nepali	-	-	-	-	-	-	-	-
20.	Sanskrit &	-	1	1	1	-	1	1	1
21.	Pali								
22.	Arabic	-	1	-	-	-	1	-	-
23.	Persian	-	1	-	-	-	1"	-	-
24.	Linguistics	-	-	-	-	-	-	-	-
25.	Language Laboratory	-	-	-	-	-	-	-	-
26.	Library Science	1	2	2	-	1	1	1	-
27.	Physical Education	-	-	1	5	-	-	-	4
28.	Bharat Kala Bhawan/ Museology	1**	-	1	-	-	-	1	-
29.	Journalism	1	-	2+2'	-	1	-	2+2'	-
30.	Sociology	-	1	3	1	-	1	3	-
31.	Pol.Science	-	3	2	6	-	3	2	6
32.	History	-	-	2	-	-	-	2	-
33.	Economics	-	1	2	-	-	1	2	-
34.	Psychology	-	-	1	-	-	-	1	-
35.	Faculty of Law	-	3	3	5	-	3	3	5

*Position accepted

ⓐCopy of letter has been asked

"University had not claimed expenditure.

**Director.

' Part-time lecturer.

1	2	3	4	5	6	7	8	9	10
36.	Vocal Music	-	-	1	2	-	-	-	1*
37.	Instrumental Music	-	-	-	-	-	-	-	-
38.	Musicology	-	-	-	-	-	-	-	-
39.	Faculty of Commerce & B.M.(Com. Unit only)	-	-	2	-	-	-	2	-
40.	Mahila Mahavidyalaya	-	1	4	3	-	1	4	3
41.	Central Library	-	-	-	-	-	-	-	-
42.	Faculty of O.L. & Theology.	1	-	-	-	1	-	-	-
43.	General Education Coordinator.	-	1	-	-	-	1	-	-
44.	Preparation of His- torical grammer of Hindi Language.	1	-	-	1	1	-	-	4
45.	Asian Studies (Sinha- lese).	-	-	1	-	-	-	-	-
46.	Evening College for B.A.	1	-	13	-	-	-	13	-
47.	Education	1	3	2	-	1	3	2	-
48.	Information-cum- Advisory Bureau.	-	-	-	1	-	-	-	1
		16	42	63"	46	14	41	59'	43

*Expenditure not claimed so far.

"including 2 part-time lecturer

'2 Part-time lecturer

✓2 L against R

UNIVERSITY GRANTS COMMISSION

(Statement of Spill-over ¹⁹⁹ forming first charge
on the Fifth Plan allocation).

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Schemes approved during the Fourth Plan period
or earlier and which are required to be completed
during the Fifth Plan period and including the
grants released for the purpose subsequent to
31.3.1974 by the University Grants Commission.

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BANARAS HINDU UNIVERSITY

S.No.	Scheme/Department	Amount payable as on 1.4.1974 Rs.	Reference U.G.C. letter No. & date
1	2	3	4
1.	<u>STAFF</u>		
1.	12 Million Dollar Loan Programme	36,904.20	F.22-1/73(Sc.I)/D2-a)
2.	Field Training work in Geology	7,788.23	F.31-16/66(S) dated 5.9.1966
3.	Mahila Mahavidyalaya (Humanities)	14,487.80	F.1-3/70(H.I/D2-a) dated
4.	Faculty of Law	1,706.64	F.1-3/70(H-I/D2-a)
5.	Historical Grammer of Hindi ¹⁹⁹ Language	960.96	F.1-7/65(H-I/D2-a)
6.	General Education	35,536.67	F.68-6/61(C) dated 7.1.1965
7.	Introduction of Diploma Course in Journalism	29,872.72	F.6-3/72(H-I/D-2(a))
8.	Bharat Kala Bhavan	2,009.21	F.1-9/63(H-I/D-2(a))
9.	Employment of Trained Coaches	18,064.79	F.6-17/70(SA-I/D-2(a))
10.	Evening College	13,528.90	F.46-8/71(HL)/D2-a)
11.	Development Officer	292.47	F.20-1/69(CD/D-2(a))
12.	Faculty of Education	4,50,291.00	F.25-2/70(H-II/TE/ D-2(a)) F.3-11/75(D-2(a))
	Total:-	<u>6,11,441.59</u>	A

....2.

1	2	3	4
II. BUILDING			
13.	Physics	60,000.00	F.21-6/71(Sc.I/D2(a))
14.	Geology	1,128.64	F.21-1/68(Sc.I/D2(a))
15.	Psychology	30,000.00	F.6-2/72(H-I/D2(a))
16.	Law	1,91,150.00	F.1-2/69(H-I/D2(a))
17.	Vocal Music/Instrumental Music/Musicology	5,025.43	F.32-3/65(H/D2(a))
18.	Mahila Mahavidyalaya	2,345.67	F.21-17/63(Sc.I/D2(a)) F.6-3/64(H-I/D-2(a))
19.	International House	7,169.37	F.51-38/59(H/CU/D2(a))
20.	212 Seated Hostel including 2 Warden Quarters	47,000.00	F.61-9/70(CU-I/D2(a))
21.	48 Teacher's Hostel	7,90,000.00	F.33-5/72(CU-I/D2(a))
22.	Non-Teaching Staff Quarters		
a.	10 Quarters for Class IVth Staff	67,500.00	F.32-6/71(CU-I/D2(a))
b.	22 Quarters for Ministerial Staff	3,27,800.00	F.31-3/71(CU-I/D2(a))
c.	4 Quarters for Supdt.	22,000.00	F.31-2/71(CU-I/D2(a))
23.	Hostel for 24. Postgraduate Students Faculty of Education	2,50,000.00	F.25-2/70(H-II/TE/ D-2(a))
24.	US Million Dollar Loan Scheme		
*a.	Air conditioned Room for Growth Cham-ber	26,000.00	F.22-1/73(Sc.I/D2(a))
b.	Isotope laboratory building Department of Zoology	50,000.00	F.22-1/73(Sc.I/D2(a))
	Total: Rs.	<u>18,77,110.11</u>	'B'

III Others

25.	Furniture for Education Deptt.	10,000.00	'C' F.25-2/70(H-II/TE/ D-2(a))
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Grand Total (A+B+C) = Rs.24,98,560.70

*Deptt. of
Botany

UNIVERSITY GRANTS COMMISSION

Schemes approved prior to the visit of the Fifth Plan Visiting Committee-grant forming first charge on the Fifth Plan Allocation.

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BANARAS HINDU UNIVERSITY

S.No.	Purpose/Scheme	Amount sanctioned	UGC letter No. and Date
1	2	3	4
I. <u>NON-RECURRING</u>			
1.	Purchase of Mass Spectrometer etc. for setting up Central Instrumentation Service Laboratory	13,00,000.00	F.3-65/66(T) dated 28.2.1974 F.3-3/75(D-2(a) dated 26.3.1975.
2.	Basic Grant for purchase of Equipment.	7,50,000.00	F.3-3/74(D-2(a) dated 28.5.1974
3.	Basic grant for purchase of Books & Journals.	5,00,000.00	F.3-2/74(D-2(a) dated 28.5.1974
	Total:	<u>25,50,000.00</u>	A
II. <u>RECURRING</u>			
4.	Strengthening of Departmental Libraries & Reorganisation of the Manuscript Section.		
a)	Professional Junior (Rs.400-950)-1 Rs.40,000/-		
b)	Semi-Professional (Rs.130-280)-1 Rs.24,000/-	64,000.00	F.1-4/71(H-I/D-2(a) dated 18.1.1975
5.	Scholarship for students of Faculty of Oriental Learning & Technology 20 stipends @ Rs.50/-pm each & 2 Research Scholarship @Rs.200/- p.m. For academic year 1974-75 & 1975-76.	25,000.00	F.3-1/75(D-2(a) dated 12.3.1975
6.	Scholarship for students of Faculty of Education Scholarship @ Rs.100/- p.m. each to 20% students for academic year 1974-75 & 1975-76	60,000.00	F.1-3/70(H-I/D2(a) dated 22.10.1975 F.3-12/75(D2(a) dated 6.11.1975

1	2	3	4
**7. RESEARCH SCHEMES			
	Centre for Study of State Govt. in the Political Science Department for 1974-75 and 1975-76 only.	50,000.00	F.1-3/70(H-I/D-2(a) dated 26.5.1975 F.3-8/75(D-2(a) dated 9.10.1975
**8.	Reproduction Biology under Prof. JP. Thapliyal, Deptt., of Zoology for 1974-75 and 1975-76.	50,000.00	F.1-3/70(H-I/D-2(a) dated 26.5.1975 F.3-9/75(D-2(a)
**9.	Reproduction Biology under Dr.J.Sharma, Deptt., of Zoology for 1974-75 & 1975-76.	50,000.00	F.1-3/70(H-I/D2(a) dated 26.5.1975 F.3-10/75(D-2(a)
	Total:	<u>2,99,000.00</u>	B

..... Grand Total : (A+B) = Rs.28,49,000.00

- Note: * Continuation of the schemes after 1975-76 is subject to the recommendations of the Visiting Committee.
** Further continuance of the scheme after 1975-76 is subject to the recommendations of the Visiting Committee/consideration under the scheme support of Research Scheme.

BANARAS HINDU UNIVERSITYList of Chemistry Equipment Recommended

(I PRIORITY)

Spares, accessories and components for Cary 14 and Perkin-Elmer 620 spectrometers.	Rs. 33,500
NMR and GLC	Rs. 15,000
Spares, accessories and components for other equipment in Department	Rs. 20,000
Spectrophotometer (Indian)	Rs. 35,000
Incubator (one)	Rs. 10,000
X-Y type Multiple Speed Recorder	Rs. 15,000
Fume Chambers Complete (One)	Rs. 4,000
Titrimeter for Potentiometric Titrations (One)	Rs. 5,000
Photoelectric Colorimeters (One)	Rs. 10,000
pH Meter (expanded scale) (One)	Rs. 10,000
pH Meter (Two)	Rs. 6,000
V.T.V.M.	Rs. 15,000
Tube Furnace	Rs. 4,000
Muffle Furnace	Rs. 4,000
Retavapours (two)	Rs. 7,500
Components for fast reaction kinetics (cathode rays, oscilloscope, Monochromator, photomultiplier and hydrogen lamp)	Rs. 40,000
Strip chart recorder	Rs. 10,000
TLC Scanning (Qual. and quant.)	Rs. 10,000
Signal generator (2Hz-50MHz)	Rs. 20,000
Oscilloscope	Rs. 15,000
Conductivity meter	Rs. 6,000
Single Pan balance (one)	Rs. 5,000
Scalars and counters with single channel pulse analyzer	Rs. 40,000
Chromatographic oven (one)	Rs. 4,000
Paper chromatographic Tanks (four)	Rs. 1,000
Vacuum pumps (two)	Rs. 10,000
Lab air compressor	Rs. 5,000
Undergraduate and M.Sc. Teaching laboratory equipment.	Rs. 40,000

Total: Rs. 4,00,000

Contd....

ANNEXURE-XVIII

Suggested Structure of the M.Sc. (Geology) Course

- I. The Course should be open to only those students who had studied at least two of the three subjects of Physics, Mathematics and Chemistry at their B.Sc. degree who obtained at least 55% marks in their aggregate at their M.Sc. examination.
- II. The number of students admitted for the course must not exceed 15.
- III. The course should initially concentrate on Coal and Petroleum Geology and later incorporate atomic fuels and geothermics as and when practicable.

IV.	A. <u>Core Course</u>	Units ***
	(i) Sedimentary environments*	1
	(ii) Magmatic environments ** (Physical, Chemical and Tectonic) Statistical methods in earth sciences.	$\frac{1}{2}$
	(iii) Advanced Geoexploration	1
	(iv) Mineral Economics & Resource Management	$\frac{1}{2}$
	B. Comprehensive Viva-Voce	$\frac{1}{2}$
	C. Project oriented dissertation	$\frac{1}{2}$
	D. Seminar	1
	E. Electives depending on specialization on equal to 3 units	3

10 Units total for the whole year.

- (i) Applied Micropalaeontology* (1 Unit)
- (ii) Advanced Geochemistry** (1 Unit)
- (iii) Advanced Coal geology and Coal Petrology (1 Unit)
- (iv) Coal mining and rock mechanics ($\frac{1}{2}$ Unit)
- (v) Coal resources evaluation ($\frac{1}{2}$ Unit)
- (vi) Advanced Petroleum Geology ($\frac{1}{2}$ Unit)
- (vii) Reservoir geology and production techniques (1 Unit)
- (viii) Petroleum prospect evaluation ($\frac{1}{2}$ Unit)
- (ix) Nuclear geology and radiometry (1 Unit)
- (x) Geothermics ($\frac{1}{2}$ Unit)
- (xi) Mining and processing of atomic minerals ($\frac{1}{2}$ Unit)

* for those specializing in Coal and Petroleum

** for those specialising in atomic minerals and geothermal

*** One unit (theory or practical) should involve only 2-3 hours /week of formal instruction during the academic session and an equal period of self study home assignment.

II Priority

Centrifuges	Rs. 60,000
Polarograph	Rs. 35,000
DTA/TGA	Rs. 10,000
Pulse Height analyzer	Rs. 1,20,000

Total: Rs. 2,25,000

BANARAS HINDU UNIVERSITY

Annexure-XIX

LIST OF MAJOR EQUIPMENT AVAILABLE IN THE DEPTTS.

S.No.	Name of Equipment	No. of Item	Use/working position
1.	2.	3.	4.
<u>Department of Physics</u>			
1.	Tektronix 585 Oscilloscope	1	In working condition and being used regularly.
2.	ISI Sampling plus Unit	1	- do -
3.	IS2 Sampling Plug in Unit	1	- do -
4.	0768 with plug ins. ECIL Oscilloscope	1	- do -
5.	Marconi Standar Signal Generator	1	- do -
6.	Gas drying system	1	In working condition
7.	Oscilloscope & plug in Unit	1	- do -
8.	Gamma Ray Spectrometer	1	- do -
9.	Ceramanium Lithium Detector	1	- do -
10.	Toktraonix Oscilloscope Model 545	1	- do -
11.	A Hilger Large Quartz Spectrograph	1	In use
12.	Hilger Medim Quartz Spectrograph	1	- do -
13.	Stain Heil Three Prism Glass Spectrograph	1	- do -
14.	Stain Heil Two Prism Quatz Spectrograph	1	- do -
15.	Perkin Elmer 13U Infrared Spectrophotometer	1	- do -
16.	A hilger H 800, Infrared Spectrophotometer	1	- do -
17.	Fuess Glass Prism Spectrograph	1	- do -
18.	A 1 Meter Baush and Lomb Grating Spectrograph	1	- do -
19.	Zeiss Q 24 Medium Quartz Spectrograph	1	- do -
20.	Zeiss Spectrum Projector	1	- do -
21.	Hilger F/4 Quartz Spectrograph	1	- do -
22.	Microdensitometer (Kippen Zonnen Holland)	1	- do -
23.	21' Concave Grating Spectrograph	1	- do -
24.	Hilger Measuring Comperators (2)	2	- do -
25.	35' Concave Grating Spectrograph	1	- do -
26.	Recordin Microphotometer (Russian Make)	1	- do -
27.	Hnd High Vacuum Coating Unit Model 12 A ₂ with acessories.	1	- do -
28.	Zeiss Spectrophotometer VSU2	1	- do -
29.	Recording Rapid Photometer GII	1	- do -
30.	Ruby Laser 6" Red with Power Supply	1	- do -
31.	Electron Microscope (Philips EM200)	1	running in good condition
32.	Three Philips PW-1009 X-ray Units	2	Two Units are running (One needs spare parts for its reconditioning).

Contd.....

..... 1. 2. 3. 4.

Physics (Continued)

- 33. Liquid Nitrogen Plant 1 In working condition and in use
- 34. Powder Diffractometer 1 running but needs repair for optimum operation.
- 35. Unicam and Nonius Weissenberg Goniometers 1 In use
- 36. Two Edwards Coating Vacuum Units 2+1 - do -
- One Hird High Vacuum Coating Unit.
- 37. Ultrasonic Flaw Detector 1 - do -

2. BOTANY

- 1. Phytotron Unit 1 Instrument is in working order but not in use due to lack of power supply.
- 2. Gas Chromatograph 'AIMIL' (MK II-A Dual Column, out fit including T.C.D., P.I.D. Temp. Programme & Recorder Unit) 1 (Set) - do -
- 3. Spinco Model IH High Vacuum Ultra Centrifuge 1 (Set) - do -
- 4. Tiselius Electrophoresis Apparatus 1 (Set) The instrument was received in defective condition and could not be installed even by the Indian Agent, the then, 'BLUE STAR'.
- 5. X-ray Diffraction Unit 1 (Set) The instrument is in use with only one tube but the other essential Iron-X-ray tube which was found broken in original packing is still not available.

3. CHEMISTRY

- 1. Model 800 gas chromatograph 1 In use
- 2. Ultra Centrifuge type VAC 60 (reparative) 1 - do -
- 3. Gas cooling Machine type PW 70000/00 1 - do -
- 4. Glass working lathe type Assistant III 1 - do -
- 5. 181 AR Storage sampling oscilloscope system 1 - do -
- 6. Standard Model 301 A Vapour Pressure Osmometer 1 - do -
- 7. Magnetic susceptibility system cahn 1 - do -

Contd.....

1.	2.	3.	4.
Chemistry (Continued)			
8.	Addison condensing unit Model RC301 U.A. alongwith Blower Evaporator coil	1	In use
9.	Perkin Elmer Infrared Spectrophotometer Model 720	1	- do -
10.	Philips single cylinder Liquid Nitrogen Plant	1	- do -
(IV) <u>ZOOLOGY</u> :			
1.	X-ray apparatus	1	In use
2.	D.B. Beckman Spectrophotometer	1	- do -
3.	International Refrigerated Centrifuge	1	- do -
4.	IBGT Beckman Spectrophotometer	1	- do -
5.	Unicam Spectrophotometer	1	- do -
6.	L.S. 100C Liquid Scintillation Counter	1	- do -
(V) <u>GEOPHYSICS</u> :			
1.	Gravimeter	1	In use
2.	Scintillation Counter	1	- do -
3.	Scismic reflection Unit	1	- do -
4.	Dobson Ozone Spectrophotometer	1	- do -
(VI) <u>GEOGRAPHY</u> :			
1.	Photostate Machine	1	In use working
(VII) <u>MATHEMATICS</u> :			
1.	Sorter - Eighty Column Punching Machine Verifirer	1	In use working
(VIII) <u>WOMEN'S COLLEGE</u> :			
1.	Gansons Gas Plant	1	In use working
(IX) <u>GEOLOGY</u>			
1.	Crating Spectrograph	1	Not in working order due to some spare parts.
2.	X-Ray Equipment for mineral indentification	1	On working order but the roofing of the installatio: site is not yet done.

BANARAS HINDU UNIVERSITY

ANNEXURE-XX

LIST OF EQUIPMENT UNDER 12 MILLION DOLLAR LOAN SCHEME

S.No.	Name of the Department	Name of Equipment	No. of Item	Use/working position
1.	2.	3.	4.	5.
<u>1. Physics :</u>				
		1. Tektroniks 545B Oscilloscope	1	In working condition and being used regularly.
		2. Teltroniks 160 Pulse generator with supplyent	1	- do -
		3. ISI Sampling Plug in unit	1	- do -
		4. GR Signal Generator	1	- do -
		5. Strip-chart Recorder	1	- do -
		6. Wang Electric Desk Calculator	1	- do -
		7. Baush and Lomp. Plane Reflection Grating (6"x8' ruled area with 30,000 lines/inch).	1	- do -
		8. Beckman IR-11 for I.R.Spectrophotometer Assessories	1	The instrument is not in use for the want of dry air compressor
		9. Several Components for Photoelectric Detection.	1	Not in use
		10. Ladd ultrasonic unit for Electron Microscope	1	In use
		11. Ultra Microtome	1	Not installed yet.
		12. Bosch and Lomb Microscope	1	In use
<u>2. Botany :</u>				
		1. Plant Growth Chamber ISCO, Model E-3	1	Instrument was receive in completely damaged condition.
		2. Model 215 A Infra Red Gas Analyzer	1	Incomplete instrument received
<u>3. Chemistry :</u>				
		1. 705 Aerograph auto prep gas chromatograph	1	In use
		2. A-60 NMR Spectrometer System	1	- do -
		3. 257-0007 Model 257 automatic recording double beam optical Infrared Spectrophotometer.	1	- do -
		4. Cary Record in spectrophotometer Model 14 S/N 1832	1	- do -
<u>4. Zoology :</u>				
		1. Electron Microscope (J.C.A.)	1	Partially working (received in very damaged stage)
		2. Nuclear Chicago Liquid Scintillation Counter	1	- do -
		3. International Refrigerated Sentrifuge	1	Alright
<u>5. Geophysics :</u>				
		1. Portable Scismic reflection Unit	1	In Use

Annexure-XXIBANARAS HINDU UNIVERSITY

No. of Residents and Non-Residents -
1966-67 to 1974-75.

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Year	Residents	Non-Residents	Total
1966-67	4741	4257	8998
1970-71	5149	7674	12833
1972-73	5425	9113	14338
1973-74	5573	9175	14748
1974-75	5814	8937	14751

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