

UNIVERSITY GRANTS COMMISSION

AGENDA AND PROCEEDINGS

NO-164

9<sup>TH</sup> DECEMBER AND 10<sup>TH</sup> DECEMBER

1974

UNIVERSITY GRANTS COMMISSION

Minutes of the 164th meeting of the University Grants Commission held on 9th and 10th December, 1974.

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The following were present:

Professor Satish Chandra	- Vice-Chairman (in the Chair)
Dr. Ajit Mazoomdar	- Member
Shri K.N. Channa	- Member
Professor Rais Ahmeu	- Member
Professor S. Gopal	- Member
Professor M. Santappa	- Member
Professor R.S. Sharma	- Member
Professor B.M. Udgaonkar	- Member
Professor J.B. Chitambar	- Member
Shri K.T. Chandy	- Member
Shri R.K. Chhabra	- Secretary

SECRETARIAT

Dr. D. Shankar Narayan	- Addl. Secretary
Dr. J.N. Kaul	- Joint Secretary
Dr. S.K. Dasgupta	- Joint Secretary
Shri S. Visvanath	- Deputy Secretary
Dr. S.C. Goel	- Deputy Secretary
Dr. G.S. Mansukhani	- Deputy Secretary
Shri S.P. Gupta	- Deputy Secretary
Dr. M.L. Mehta	- Deputy Secretary
Dr. T.N. Hajela	- Deputy Secretary
Shri R.P. Bhattacharjee	- Finance Officer

Dr. Amarjit Singh had expressed his inability to attend the meeting.

Item No. 1 : To receive the minutes of the meeting of the Commission held on 24th November 1974.

The minutes of the 163rd meeting of the University Grants Commission held on 24th November, 1974 were confirmed.

The Commission desired that the Delhi University may be requested to send to the Commission the list of teachers, both in the University and its colleges, who had been given extension beyond the age of 60 or 63 years as the case may be, after 1st January 1973 along with the date on which the extension was approved by the University.

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- 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) --

(c) This was noted.

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- Item No. 3 : To approve the statement of grants released after the meeting of the Commission held on 11th November, 1974.

The Commission approved the grants released after the meeting of the Commission held on 11th November, 1974 (Appendix II)\*.

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- Item No. 4 : To receive a statement indicating the progress of issue of Utilization Certificates during the period ending 15th November, 1974.

This was noted.

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- Item No. 5 : To further consider the demands made in the first All-India Convention of National Students Union held in Bombay and those made by the All India Students Federation at its conference held in Cochin.

It was noted that the views expressed by the 1st All-India Convention of National Students' Union held in Bombay and by the All-India Students' Convention at its conference in Cochin on some vital issues of Indian higher education were in general agreement with the Commission's own thinking. It was mentioned in this connection that the Commission had already initiated, within the resources

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\*Not enclosed.

available, several measures to implement some suggestions made at these conferences.

The Commission made the following further observations:

1) The Commission agreed that participation of students in the working of the universities would be an important step in the process of democratisation of higher education. While generally endorsing the recommendations of the Gajendragadkar Committee in this regard, the Commission felt that where a 'Students Council' is not provided for, provision should be made for representation of students on the Academic Council. Care has, however, to be taken that areas relating to examinations, appointment of academic staff, etc., do not come within the purview of students' participation.

Democratisation of higher education, it was felt, was not merely participation of the students in the working of the universities, but, more important, it was opening up of opportunities of access to higher education to students from under-privileged backgrounds. These opportunities will have to be widened, keeping in view the available facilities and resources.

2) The Commission reiterated its earlier decision that capitation fee for purposes of admission to institutions of higher learning was bad in principle and unproductive in practice. It was, however, recognised that institutions will have to raise adequate resources for their efficient functioning and maintenance of standards. The following general principles may be observed if institutions decide to raise funds for their maintenance and development:

- (a) Contributions may be accepted from students on a voluntary basis. It will be a good practice not to accept any contribution from students at the time of admission.
- (b) Admission to institutions should be strictly on merit and in accordance with the conditions prescribed by the university and the institution concerned.
- (c) Additional resources may be raised, in consultation with the university, by a differential fee structure and may be spread over the entire duration of the courses offered by the institution.

- (d) A certain proportion of seats should be reserved for meritorious students who, because of financial difficulties, cannot maintain themselves in such institutions. Such students should be provided exemption from fees and necessary financial support to pursue their courses of studies.
- (e) Contributions raised by the institutions should be used only for maintenance and development of the institutions in consultation with the university concerned.

The question of such institutions receiving general "grant-in-aid" from the State Governments should be further examined.

3) The Commission emphasised the urgent need for organising remedial courses for students coming from deprived education backgrounds. Such remedial courses should not only help them to reach the level of competence required for admission to specialised institutions but should also help them in the mastery of the language which is the medium of education in the institutions concerned. It was recognised that any worthwhile result can be achieved in this direction only with the help of State Governments which should be requested to make a major contribution for this purpose.

4) It was noted that the Commission had already formulated certain guidelines for the establishment of new universities. These guidelines do take into account the higher education needs of rural areas. Establishing a university in a rural area will not necessarily make it a fit instrument of rural development merely by its location.

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Item No. 6 : To receive the proceedings of the meeting of the Committee on linking education and work experience.

The Commission desired that the final report of the Committee's work may be awaited.

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Item No. 7 : To consider the recommendations of the Committee appointed to examine the proposal of the M.S. University of Baroda for assistance for the publication of Gaekward Oriental Series.

The Commission agreed to provide support to the M.S. University of Baroda for the publication of Gaekward Oriental Series. It was noted that the estimated expenditure on this account over the next four years would be about Rs.1,80,000 and that the University had agreed to provide Rs. one lakh for this programme. The Commission agreed to provide a grant to cover the deficit subject to a maximum of Rs.80,000. This amount would be debitable to the V Plan allocation of the University.

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Item No. 8 : To consider the recommendations of the Standing Committee on New Universities and University Centres made at their meeting held on 21st November 1974.

The Commission accepted the recommendations of the Standing Committee on New Universities/University Centres as per Appendix III.

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Item No. 9 : To consider the question of awarding approved construction works of projects financed by the University Grants Commission to Public Undertakings.

The Commission agreed that if a university desired to award the work of building construction to the National Building Construction Corporation or similar public undertaking, the university may do so by negotiation. It was understood that negotiations are actually based on 'actual cost' plus a certain percentage as overhead cost including the profit of the undertaking. The Commission was of the view that before finalising the agreement, the universities should obtain acceptance of the Commission with regard to the 'actual cost' of construction which would be based on the estimates accepted by the P.W.D. A provision could, however, be made in the agreement for revising the actual cost, if necessary, on the basis of statutory price rise in respect of specific items and wages of the labour. It was also desired that the public undertaking concerned should itself undertake the civil work directly and should not sub-contract such work.

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The Commission while accepting the proposal of the Aligarh Muslim University in this regard desired that the buildings so completed by the N.B.C.C. should be got test-checked with the help of the C.P.W.D. with regard to the construction work and costs involved.

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Item No.10: To consider the proposal of the Jawaharlal Nehru University for construction of a second school building.

The Commission desired that the proposal of the Jawaharlal Nehru University for provision of a second school building may be considered by the visiting committee along with the V Plan proposals of the University.

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Item No.11: To consider the proposal of the Meerut University for financial assistance towards the construction of Guest House already completed by the University during the Fourth Plan.

The Commission agreed to provide assistance to the Meerut University for construction of a Guest House already completed subject to the sharing basis as provided in the fourth plan provided further that the amount payable will be a charge on the V Plan allocation of the University.

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Item No.12: To consider a proposal regarding implementation of University Leadership Project in Mathematics at Bombay University under COSIP.

The Commission accepted the proposal of the Bombay University to take up the University Leadership Project in Mathematics under the College Science Improvement Programme and agreed to provide for the purpose a grant Rs.5 lakhs over a period of three years. The Commission desired that the specific purposes and items for which this amount will be utilized may be indicated by the University. It was noted that any academic positions created under this programme will be for the duration of the project.

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Item No.13: To consider the appointment of the members of a Jury for making final selections of scientists for awards instituted by the Commission from out of the endowment made available by the Hari Om Ashram Trust, Nadiad.

The Commission decided that the Jury for making final selection of scientists for awards instituted by the Commission from out of the endowment made available by the Hari Om Ashram Trust, Nadiad, may consist of the following:

1. Vice-Chairman, UGC.
2. Dr. Amarjit Singh
3. Professor Rais Ahmed
4. Professor J.B. Chitambar
5. Professor M. Santappa
6. Professor B.M. Udgaonkar
7. Two other persons to be nominated by
8. the Vice-Chairman.

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Item No.14: To consider the question of financial assistance towards introduction of short-hand and typewriting classes in universities and colleges.

The Commission felt that while the colleges should be encouraged to provide facilities for short-hand and typewriting classes for their students, no separate grant should be paid for the purpose by the Commission; such courses should be organised on a self-supporting basis.

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Item No.15: To consider further the question of pattern of education namely 10+2+3.

The Commission noted that it had already endorsed the recommendations of the Central Advisory Board of Education for adopting a general pattern of 10+2+3 for the first degree course. The Commission endorsed the views of the C.A.B.E. that where a university desired to have a 2-year Pass Course on the pattern of 10+2+2 years, it could do so but in such cases, adequate provision should be made available for such graduates who wish to pursue postgraduate studies by offering



them suitable 'bridge' or 'link' courses. Where universities opt for both General Pass and Honours first degree courses, the Colleges which propose to offer such Honours courses should be carefully selected on the basis of facilities and standards maintained by them.

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Item No. 16: 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 10th February 1975.

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Item No. 17: To consider the work plan for Faculty Improvement Programme.

The Commission generally accepted the plan of work (Appendix IV) proposed for implementation of Faculty Improvement Programme during the fifth plan period viz.;

- I University Leadership Projects
- II Refresher Courses/Short-term Institutes
- III Teacher Fellowships
- IV National Associateships

Refresher Courses/Short-term Institutes may be organised by the University and should be directed towards improvement of curricula, teaching methods and examination reforms to be introduced by the universities. Specific proposals for this purpose may be invited from universities having affiliated colleges.

The organisation of the advanced level institutes and the specific topics of such institutes may be determined in consultation with the subject panels. The Commission further agreed that 6 - 8 Summer Institutes in English may be organised during the current academic year.

The Universities and colleges and wherever necessary the State Governments concerned should be requested to provide academic leave to teachers sponsored and selected for the teacher fellowships.

The Commission also desired that a committee may work out the details relating to facilities to be created for in-service teachers to improve their qualifications beyond M.A./M.Sc. level through correspondence courses.

The Commission agreed that the proposals from universities for organising Seminars, Symposia and Workshops etc., may be considered once a year prior to the beginning of the academic year.

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Item No. 18: To consider the recommendations made by the panels in the Humanities and Social Sciences at their meetings held in September/October 1974.

The Commission generally accepted the recommendations of the Humanities and the Social Sciences Panels and made the following observations:

1. Workshops on modernizing the undergraduate and postgraduate syllabi in various disciplines with a view to integrating in them work experience and a measure of relevance may be organised on a regional basis. It is most important that the Workshops should be preceded by adequate preparatory work and that all the components of the academic community should be represented in these Workshops.
2. The question of developing museums and providing audio-visual aids to the department of History/Archaeology may be brought up separately before the Commission at a later meeting.
3. The proposal to support studies in the history of science outside the V Plan allocation of the Universities may be accepted in principle and the History Panel may be requested to identify a few departments of history/archaeology for the purpose.
4. The Commission agreed to set up a separate panel in Social Work and to call the present panel on Sociology and Social Work as the Panel on Sociology and Social Anthropology.
5. In-service training and further education of college teachers in various disciplines should be developed under the Faculty Improvement Programme.
6. The Commission accepted in principle the development of suitable reading materials for B.A.(Hons.) and M.A. students in Economics and desired that the Economics Panel may prepare a specific proposal towards this end. The question of preparing suitable text-books in Economics with special reference to regional economics may be referred to the Publication Committee.

7. The question of giving special support to some selected universities to publish doctoral dissertations of distinctive merit in some discipline may be considered by the Publications Committee.
8. The question of restricting the LL.M. Course only to full-time students may be discussed by the visiting committees with the concerned universities. Equivalence of the LL.M. Course with M.Phil. Courses may be considered after qualifications of lecturers, consequent on the revision of salary scales, have been considered by the Commission.
9. The universities selected for special assistance under the programme of examination reform are free to bring law departments within the purview of this programme. The matter may, however, be referred to the examination reform committee for advice.
10. A small committee may be set up to prepare a status report on teaching in modern Indian languages and the themes suggested by the Linguistics Panel.

The Commission also desired that an expert group may be set up to consider the long-term goals, immediate objectives and methodology of teaching of foreign languages in India, including English.

It was felt that the question of setting up of review committees on classical Indian languages may be postponed for some time.

11. The Commission approved a grant of Rs.2.12 lakhs for advanced research projects of 11 teachers as per details given in Appendix V. Shri Karumuri V. Subbarao's proposal for a workshop may be referred to the committee which will consider proposals for summer institutes/workshops/seminars etc.
12. The Commission approved a grant of Rs.3,04,150 for research projects of 126 university and college teachers as detailed in Appendix VI.

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Item No.19: To consider the report of the Committee appointed by the UGC to examine the proposal of Rajasthan University for financial assistance towards the introduction of correspondence courses at the postgraduate level.

Item No.20: To consider the report of the Committee appointed by the UGC to examine the proposal of University of Andhra for financial assistance towards the introduction of correspondence courses at the postgraduate level.

Item No.21: To consider the report on the proposal of the Utkal University for the introduction of correspondence courses.

These items were withdrawn

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Item No.22: To consider the recommendation made by the Sub-Committee on COHSIP about selection of colleges for participation in the programme and the guidelines for implementation of the programme recommended at the Conference of Principals of Colleges provisionally selected for participation in the programme.

Consideration of this was postponed to the next meeting.

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Item No.23: To consider further the proposal of the Government of India for making National Service for a specified period as a pre-condition for the award of a degree.

Consideration of this was postponed to the next meeting.

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Item No.24: Review of U.G.C. Programmes.

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

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

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Item No.25: Any other item.

(a) Evaluation of Junior Fellows

The Commission further considered the procedure to be followed for evaluating the work of the junior research fellows who at present are drawing Rs.400 per month, but at the end of two years would be eligible to receive Rs.500 per month. The Commission agreed to the following procedure in this regard:

A research fellow who has completed two years of junior fellowship should be required to submit a report indicating the work done and the progress made in his approved research project. This report should be accompanied by an assessment report from the supervisor of the candidate. These reports may then be referred to two experts who may be requested to indicate (a) whether in the light of the work already done by the candidate, he may be given the increased amount of the fellowship, or (b) may be allowed to continue on the existing basis for another year when his work could be again evaluated, or (c) whether the candidate's work may be assessed after an interview, or (d) the fellowship may be discontinued because of the unsatisfactory progress.

The Commission also desired that the supervisor concerned, while forwarding the assessment report of the research fellow, should indicate the total number of students working for Ph.D. under his guidance at the time of reporting, the name of the students, date of registration and the topic of research of the scholars.

(b) V Plan proposals from Colleges

The Commission noted that the guidelines for preparation of development proposals for improvement of undergraduate educational facilities in affiliated colleges during the V Five Year Plan period have been circulated. The colleges have been requested to send their proposals through the university concerned and also to send a copy of their proposals to their State Governments. It was agreed that the State Governments be requested to communicate to the concerned universities their views on the proposals of the colleges within a specified period. The universities while forwarding the proposals to the Commission with their recommendations would also convey the

views of the State Government on each proposal. This procedure may not be necessary in respect of schemes where the colleges do not expect a matching share to be provided by the State Government or do not expect the State Government to meet in full or share the "committed" expenditure which has to be continued after the Commission's assistance ceases at the end of V Plan.

R.K. Chhabra  
Secretary

Satish Chandra  
Vice-Chairman

The main recommendations of the Standing Committee on new universities and university centres as accepted by the Commission are given below:-

I. Establishment of a University at Rohtak.

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On further considering the proposal of the Government of Haryana for the establishment of a teaching-cum-affiliating university at Rohtak immediately, the Committee was not in favour of establishment of a new university at Rohtak at present. Instead, it was suggested that the Kurukshetra University Act should be amended in such a way that the unitary character of the University is maintained and at the same time a new organizational set up like the Directorate for undergraduate education in colleges is set up as a wing of the Kurukshetra University to deal with the affiliating functions in respect of the colleges that are now affiliating functions in respect of the colleges that are now affiliated to the university consequent upon their transfer from the Panjab University. Suitable provision should also be made in the Act so that it would be possible for such a Directorate for Collegiate Education and for the Postgraduate Centre at Rohtak to function at a high academic level and in an autonomous manner, within the University framework.

II. Upgrading the Postgraduate Centres at Guntur (Andhra University) and Warangal (Osmania University) as fullfledged Universities in Andhra Pradesh.

...

The two existing above Postgraduate Centres should first be enabled to function as autonomous centres academically, administratively and financially. It would be necessary for the Universities of Andhra and Osmania and the State Government to consider how best this could be achieved. The question of bringing about structural changes in the Acts of Osmania and Andhra Universities may also be considered by the State Government so that on the one hand the required autonomy for the Postgraduate Centres be conferred and on the other a separate wing under the aegis of the Universities be brought into being for discharging its affiliating functions for undergraduate education in colleges. The Fifth Plan Visiting Committees which would visit these Centres may also be requested to suggest the measures for the development of these Centres.

III. Establishment of a Science and Technological University in Tamil Nadu.

...

Condition  
that the

It was noted that the Tamil Nadu Government had revised its proposal in conformity with the suggestions and conditions laid down by the U.G.C. and the Government of India from time to time and felt that there was a prima-facie case for setting up such a unitary university as it will pave the way for optimum utilisation of the existing institutions that will form the new university. The proposal was, therefore, accepted in principle, on the condition that the proposed University should also include under it the Department of Chemical Technology, Leather Technology, Textile Technology and Architecture and Town Planning of the University of Madras.

IV. Declaration of Gandhigram Rural Institute as an Institution deemed to be a University.

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A Visiting Committee be sent to Gandhigram to examine the proposal and make recommendations. The Government of Tamil Nadu may also be consulted in this matter, simultaneously, to arrive at a mutually acceptable decision.

V. Establishment of a University Postgraduate Centre at Tellicherry (Calicut University). (Item No.7 of the minutes)

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It was noted that the U.G.C. had already agreed in principle to the starting of a postgraduate centre in Tellicherry subject to the proviso that the Commission would not be able to give any financial assistance for the purpose in the Fourth Plan and the question of assistance to the Postgraduate Centre in Tellicherry will be considered on the basis of a report of an Expert Committee which would visit the University in due course. The Commission also noted that the Postgraduate Centre had started functioning and the Commission had agreed to the creation of one post of Professor in English. In view of this, a Visiting Committee may be constituted to consider the question further, and advise regarding introduction of various courses and financial assistance required during V Plan period.

VI. Establishment of a Postgraduate Centre at Tripura.

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Since the present proposal made by the Calcutta University is in conformity with the advice given earlier, the Commission agreed that the Calcutta University be allowed to go ahead with the establishment of a Postgraduate Centre at Tripura, and a Visiting Committee may be appointed by the Commission to assess the developmental and financial requirements of the Centre.

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The work plan for Faculty Improvement Programmes  
during V Plan period.

The faculty improvement programme would consist of the following activities:-

- I. University Leadership Projects.
- II. Refresher Courses/Short-term Institutes
- III. Teacher Fellowships
- IV. National Associateships.

Details regarding the scope of each of these activities during the Fifth Plan period are given below:

I University Leaderships Projects.

During the Fifth Plan period, every university which has more than 25 affiliated colleges providing undergraduate courses may be invited to take up a University Leadership Project in each of the major subjects so that the instructional facilities and methods in the colleges could be improved in relation ~~to~~ the courses evaluated by each university and the college teachers being provided with a variety of opportunities to improve their competence as teachers. On this basis, about 40 additional University Leadership projects may be initiated in science subjects and a similar number in the humanities and social science subjects during ~~the Fifth Plan period.~~ The ~~adequacy~~ ~~of~~ the present number would enable at least 10 University Leadership Projects to be initiated in each of these two groups annually for the next four years. Each ULP would be for a duration of 3 years.

II Refresher Courses/Short-term 'Institutes'

These Institutes would be generally in the nature of the Summer Institutes so far organised by the Commission, but the universities would be enabled to organise such institutes at any time convenient to them throughout the year, preferably during the vacations. These institutes/ refresher courses may be of four types:

(a) University/State based institutes generally of six weeks duration: Individual universities or a group of universities within a State having affiliated colleges may be assisted to organise each year at least one institute each in a science subject and in a social science subject, depending upon the number of teachers in its affiliated colleges. Since the number of teachers and the number of

affiliated colleges in the different universities and States would vary considerably, provision may be made as follows in determining the number of institutes to be held each year:

- (i) one institute each in science subjects and social science subjects, if the total number of teachers in the subject in degree classes is less than 150;
- (ii) two institutes each in science subjects and social science subjects, if the number of teachers in the subject concerned in degree classes is between 150 and 400;
- (iii) three institutes each in science subjects and social science subjects, if the number of teachers as above is over 400.

On this basis, it is estimated that each year about 75 to 80 Institutes would be held each in (a) science subjects and (b) humanities and social science subjects.

Each such institute of about six weeks' duration may have 50 college teachers as participants. The UGC may provide a maximum grant of Rs. 35,000/- for each such institute. Any extra expenditure should be met by the University/participating college

(b) Refresher Course/Institutes through Correspondence Method.

The programme is intended mainly for the undergraduate college teachers for raising their qualifications and to give them subject-matter competence through correspondence course so as to enable them to become better teachers. The correspondence course may be organised in inter university collaboration basis in each state. The course material to be sent to the participating teachers may be prepared by combined efforts of the subject departments concerned in the State/the universities. But the responsibility of coordinating the work to cover the entire population of college teachers in that subject in the State would be entrusted to one of the departments of the collaborating universities in the State.

Besides the provision of courses through correspondence, over one academic year, the participating teachers may be required to have about 2-4 weeks' contact classes and laboratory work in the form of a short-term institute to be organised by each of the participating departments of the universities in the State for the benefit of the teachers coming from the colleges affiliated to that particular university. The programme of Faculty Improvement through correspondence courses may be viable in such subjects where the number of teachers to be covered is 250 or more in a particular State. The universities may organise correspondence courses for one year or in a sequential manner covering 1-3 years depending upon its convenience and the facilities available. The contact programme of 2-4 weeks

would provide the college teachers a forum for discussing their difficulties and for additional seminars, lectures and practical work.

The estimated expenditure on preparation of course materials etc. to be sent to the participating teachers may be about Rs.5,000/- in a particular subject and the expenditure for the organisation of a contact class of 2 or 4 weeks' duration may vary from Rs.15,000 to Rs.25,000 per annum.

(c) All India Advance Level Institutes.

The All-India Advanced Level Institutes would enable teachers from universities/colleges from different regions to avail themselves of the opportunities for getting acquainted with the latest developments in the subject concerned through lectures, seminars, discussions and possibly through project work. One or two such All India Advanced Level Institutes may be organised in each major subject annually. It would be desirable for a college teacher to participate at the advanced level institute after he has attended at least one institute organised in his State by his University. The total number of participants in an all India advanced level institute may be limited to 50 and the duration may be about six weeks. The participants from university departments in such all India advanced institutes should not exceed 25 per cent and such university teachers may nor may not have attended summer institutes etc. earlier. The location of the all India advanced level institutes can be determined on a regional basis to be organised in universities (affiliating or unitary), IITS and other institutions of National importance.

About ten such advanced level institutes of six weeks' duration may be organised annually in science subjects and an equal number in Humanities including Social Sciences. The organisation of an advanced level institute of six weeks' duration may involve an expenditure of Rs.60,000/- to Rs.70,000.

(d) About ten Institutes in English Language Teaching may be organised each year for the benefit of teachers of English in the colleges. The English language Institutes may be of 6-8 weeks' duration to be located in different regions so as to cover as many college teachers as possible region-wise. Out of ten such institutes to be organised in each year, 2-3 may be of an advanced level on an All India basis for specialised purpose. The estimated cost for each regional institute may be about Rs.30,000 to Rs.35,000 and that of an all India advanced level institute about Rs.60,000 to Rs.70,000.

### III. Teacher Fellowships.

Teacher Fellowships are specifically meant to provide opportunities for teachers to work towards either an M.Phil. or M.Litt. or Ph.D. degree. Accordingly, the teacher fellowships may be of two types :

- (a) short term fellowship of one year's duration: and
- (b) long term fellowship of a duration not exceeding 3 years

as The persons to be nominated and selected for long term teacher fellowships should preferably be below the age of 35 years so that the benefit of their training would be available for a long duration. In the case of short term fellowships of one year duration, preference may be given to teachers who are below the age of 45 years. Such teachers for either the long term or short fellowships should be sponsored by the colleges, which should protect their total emoluments for the period of their deputation and also give them necessary increment due and give an undertaking that such teachers would be taken back to their substantive posts without affecting their seniority etc. The teachers may be required to give an undertaking to serve such institution for a period of at least five year on their return to the college. Similarly, in the case of teachers nominated for one year teacher fellowships, the college should give the same terms as for long term teacher fellowships. The teacher may be required to give an undertaking that he would serve the institution for a minimum period of three years on his return to his substantive post. In either case, the UGC would provide funds to the college concerned for appointing suitable substitutes in place of teachers nominated for these fellowships. The Commission would also provide to the teacher concerned a living expense allowance of Rs.250 per month, provided the teacher undertakes to utilise the fellowships in a university not located in his normal place of duty.

For both these categories of fellowships, a number of university departments and other research institutions should be recognised as approved institutions. The number of teacher fellowships either long term or short term to be accepted by any one of the designated departments to be identified for the purpose would be about 50 covering all subjects. The selection of the teachers would be made by the departments concerned on the basis of the nominations to be received by them. Such departments may be assisted with a contingency grant of Rs.1,000 time and to Rs.2,000 per annum per teacher fellowship. the number of such department

### IV. National Associateships.

The present scheme of national associateships provides for 200 persons to be maintained on the roll of national

associateships for a period of five years and provide for each national associate an opportunity of visiting other institutes upto three times, each visit of a duration not exceeding three months.

In addition to this long term national associateship programme, short term national associateship programme may be initiated wherein teachers may be selected for a single visit during a year to work in any of the universities/research institutions having specialised facilities connected with their research work over a period of 8 to 12 weeks.

Annually 100 such associateships may be awarded and the fellows be required to complete their visit within a period of 12 months from the date of selection. The other requirements and financial provisions of the short term national associateship programme would be the same as in the case of the present national associateship programme.

#### Operational Procedure.

The programme stated above have been suggested to provide to the teachers in colleges a wide variety of opportunities for improving their qualifications and competence and for the exchange of ideas through group discussions. The organisation of an all India advanced level institution in English Language Teachings, and national associateship will be the responsibility to be taken up centrally. In the implementation of programmes like University Leadership Projects, Teacher Fellowships (after identification of the departments/universities) efforts may be made to decentralise the organisational aspects giving considerable autonomy to each university. The university concerned would be required to set-up a suitable machinery for coordinating the organisation of various types of programmes under Faculty Improvement.

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Appendix V to the minutes  
of the UGC meeting held on  
9-10 December, 1975 (tentative)

Projects recommended by the Panels for  
assistance under the scheme 'Support for  
Advanced Research.

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Sl No. Name & Designation of the Investigator. Title of the proposed work/duration Financial assistance recommended  
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SUBJECT - LAW

1. Dr. M. Ghose,  
Prof. of Law,  
S.V. University  
Ceiling on agricultural  
property in Andhra  
Pradesh  
Books,  
Journals  
F.W.  
Cont. 5,000/-

POLITICAL SCIENCE/PUBLIC ADMINISTRATION

2. Dr. C.A. Perumal,  
Prof. & Head of  
Pol. Science Deptt.  
Madras Univ.  
Socio-political ideas  
of perior K.V. Ramaswami  
Naicker  
(2 years)  
1 Res.  
Asstt.  
F.W.  
Books &  
Journals  
other exps. 20,000/-

ECONOMICS

3. Dr. C.D. Singh,  
Prof. & Head of  
Commerce Bhagalpur  
Univ.  
The impact of bank  
financing of agriculture  
in the Distt. of Bhagalpur  
(1½ years)  
Res. Asstt. 1  
Investigators 4  
Steno-  
Typist F.W.  
Questionnaire 45,000/-

4. Dr. M. Sebastian,  
Prof. & Head of  
Economics St. Joseph's  
College Tiruchirappalli  
Correlation between  
prices & production  
in agriculture in  
the districts of  
Tanjore, Tiruchi &  
Pudukkottai of  
Tamilnadu  
(3 years)  
Clerical  
Assistance  
T/FW other  
exps. Books  
& Journals  
Stat & Postage  
Prt. of questionn-  
aire equipment  
others 56,000/-

SOCIOLOGY

5. Dr. S.R. Choudhury,  
Principal,  
Marwari College,  
Bhagalpur  
The socio-economic  
condition of workers  
employed in the  
Tessar, Silk & Dyeing  
Industry of Bhagalpur  
City in Bihar  
(2 years)  
2 Investigators  
Stationery  
Equipment Books  
Printing of  
questionnaire 12,000/-

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SANSKRIT

6. Dr. E.R. Sreekrishna Samkara Kosa. Books, Journals, 25,000/-  
Sarma, 1 Res.Asstt.  
Prof. & Head of Sanskrit  
Doptt. S.V. Univ.

ORIIYA

7. Dr. G.C. Misra, Bibliography of Oriya 1 Res.Asstt. 10,000/-  
Prof. & Head of the periodicals of one hundred Books  
Dept. of Oriya, years 1850-1950) and its Journals  
S.V. Univ. socio-cultural impact on F.W.  
Orissa (2 years)

LINGUISTICS

8. Karumuri V. India as a Lingui- Resch.Asstt. 65,000/-  
Subbarao, stics Area-study in Work shop  
Reader in Ling. linguistics and Travel & Hospit  
Delhi Univ. sociolinguistic Honorarium  
typology (3 years) Miscs. conti-  
gency head

9. Dr. R. Sudarsanam A comprehensive study 1 Res.A. 10,000/-  
Assoc.Prof. of of the linguistic F.W.  
English & Head Treatment of Message Books &  
of Ling.Deptt. in oral and written Journals.  
Agril. Univ. communication in Tamil  
Tamil Nadu by scientists by AIR  
TV and print for  
purposes of extension  
education and formal  
education (3 years)

HINDI

10. Prof. S.T. Narasi- Encyclohaedis of 1 Res. Asstt. 20,000/-  
mchari Head of Deptt. Western literary Books Journals  
of Hindi, S.V. Univ. terms in Hindi Stat.M'





Appendix VI to the minutes of  
meeting of the UGC held on 9-10 Dec., 1975  
(Item No. 18)

Teachers recommended by the Panels for second award during 1974-75 under the UGC Scheme of Financial Assistance to the Teachers in the Universities and Colleges for undertaking Short Term projects in the Humanities and Social Sciences.

S.No.	Name and Designation of the Teachers	Title of approved work	Amount Recommended	Purpose	% of grant recommended to the demand made by the Teacher	Re
1	2	3	4	5		
<u>LAW</u>						
1.	Sh.S.S. Singh 37 years Lecturer T.R.S.Govt. College, Rewa(A.P.Univ.)	The law of intervention with special reference to Bangladesh (for Ph.D.)	2,500/-	Books Journals & F.W.	40%	
2.	Shri K.S.Rao, 33 years, Lecturer Evening College of Law. Hyderabad (Osmania Univ.)	Application of the rules of natural justice in disciplinary proceedings against students	3,500/-	Books & F.W.	78%	
<u>POLITICAL SCIENCE</u>						
3.	Sh.Moin Shakir 32 years Lecturer Marathwada Univ.	Political outlook of the student leaders of Marathwada	2,000/-	F.Work & Questionnaire	100%	
4.	Dr.Kedar Nath Agrawal, Lecturer K.S.Saket P.G. College, Faizabad (Gorakhpur Univ)	Centre State Relation - Legislative and Administrative set up in 2 or 3 States under presidents rule - A case study (1956)	5,000/-	Books & F.Work & Comp.Work	100%	
5.	Sh.S.N. Darye 26 years Lecturer S.B. College of Arts & Commerce, Aurangabad (Marathwada Univ)	Politics of Marathwada : A study of Political development from 1948-1972 (for Ph.D.)	1,500/-	Books, F.Work	50%	

1	2	3	4	5	6	7
6.	Sh. R.N. Mishra, Lecturer Rajendra College, Bolargir (Sambalpur Univ)	The patterns of political Development of Orissa since 1952	2,000/-	Books F.Work		100%
7.	Dr.M.M. Rahman, Lecurer Silver Jubilee Govt. College, Kurnool (S.V. Univ)	Regionalism and caste in Indian politics- A case study of Andhra Pradesh	5,000/-	Books F.W. questionnaire		100%
8.	Sh. Vinod Sethi Lecturer, ARSD College, Delhi (Delhi University)	Judicial Attitude towards the freedom of the press (for Ph.D.)	2,000/-	Books & Journals & FW		40%
9.	Sh. S.K. Sharma, Lecturer, PGDAV College Delhi (Delhi University)	Changing political structure in a district (for Ph.D.)	3,000/-	Books & FW		85%
10.	Sh. N.D. Mrigendra Lecturer, Dibrugarh University	Organisation and working of the education deptt. in Assam (1921-1937) A study of its decision making process	2,000/-	Books F.Works.		100%
11.	Sh. Gopal Singh Asstt. Prof. Himachal Pradesh University	Etiology of Political violence: a case study of Gujarat & Bihar (comparative)	2,000/-	Field work		40%
<u>PUBLIC ADMINISTRATION</u>						
12.	Sh. S.R. Kakade Lecturer, SRT College, Ambajogai (Maharashtra)	Difficulties of Sch. Castes in the integration of our Society	5,000/-	Books F.W. Comp.		100%
13.	Sri K. Murli Manohar Lecturer, KMM Arts & Sc. College, Warangal, (Osmania Univ)	Municipal administration in Andhra Pradesh - A case study of Warangal Municipality	2,500/-	F.Work & Books		55%

1	2	3	4	5	6	7
14.	Dr. Ravindra Sharma, Lecturer, Rajasthan Univ.	Recruitment training and promotion of village level workers in Rajasthan	2,000/-	Books & Journals F.W. and questionnaire	90%	
<u>LIBRARY SCIENCE</u>						
15.	Sh. N.B. Pangannaya Lecturer, Mysore University	Provision and utilisation of Library facilities by the students and teachers in colleges in South Kanara Dist. in Karnataka State.	2,500/-	Questionnaire & F.W.	50%	
16.	Miss K. Navalani Reader, Punjabi Univ.	College Library standards in the Punjab	2,500/-	Books Journals Questionnaire & F.W.	50%	
<u>JOURNALISM</u>						
17.	Sh. S.R. Jagtap, Lecturer, Poona Univ.	Role of TV in Community Development	2,000/-	F.W. and Questionnaire	100%	
<u>COMMERCE</u>						
18.	Sh. Mossa A Baker, Lecturer, Calicut Univ.	Role of small scale industries in the economic development of Kerala (for Ph.D)	5,000/-	Books F.Work & Comp.Work	75%	
19.	Sh.V.S. Agrawal Lecturer, Jodhpur Univ.	Financial management in mgt. small industries a study in working capital management with special reference to industrial estates in Rajasthan (for Ph.D.)	1,500/-	Books, F.Work	100%	
20.	Sh.R.K. Tandon, Associate Prof. of Business Mgt. Punjab Agril, University	Marketing innovations in selected companies (for Ph.D.)	3,000/-	F.W.	100%	
21.	Sh.P. Murali, Lecturer, S.V. Univ, College, Triupeti	Financial Management in cooperative and private sugar Mills in Andhra Pradesh (for Ph.D.)	3,000/-	Books, F.Work	62%	

1	2	3	4	5	6	7
22.	Sh.J.D. Singh, Lecturer, Bhagat Singh, College, Delhi.	Marketing planning a comparative study of public and private sector in India, (for Ph.D.)	3000/-	Books Journals Questionnaire	60%	
23.	Sh.V. Kumar, Lecturer, S.R. College of Commerce, Delhi	Inter-corporate investments in India, (for Ph.D.)	1,500/-	F.Work Questionnaire	100%	Company Law Books for ot relevant lit ature.
24.	Sh.H.V.Joshi, Lecturer, Kanya Mahavidyalya Sangli, (Shivaji Univ)	Managerial problems of engineering small-scale industrial units in Sangli dist.	1,150/-	F.Work & Questionnaire	100%	
25.	Sh.R.N. Misra, Principal, College of Accountancy and Management Studies, Cuttack, (Utkal University)	Problems of rural industrialisation in the small scale sector in Orissa- a study of pilot project companies & Panchayat sector industries (for Ph.D.)	5,000/-	Books & F.W.	66%	
26.	Sh.A.G. Patrudu Lecturer, Ravishaw College, Cuttack (Utkal University)	Developments in disclosures of information in published statement	1,000/-	F.W.	25%	
27.	Sh.B.L. Varshney, Lecturer, Govt.Coil, Shahdol (APS Univ.)	Rwa Sambhag main sakhari vipnan (Shahdol) zile ke sandharadh main (for Ph.D.)	2,000/-	Books F.W. & Computation	50%	
<u>ECONOMICS</u>						
28.	Sh.G. Dasaradha Rama Rao, Associate Lect. Andhra Univ.	Rural Unemployment (for Ph.D.)	3,000/-	Field work & Questionnaire	66%	
29.	Sh.G.Sukrahmanyam Lecturer in Commerce Andhra University	A study of financial Administration of Andhra University (for Ph.D.)	1,500/-	Books & Questionnaire	33%	
30.	Sh.A.Chakraborty 35 years, Lecturer Jadavpur University	Econometric estimation of Rail & Road Transport cost function for the Indian Economy	4,000/-	Books, F.Work & Comp.work	80%	

1	2	3	4	5	6	7
31.	Sh. Nisar Ahmad, Lecturer, Kashmir Univ.	Problems & Prospects of small scale & cottage industries in Kashmir (for Ph.D.)	1,000/-	Books, F.Work	66%	
32.	Sh. Harbhajan, Singh Bal, Field Officer, Panjab Agril. Univ. Ludhiana	Impact of new technology on the distribution of agricultural income in Punjab (for Ph.D.)	3,000/-	Books F.W.	75%	Provided he is doing teaching work.
33.	Sh. N.S. Azad, Lecturer, Punjabi Univ.	Small farmers in Panjab- a study of production constraints & Potentialities	5,000/-	Books F.W.	99%	
34.	Sh. P.J. Acharya, Lecturer A.M.A.L. College Ankapalli, (Andhra Univ.)	Long-term finance and agricultural develop- ment (for Ph.D.)	4,000/-	F.W. & C.W.	80%	
35.	Sh. V.K. Jain, Asstt. Prof. in Commerce, SSIPG, College, Vidisha (Bhopal University)	A study of costs and returns on selected farms in Vidisha Distt. (M.P.) (for Ph.D.)	1,000/-	Books & Reports	66%	
36.	Sh. S.S. Bhunia, Sr. Lecturer & Head, Tamralipta Mahavidyalaya, P.O. Tamluk, Dist. Midnapur (W.B.)	Betal-vine cultivation in West Bengal-Position, problems & Prospects	3,000/-	Books F.W.	60%	
37.	Dr. G. Bhattacharya Sr. Lecturer, Women's College, Agartala, Tripura, (Calcutta Univ.)	Refugee rehabilitation & its impact on Tripura's Economy (for Ph.D.)	1,000/-	Books F.W.	100%	
38.	Dr. Mukh Lal Singh Lecturer, Ranchi University	Unemployment in rural areas of Chhotanagpur (Bihar)	3,000/-	Books F.W. & C.W.	60%	
39.	Sh. A.K. Sen Gupta Lecturer St. Paul's Cathedral Mission College, Calcutta (Calcutta Univ.)	Analysis of income distribution in a multi sector model Indian Empirical Exploration	2,000/-	Books F.W. & C.W.	99%	

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40.	Sh. M.W.Hanif, Sr. Lecturer & Officiating Head, D.B.S. College Dehradun (Garhwal Univ)	Some aspects of planning & programming for Economic develop- ment in India since 1951 (for Ph.D.)	2,000/-	Books, Journals & F.W.	40%	
41.	Sh. N. Anantha- pedmambian Principal & Sr. Professor in Geography, Muthurangam Govt. Arts College, Vellore (Madras Univ.)	The impact of planning on development of social services- A case study of Kanyakumari District (Tamil Nadu)	1,500/-	Books & <del>Journal</del> Questionnaire	60%	
42.	Prof. Shivshankar Mishra, Prof. Saraswati Bhuwan, College of Arts & Commerce, Aurangabad (Marathwada Univ)	A study of Monopoly procurement of cotton in Maharashtra	5,000/-	F.W. & C.W.	72%	
43.	Sh. Krishna Eknath Patil, Lecturer, CP & Bessar College, Nagpur (Nagpur University)	Timber Industry of Vidarbha since 1956-57 (for Ph.D.)	2,500/-	F.W. Books	83%	
44.	Sh.K.K. Kalo, Lecturer in Architecture, Visvesvaraya Regional College of Engineering Nagpur (Nagpur University)	the effect of socio economic conditions of cooperative housing consumer on the physical environment of cooper- ative Housing	3,000/-	F.W. Books.	60%	
45.	Sh.M.R. Shankunwar, Lecturer, Dr. Ambedkar College, Nagour (Nagour Univ.)	The untouchables (Scheduled Castes) in Vidarbha - A socio Economic Survey (for Ph.D.)	2,000/-	Books F.W.	42%	
46.	Sh. S.K. Choudhury, Lecturer, Diphu Govt. College, Diphu (Gauhati Univ.) Assam.	Role of agriculture in the economic development of the hill areas of Assam.	2,000/-	F.W. & Questionnaire	40%	

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SOCIOLOGY

47. Sh. M.K. Rao, Associate Lect. Andhra Univ.	Social change and politics, in a fishing village of Penlakota Visakha-Patnam Dist., A.P.	2,500/-	Books Journals & F.W.	50%
48. Smt. P. Gupta, Lecturer, Gorakhpur Univ.	Socio-cultural aspects of differential fertility in Gorakhpur City (for Ph.D.)	2,000/-	Books, F.W.& C.W.	66%
49. Sh. U.B. Bhoite, Lecturer, Marathwada Univ.	A study of intellectual, role & life of college teachers (for Ph.D.)	1,500/-	Books & F.W.	100%
50. Sh.J.C. Sharma, Lecturer, Tata Inst. of Social Scs. Bombay	Growth of Welfare agencies in greater Bombay	3,000/-	Question- naire CW & FW	75%
51. Sh.P. Ramachandran, Reader, T.J.S. Scs. Bombay	Demographic correlates of urban communities by size.	3,000/-	C.W. F.W. & questionnaire	66%
52. Dr. O.P. Garg, Head of the Deptt. Vardhaman College, Bijnor (agra Univ.)	Political affiliation of workers in an industrial City.	1,500/-	Books F.W.	98%
53. Sh.K.P. Khare, Lecturer, Govt. Degree College, Sidhi (M.P.) (a.P.S. University)	A study of continuity & change among scheduled caste community with special reference to Rewa Dist. of M.P. (for Ph.D.)	3,000/-	Books, F.W.	55%
54. Miss R.Kshama, Psy-Social Worker, All India Inst. of Mental Health, Bangalore	Incidence of Drug addictions among college students in Bangalore.	2,500/-	Question- naire & Project F.W. she is a teacher	71%
55. Sh.V.G. Pendharkar Indore Christian College, Indore (Indore Univ.)	Occupational aspiration of students (for Ph.D.)	2,500/-	Books, F.W.& Questionnaire	80%

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56.	Mrs. K.V. Muley, Saraswati Bhawan College, Aurangabad, (Marathwada Univ)	Muslim attitudes towards Hindu - A Socio Psychological study of a muslim minority community in Augangabad	2,500/- Books & FW	100%	
57.	Dr. A. B. Saran, Reader, & Head Anthropology Deptt. Ranchi College, Ranchi (Ranchi Univ)	Impact of special privileges granted to scheduled castes in the district of Nawada (Bihar) since independence	3,000/- Books F.W.	60%	
58.	Sh. V. C. Jain, Lecturer, Madhav College, Ujjain (MP) Virkam Univ.)	Socio-economic conditions of Digambar Jains in Malwa (for Ph.D.)	1,500/- Books & F.W.	100%	
59.	Sh. M. L. Chautisa Field Guide, Vidya Bhawan Rural Instt. Udaipur (Udaipur Uni.)	Forms of exploitation and social inequality at village level (for Ph.D.)	2,500/- Books, FW	35% subject to his being a teacher	
<u>SANSKRIT</u>					
60.	Dr. P. Sriramanamurti Reader Andhra Univ.	Contribution of Andhra to Sastras in Sanskrit.	2,000/- Books, F.W.	40%	
61.	Sh. S. C. Chakrabarti, Lecturer, Rabindra Bharati,	The rules for inter- pretation (Paribhasa) of the Smritasutra (for Ph.D.)	1,000/- Books,	33%	
62.	Sh. S. Bhattacharya, Lecturer, P.B. College, Calcutta (Calcutta Univ.)	Law of contract with special reference to sale and partnership in ancient India (for Ph.D.)	800/- Books, & Journals	92%	
63.	Km. Rani Sharma, Lecturer, DAV College, Hassangarh, (Kurukshetra Univ.)	Vratas in the Smritis and the Purans.	1,000/- Books	20%	
64.	Dr. G. N. Rajguru Reader, Panjab Univ.	A critical study of Paras Bhag (M.S.)	2,000/- Photo copies & F.W.	40%	
65.	Dr. Durga Vishwanath Dixit Lecturer, Poona Univ.	Hindi Plays staged by the Marathi Theatrical companies (1850 to 1940)	1,500/- F.W. & Books	50%	



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66.	Sh. P.K. Annamma Lecturer M.E.S. Kalladi College P.O. Palghat (Calcutta Univ.)	The concept of devotion in Hindu & Xtian Philosophy with special reference to Meera Bai and St. Little Flower (for Ph.D)	2,000/-	Books & F.W.	40%
67.	Sh. B.D. Lal Lecturer Jagjiwan College Gaya Magadh University	Hindi Journalism during the period of Bhartendu <sup>1</sup> (from 1850 to 1900)	1,000/-	-do-	33%
68.	Sh. G.P. Joshi Lecturer Nagpur Mahavidyalay Nagpur (Nagpur Univ.)	Mauritious main Hindi Bhasha aur Sahitya ke/Sarvekshan/Vikasa (for Ph.D.)	1,000/-	-do-	48%
69.	Dr. Jia Lal Handoo Sr. Lecturer Govt. College Hoshiarpur (Panjab Univ.)	Ahindi Bhashi Kashmir ke Hindi Kavi	2,000/-	-do-	50%
70.	Sh. Raghunath Vasudeo Bivalkar, Lecturer PNG Arts, JDB Commerce & NSC Science College, Nasik Road, Poona (Poona Univ.)	Rao Gulabsinha and his hindi literature(for Ph.D.)	1,000/-	-do-	100%
71.	Sh. M.M. Jawliya Lecturer Govt. College Bhilwara (Rajasthan Univ.)	Hindi Bhasha aur Sahitaya ke Vikas main Arya Samaj ki Patra-Patrikao ka Yagdan (for Ph.D)	1,000/-	-do-	75%
<u>ENGLISH</u>					
72.	Sh. S. Marathe Lecturer (Poona Univ.)	Work book containing practical exercises for students of Modern English structure (including Language Syntax, Spoken English)	1,000/-	Stationery	20%
73.	Dr.(Mrs.) A.T. Bhatia Lecturer Lakshmbai College (Delhi Univ.)	Preparation of a work-book for the teaching of writing in English on the basis of students' errors at the under-graduate level	600/-	Stationery & Questionnaire	50%

1	2	3	4	5	6
74.	Dr. G. Nageshwara Rao Lecturer S.V. University	Existential Angst in Modern Drama	2,000/-	Books & F.W.	45%
<u>MARATHI</u>					
75.	Dr. P.B. Mande Reader Marathwada Univ.	A study of Folk Deities and rituals	2,000/-	Books & Journals	50%
<u>MALAYALAM</u>					
76.	Sh. P.M. Joseph Lecturer St. John's College Anchal, P.O. Kerala (Kerala Univ.)	Prakrit Loan words in Malayalam (for Ph.D.)	1,200/-	-do-	30%
<u>TAMIL</u>					
77.	Sh.N. Ramalingam Asstt. Prof. Yadava College Madurai (Madurai Univ.)	Critical Study of Kanda- puranam (for Ph.D.)	2,000/-	Books, Journals & F.W.	40%
<u>TELUGU</u>					
78.	Sh. D. Sivaramamurti Lecturer V.S.K. Govt. College Visakhapatnam (Andhra Univ.)	A critical study of Sivabharatam (for Ph.D.)	500/-	Books	100%
79.	Sh. M.R. Rao Asstt. Lecturer Govt. College Razole (Andhra Univ.)	A critical assessment of Srisris poetical works (1925-70) (for Ph.D.)	1,000/-	Books	66%
<u>URDU</u>					
30.	Smt. H. Riaz Lecturer Nagpur University Nagpur Univ.	Mohammad Ali Johar - His life and Shairi (for Ph.D.)	2,000/-	F.W.	40%

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81. Dr. A.N. Shaikh  
Asstt. Prof.  
Wadia College  
Poona(Poona Univ.) Influence of Bedil on Urdu  
Poets. 2,000/- F.W. 40%  
Books

LINGUISTICS

82. Sh. Mirza Akbar  
Ali Baig  
Tutor in Urdu  
Govt. City College  
Hyderabad(AP)  
(Osmania Univ.) Mirza Ahi Lutf-Life and  
Works 2,000/- -do- 50%

LINGUISTICS

83. Dr. C.J. Roy  
Director  
Madurai Univ. A description of the language  
of the Palliyas in Tamilnadu 2,500/- F.W. 100%  
& Tapes

84. Sh. S.N. Salgarkar  
Reader  
Poona Univ. Fabrication of Pitch extractor 5,000/- equip. 100%

85. Sh. D.M. Joshi  
Reader  
Poona Univ. Social & Regional Linguistic  
variations of coastal Saurashtra 5,000/- F.W. 100%

86. Sh. P.B. Rao  
Res. Associate  
Poona Univ. A detailed analysis of the Kuvi  
languages 4,500/- F.W. 95%  
Equipt. Subject  
to being  
his a  
teacher

87. Dr. R.P. Saxena  
Lecturer  
Nagpur Univ. A descriptive Grammer of Momin  
Dialect of Nagpur District 1,200/- F.W. 24%

88. Smt. D.A. Vandatt  
Lecturer  
S.G. University A study of English as used in  
in economics (for Ph.D.) 3,500/- Books 100%

89. Dr. V. Prakasam  
Lecturer  
Univ. College of Arts,  
& Commerce(Osmania Univ.) A linguistic Analysis of C.  
Narayana Reddy's Writings  
(in Telugu) 2,000/- Books  
&  
Journals 100%



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8. Sh. S.S. Nathawat Lecturer Kurukshetra Univ.	A comparative study of mental health in creative and non-creative adolescents (for Ph.D.)		2,500/-	Test material Books	50%
9. Sh. R.D. Helode Lecturer Nagpur Univ.	Retrocative interference as a function of personality dimensions (for Ph.D.)		3,000/-	Books & Tests	60%
100. Prof. V.K. Kothurkar Prof. of Psychology Poona Univ.	adaptation of the torrance test of creative thinking		4,900/-	F.W. & Printing	100%
101. Mrs. P.R. Giriya Lecturer Univ. of Agril. Sc. Bangalore	Prediction of academic achievement from non-intellectual variables by using discriminant analysis		2,500/-	Compt. work & questionnaire	55%
102. Sh. B.B. Asthana Lecturer St. John's College Agra(Agra Univ.)	Effects of maternal separation as a function of age and prefrontal lesions in free ranging rhesus monkeys.		5,000/-	Books, Animals & F.W.	100% subject Dr. S.D Singh *
103. Sh. G.P. Thakur L.S. College Muzaffarpur (Bihar Univ.)	Development of a personality inventory to measure psych-sexual development		3,500/-	Books & F.W.	70%
104. Sh. G.P. Choudhary Lecturer L.S. College Muzaffarpur(Bihar Univ.)	Patterns of attitude towards Gandhism (for Ph.D.)		3,000/-	Books & Journals	60%
105. Sh. B.S. Tripathi Reader & Head D.J. College Baraut (Meerut Univ.)	Scholastic achievement as a function of intelligence creativity and some personality factors (for Ph.D.)		2,000/-	Books & Tests & F.W.	80%
106. Smt. Kasturi Jachuck Lecturer Utkal Univ.	Two level theory of mental abilities and cumulative deficit in culturally deprived children		5,000/-	Books, Tests, F.W. & C.W.	66%
107. Smt. S.L. Sahu Lecturer Utkal Univ.	Effect of socio-cultural deprivation on linguistic abilities		4,500/-	Test & F.W.	90%
108. Dr. C.C. Bhattacharya Lecturer Calcutta Univ.	Bengali Adaptation of Wisc and Wias		2,500/-	Equip- ment	25%

102.\* supervising his work

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EDUCATION

109.	Sh. A.S. Sethi Asstt. Prof. School of Education H.P. University Simla	A study of a programme in English spelling in relation to visual and auditory presentation (for Ph.D.)	3,000/-	Tests, Tapes & F.W.	47%
110.	Sh. H.C. Sharma Asstt. Prof. School of Education H.P. University Simla	A study of a programme in a segment of hindi morphology in relation to sequencing and prompting (for Ph.D.)	3,000/-	Tests Books F.W.	49%
111.	Dr. H.G. Desai Reader & Head Saurashtra Univ.	Perception of self and other as related to pressure group membership of college students in saurashtra	3,000/-	Books, F.W. & C.W.	75%
112.	Dr. P. Noronha Lecturer S.V. Univ.	Metaphysical concepts and educational views according to Indian Philosophy	500/-	Books & journals	83%

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1	2	3	4	5	6	7
113.	Sh. I.U. Trivedi, Lecturer, Shri R.Panade, College of Edn. Borsaa (Gujarat University)	Use of branching variety of programmed learning material mathematics as diognostic and remedial tools (for Ph.D.)	2,000/-	FW &Tests	42%	
114.	Dr.(Miss)M.M. Shah Prof. Smt. B.C.J.College, of Education, Khambhat (Gujarat University)	An investigation into the status of a teacher perceived by himself, the students and the community.	700/-	FW Books & qust.	85%	
115.	Sh.D.Srivastava, Lecturer D.S. National Coll. Unnao (Kanpur University)	Curricular learning as function of stress under different motivational conditions(for Ph.D.)	2,500/-	Books,50% Journals FW & Tests		
116.	Km.I.Franklin, Lecturer I.T.College, Lucknow, (Lucknow Univ.)	A study of organizational climate and teacher morale in colleges of education in Gujarat State (for Ph.D.)	2,000/-	Books, 60% FW & qust.		
117.	Sh.M.N.Verma, Lecturer, J.V. Jain College, Saharanpur (Meerut University)	The effect of intemittent reinforcement and extra- version on programmed instruction achievement (for Ph.D.)	2,000/-	Books, FW & Tests	100%	
118.	Sh.G.R. Sharma, N.R.E.C. College, Khurja, (Meerut University)	An experimental study of the correlates of teachers performance in simulated teachers at secondary level (for Ph.D.)	2,500/-	Books, FW & C.W.	45%	
119.	Sh.S.P. Mishra, Lecturer, Regional College of Education, Ajmer (Rajasthan Uni.)	A comparative study of high and low achievers in Science, Commerce and Arts on Creativity Intelligence and anxiety (for Ph.D.)	2,500/-	Books, F.W. & C.W.	55%	
120.	Sh.M.L.Sharma, Lecturer,Teachers Training College, Bikaner,(Raj.Univ.)	A study in the development of teacher competencies of the B.Ed. students-teachers in the training college of Rajasthan.	1,500/-	-do-	60%	

1	2	3	4	5	6	7
121.	Sh.S.Singh, Lecturer V.B. Teachers Coll. Udaipur (Udaipur University)	Relationship between the teacher's personality teaching success and behavioural changes in students (for Ph.D.) <u>EDUCATION</u>	15,00/-	C.W.	100%	
122.	Sh.P.R. Naladkar, Lecturer, Govt. College of Education, Ratnagir (Bombay Univ.)	Basic vocabulary in Marathi of children of standards I and II (for Ph.D.)	2,000/-	F.W. & Books	40%	
123.	Sh.Suresh Chandra, Panth, Lecturer, Regional College of Education, Bhopal (Bhopal University)	A study of the impact of education on the Beliefs, Attitudes and Behaviour of Muria School going Children of Bastar.	3,000/-	Books, F.W. & Questionnaire	90%	
<u>PHILOSOPHY</u>						
124.	Sh.S.M. Shaha, Lecturer, Poona Univ.	A critical and comp- arative study of the Philosophy of Kunda, Kunda.	2,000/-	Books & F.W.	25%	
125.	Sh.B.R. Nimawat, Lecturer, Govt. College, Banswara (Raj.) (Rajasthan Univ.)	Truth and Error (for Ph.D.)	1,000/-	Books	16%	
126.	Dr. S.N. Roy, Lecturer, St. Columba's College, Hazaribagh (Ranchi Univ.)	Concept of Religion in contemporary western philosophy (for D.Litt degree of Ranchi University)	2,000/-	Books, Journals	62%	



Appendix VII to the minutes of the UGC  
meeting held on 9th and 10th Dec., 1974  
(Item No.24).

1. The Commission generally reviewed its working over the past two years since the reconstitution of the Commission under the UGC Amended Act. The discussions mainly related to a self-assessment of (a) the achievements; (b) the weaknesses; and also (c) efforts to be made to overcome these weaknesses and difficulties. The functioning of the Commission was considered under the three major items viz., (a) policies and programmes; (b) implementation; (c) secretarial support. The Commission felt that, on the basis of this self-evaluation, it had been able to make substantial progress in matter of laying down both policies and programmes aimed at the regeneration of higher education in the country in the context of the V Plan; putting forward a policy of restricting unplanned growth of universities and colleges; bringing the concept of planning to universities and colleges, and preparing them for introducing new areas for study and research. The Commission, therefore, felt that while it could feel justified in its achievements and need not feel diffident, there was still a considerable part of its work to which the Commission had to devote its thought and action.

Programmes  
& Policies

2. During the past two years, the Commission has reviewed the various policies and programmes of higher education so far followed by the Commission upto the end of the fourth plan. It was felt that several of the programmes developed by the earlier Commissions were of importance and had helped in raising university and college standards and facilities several of these programmes as well as policies needed modification and re-orientation in the present context keeping in view the objectives and goals of higher education during the V Plan period. This evaluation, re-structuring and re-orientation of the programmes, as well as procedures of implementation had been undertaken with the help of the various standing and ad-hoc committees and expert panels so as to ensure participation by a wide section of the academic community. At the same time, inadequacy as well as uncertainty of the resources created difficulties in the fuller implementation and effectiveness of the Commission's programmes. Yet another important limitation in the full effectiveness of the programmes of the Commission related to the managerial and administrative procedures prevailing in the university system.

3. A major policy decision taken by the Commission related to providing more support for university research and revision in the emoluments of the research personnel and the university academic staff so as to attract and retain the best talent available within the university system.

4. The Commission noted that, besides re-orienting the existing programmes so as to make them more effective and widespread over the university system, the Commission had been able, in the past two years, to initiate several new activities also. The Commission had formulated guidelines for comprehensive and multi-dimensional development of the universities as well as the affiliated colleges. The guidelines, besides indicating the general objectives and philosophy to be pursued during the V Plan period, also set out certain important directions of growth and development so as to bring in within the next five years the necessary re-structuring, flexibility and autonomy in the functioning of the various institutions. These directions specifically related to (a) autonomous colleges, (b) re-structuring of courses of study in relation to regional or local (rural) relevance, (c) examination reforms, (d) development of postgraduate facilities outside the university headquarters; and (e) inter-institutional coordination and development.

Implementation. 5. The Commission noted that the experience over the past two years had also brought out certain inadequacies and gaps or weaknesses in its functioning. One of the major weaknesses related to a) the means of communication with the academic community, and b) involvement of academics at different levels, both with regard to the formulation of programmes as well as implementation of the programmes at the institutional level. The proposed journal to be published by U.G.C. on higher education would serve as a vehicle for such communication and flow of information in both directions. It will also enable open discussion on important emerging academic issues and feedback on the impact of the various activities funded by the Commission. Such a dialogue with the academic community should prove useful to the functioning of the Commission. It was felt that the Commission should establish multi-channel communications with the academics, not relying exclusively on Registrar's offices as at present. Regional conferences, seminars, etc. on important issues can elicit a cross section of the views of teachers, students, educational administrators and others concerned with higher educational programmes in the country. A beginning in this direction has been made through the regional workshops, but these need to be considerably expanded.

6. It would also be desirable for the members of the Commission to establish channels of communications and dialogue with the universities and colleges in the region so as to bring to the notice of the Commission problems of regional significance. The Commission's programmes should then be flexible and capable of adjustment so as to respond to such regional needs.

7. Similarly, it would be necessary to have greater inter-action with the State Governments. Regional meetings with Vice-Chancellors, State Grants Committees etc. would be useful for the purpose, as well as discussion of State educational plans.

While emphasizing the need for R&D projects in universities, care should be taken that the infra-structure created in universities does not mean over-emphasis on consultancy to the neglect of basic research.

8. The Commission also felt that the machinery for decision making, both within the Commission as well as in the university system, should be sharpened so that decisions could be taken at the appropriate time without delay, and action initiated for implementing such programmes when the situation really warrants.

It was felt that the question of providing some training in management/organisational techniques to administrators/senior faculty members in universities could be studied further. Similarly, the Commission felt that there was greater need for coordination and inter-facing of related programmes taken up in sciences, humanities and social sciences, engineering and technology having common purpose, objectives as well as mechanism of implementation. This would have much beneficial results at the institutional end also. It would also help in a comprehensive view of higher educational problems rather than encourage a number of parallel, disparate activities without inter-action.

9. The Commission also felt it necessary to establish a convention by which the academic community who serve as members of various committees should be kept informed of the decisions taken by the Commission on the recommendations made by them and also the implementation and evaluation of these activities from time to time. This would bring to the members of such committees a greater sense of participation.

Secretariat.

10. As regards the internal organisation of the Commission's secretariat, it was noted that some concerted efforts had been made in the past two years to reorganise the work into various cohesive divisions keeping in view the problems of development of different regions, inter-university collaboration, similarity of programmes and activities, and to lay equal emphasis both on general development schemes as well as selected programmes which would help in the improvement of standards and quality of education. The re-organisation of the work had also brought to the surface the urgent need for further strengthening of the secretariat and provide to the officers sufficient time to engage themselves in specific studies either in relation to the regional needs or in respect of specific programmes. Such studies within the office would increase the efficiency of the functioning and effectiveness of the programmes. It was agreed that a Research Wing should be set up in the U.G.C., to engage in research on important educational developments such as curriculum reforms, evaluation techniques, monitoring of research programmes particularly with regard to the R&D activities in the universities. Such a Wing should be staffed by seconding persons from universities. If necessary, some of the existing staff could also be seconded to this Wing. The staff of this Wing may not have to deal with the other day to day work of the Commission. A suggestion was made that for this a certain number of floating posts (Research Officers) may be created and the recruitment made on a tenure basis depending upon the requirements at any given time.

11. It was agreed that a Documentation-cum-Evaluation and Planning Unit be set up in the U.G.C. and the details of this may be worked out by a Committee.

12. Early steps may also be taken for the appointment of a Director for Science Research Council and its supporting staff. The Director should be able to help establishment of inter-phasing between universities, research laboratories and also help in formulating R&D projects.

13. It was felt that considerable thought and attention had not been given so far to several other important activities which concern the Commission's functions during the V Plan period. One of them related to the student amenities and welfare programmes. This was to some extent due to paucity of resources so far and the inadequacy of financial allocations to the Commission during the V Plan period. It had not been possible to make larger inputs for development of students amenities, even in the matter of providing hostel accommodation. While some funds have been made available for students hostels, non-resident student centres, study centres, health centres, book banks and student aid funds, the present inputs in each of these programmes have been at a very sub-critical level. Unless funds of an optimum size or "threshold level" can be channelised for these vital activities affecting the student life in their most formative years, no appreciable impact is possible. It was noted that some of these programmes were presently under review and the results of such reviews would help the Commission in concentrating on some of these programmes and channelising available resources so as to derive maximum benefits. The Commission would also have to give some thought to facilities for Sports and Games in the Universities and Colleges.

enterprises  
etc.,

14. The Commission also considered the desirability of UGC making efforts to mobilising resources from private organisations, foundations public in view of the limited allocations which the Government of India itself can make available for the various programmes to be taken up by the Commission during the V Plan period. In this direction, a view was expressed, that providing tax relief may act as an incentive for such philanthropic organisations to make donations to the Commission either for specified purpose or for general activities taken by the Commission. It was agreed that this may be taken up with the Government of India.

15. Yet another important activity which should be taken up by the Commission related to making available to the students and the teachers necessary tools which would include text-books of quality and good standard other reading material, laboratory manuals and teachers guides, books and journals as well as educational aids required for effective class-room and laboratory instructions. The programme of preparation of university level books which was taken up by the Commission during the Fourth Plan period, as an earmarked programme with the funds provided by the Ministry of Education, has not been able to keep pace mainly due to lack of funds. Since the Commission itself has a major responsibility in this direction, it should undertake, from the funds available to it, the programme of production of books required for university level. The types and title

of books required could be assessed with the help of subject panels, both for purposes of eliminating the existing gaps as well as for production of books with relevance to national needs.

16. Over the past two years a beginning has been made to identify a few locations where examination reforms could be initiated. These institutions should serve as focal points of examination reforms and help establishing an effective net work and thus have a multiplier effect enabling other universities and institutions also to implement such reforms with confidence. It is true that any such reform programmes could have multiplier effect only where major institutions are involved and can share their experience with other institutions. The evaluation techniques developed by these centres and the Question Banks developed by them should be available for use widely. The Commission should obtain such materials and techniques so developed and make them available to other institutions and also help such institutions in implementing these reforms. The idea of 'question bank', which by its very nature has to be dynamic, will become acceptable to the extent it has enough flexibility to provide for the individual teacher's initiative also. The extent to which 'question banks' could be used as a source for different examinations would vary from institution to institution. The programme of examination reform should make it possible for any institution with a worthwhile programme to obtain support on the basis of critical assessment of the approach as well as the possible outcomes. The examination reforms can be expected to succeed most in situations where they are individualised in relation to the students and staff composition of the institution concerned and these could be further revised on the basis of exchange of experience of a large number of institutions implementing such reforms.

17. Similarly, the existing apprehensions about grading, on the basis of internal evaluation and new examination methods, could also be removed gradually by establishing acceptable norms for reliable grading of students performances. It may also lead to a practice of institutions giving detailed transcripts indicating the students performance in different subjects as against the present system of overall classification of students into divisions.

18. The Commission felt that since considerable part of the UGC funds are utilised by universities and colleges for construction of buildings for various purposes, the Commission should give sufficient thought to the kinds of buildings, norms, building materials, maintenance of buildings to ensure economy and better utilisation and keeping in tune with the local environments. An expert committee could look into these aspects and provide necessary guidelines for various construction programmes.

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 9th & 10th December, 1974  
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 24th November, 1974.
- 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 meeting of the Commission held on 11th November, 1974.
- Item No.4: To receive a statement indicating the progress of issue of Utilization Certificate during the period ending 15th November, 1974. P.1-2
- Item No.5: To further consider the demands made in the first All-India Convention of National Students Union held in Bombay and those made by the All India Students Federation at its conference held in Cochin. P.3-21
- Item No.6: To receive the proceedings of the meeting of the Committee on linking education and work experience. P.22-28
- Item No.7: To consider the recommendations of the Committee appointed to examine the proposal of the M.S. University of Baroda for assistance for the publication of Gaskward Oriental Series. P.29-30
- Item No.8: To consider the recommendations of the Standing Committee on New Universities and University Centres made at their meeting held on 21.11.1974. P.31

P.T.O.

- Item No.9: To consider the question of awarding approved construction works of projects financed by the University Grants Commission to Public Undertakings. P.32
- Item No.10: To consider the proposal of the Jawaharlal Nehru University construction of a second school building. P.33-34
- Item No.11: To consider the proposal of the Meerut University for financial assistance towards the construction of Guest House already completed by the University during the Fourth Plan. P.35
- Item No.12: To consider a proposal regarding implementation of University Leadership Project in Mathematics at Bombay University under COSIP. P.36-37
- Item No.13: To consider the appointment of the members of a Jury for making final selections of scientists for awards instituted by the Commission from out of the endowment made available by the Hari Om Ashram Trust, Nadiad. P.38-44
- Item No.14: To consider further the question of financial assistance towards introducing shorthand and typewriting classes in colleges affiliated to Delhi University. P.45
- Item No.15: To consider further the question of pattern of Education namely 10+2+3. P.46
- Item No.16: To note the date and place for the next meeting of the Commission.

Any other item.

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'GPHUGH'

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:  
Dated: 9th & 10th December, 1974  
Time : 10.00 A.M.  
Place: UGC Office, New Delhi.

A G E N D A

- Item No.17: To consider the work plan for Faculty Improvement Programme. P.47-52
- Item No.18: To consider the recommendations made by the panels in the Humanities and Social Sciences at their meetings held in September/October 1974. P.53-117
- Item No.19: To consider the report of the Committee appointed by the University Grants Commission to examine the proposal of Rajasthan University for financial assistance towards the introduction of correspondence courses at the postgraduate level. P.118-127
- Item No.20. To consider the report of the Committee appointed by the University Grants Commission to examine the proposal of University of Andhra for financial assistance towards the introduction of correspondence courses at the postgraduate level. P.128-135
- Item No.21: To consider the report of the proposal of the Utkal University for the introduction of correspondence courses. P.136-148

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'C'U'GH'



CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:  
Dated: 9th/10th December, 1974  
Time : 10.00 A.M.  
Place: UGC Office, New Delhi.

A G E N D A

- Item No.22: To consider the recommendation made by the Sub-Committee on COMSIP about selection of colleges for participation in the programme and the guidelines for implementation of the programme recommended at the Conference of Principals of Colleges provisionally selected for participation in the programme.  
P.149-167
- Item No.23: To consider further the proposal of the Government of India for making National Service for a specified period as a pre-condition for the award of a degree.  
P.168-174

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Minutes of the 163rd meeting of the University Grants Commission held on 24th November 1974.

The following were present:

Professor Satish Chandra	Vice-Chairman (in the Chair)
Dr. Ajit Mazoomdar	Member
Shri K.N. Channa	Member
Professor Rais Ahmed	Member
Professor S. Gopal	Member
Professor M. Santappa	Member
Professor R.S. Sharma	Member
Professor B.M. Udgaonkar	Member
Professor J.B. Chitambar	Member
Shri K.T. Chandy	Member
Shri R.K. Chhabra	Secretary

SECRETARIAT

Dr. D. Shankar Narayan Addl. Secretary

Dr. Amarjit Singh had expressed his inability to attend the meeting.

Item No. 1: To receive the minutes of the meeting of the Commission held on 11th November 1974.

The minutes of the 162nd meeting of the University Grants Commission held on 11th November 1974 were confirmed.

Arising out of the minutes (Item No. 6), it was desired that the question of providing funds, outside the UGC allocation for fifth plan, for development of the medical colleges and the attached hospitals of the Central Universities may be further pursued with the Government of India.

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

The Commission approved the action taken on items listed in Appendix I\*.

Item No.3: To receive a statement of expenditure incurred by the University Grants Commission during 1974-75 upto 31.10.1974.

This was noted.

Item No.4: To consider matters arising out of the decision taken by the Government of India regarding revision of scales of pay of the teachers in Universities and Colleges.

The Commission considered the recommendations of the Committee regarding the minimum qualifications for recruitment to the post of Lecturers in the Universities and Colleges consequent upon the revision of scales of pay of teachers of the Universities and the Colleges; and agreed to the following  
University Lecturers

- (a) A doctor's degree or equivalent published work of high standard; and
- (b) consistently good academic record with 1st or higher 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) & (b) 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 a very high standard it may relax any of the qualifications prescribed in (b) above.

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

#### Explanation

Consistently good record would mean overall record of all assessments throughout the academic career leading to the Master's degree, which should at least be B+ or high second class.

Fixation of salary of teachers

The Commission recommended that the salary of the Lecturers in the selection grade in the Colleges of Delhi University (Rs.700-1250) may be fixed in the revised scale of pay of Rs.700-1600 in accordance with the formula agreed to for purposes of revision of scales of pay or at Rs.1,100 whichever is more.

The Commission further recommended that the same method of fixation of salary of Senior Lecturers/Readers in the scale of Rs. 700-1100 in the 1966-71 revision of scales of pay and now fixed in the revised scale of pay of Rs.700-1600, may be followed in case of teachers in the colleges affiliated to State Universities.

Work-load

The Commission agreed that the recommendations of the Sen Committee in this regard be communicated to the Universities and keeping this in view, they may indicate the number of periods etc. per week a teacher is expected to take. The Commission was further of the view that while no doubt some work is done at home, it should however be ensured by the universities that the teacher is present and is available to students at least for 20 hours a week on the official premises of the University/College and further no teacher is expected to do more than three hours of lecturing in a day. These may be circulated to the Universities as guidelines and the detailed rules may be framed by each University.

The Commission desired that the questions relating to assessment of Lecturer's work, work-load for teachers for correspondence courses and evening classes, and submission of plan of work may be considered at a later meeting.

Any other item

The Commission noted that the next meeting of the Commission will be held on 9th & 10th December 1974 in New Delhi. The Commission was of the view that in view of the work of the Visiting Committees with which the members of the Commission will be associated, no meeting may be held in January 1975. The date for the meeting of the Commission to be held in February 1975 would be decided later.

Ra K. Chhabra  
Secretary

Satish Chandra  
Vice-Chairman

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 9th & 10th December, 1974

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

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- (1) The award of German Academic Exchange Service Fellowships (DAAD) 1975, under Indo-FRG Cultural Exchange Programme 1972-74 on the recommendation of the U.G.C. Committee.

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The German Academic Exchange Service, New Delhi, has offered ten fellowships for one year's duration to the Commission for 1975-76 to enable junior teachers of universities/institutions to have advanced training in FRG Universities/Institutions in the fields of Natural Sciences, Mathematics, Geology and German Language. Nominations in prescribed proforma were invited from all universities/institutions in these fields and 137 applications from eligible candidates were received. The Commission constituted a Committee which examined all applications and recommended that 38 candidates may be called for interview. These 38 candidates were called for interview in the office of the Commission on Sunday, the 3rd November 1974, and 33 of 38 attended the interview.

The Committee consisted of following members:-

1. Prof. A.N. Mitra,  
Head of the Department of Physics,  
Delhi University, Delhi.
2. Dr. F. Ahmed,  
Head of the Department of Geology,  
Aligarh Muslim University, Aligarh.
3. Professor K.N. Saxena,  
Department of Zoology,  
Delhi University, Delhi.
4. Prof. B. Ramamorthi,  
Head of the Department of Chemistry,  
Indian Agricultural Research Institute,  
New Delhi.

P.T.O.

5. Professor P. Talgeri,  
Head of the Centre for German Studies,  
Jawaharlal Nehru University,  
New Delhi.
6. Miss Marga E. Schmitz, Director,  
German Academic Exchange Services,  
New Delhi.

The Committee met in the office of the Commission on 3rd November, 1974, and recommended for interviewing the candidates following ten names under first priority for award of GAES Fellowships, 1975. Besides these ten, two more candidates have been recommended (in order of merit) who could be considered for the award in case any vacancy arises out of the list under first priority. The Commission has accepted the recommendations and the names of the selected candidates have been forwarded to the German Academic Exchange Service, New Delhi. Besides the maintenance and other allowances for the stay of the selected candidates in West Germany, the FRG authorities will be providing both ways international air fare from Delhi.

First Priority List

1. Dr. Arunkumar Misra, Assistant Professor  
in Botany, C.M. College,  
Mithila University, Darbhanga.
2. Dr. Anil Kumar Mukhopadhyaya,  
Lecturer in Physiology,  
Institute of Medical Sciences,  
Banaras Hindu University, Varanasi.
3. Mr. Mohamed Saleemuddin,  
Lecturer in Biochemistry,  
Aligarh Muslim University, Aligarh.
4. Mr. S. Jayarama Reddy,  
Lecturer in Chemistry,  
S.V.U. Postgraduate Centre,  
Sri Venkateswarapuram.
5. Mr. Virendra Kumar Singh,  
Lecturer in Geology,  
Indian School of Mines, Dhanbad.



6. Miss Majan Mousaschab Mulla,  
Lecturer in German,  
Karnatak University, Dharwar.
7. Dr. J.G. Misra,  
Lecturer in Mathematics,  
Indian Institute of Technology, Kanpur.
8. Dr. J.P. Srivastava,  
Lecturer in Physics,  
Aligarh Muslim University, Aligarh.
9. Dr. N.K. Bansal,  
Lecturer in Physics,  
St. Stephen's College,  
Delhi University, Delhi.
10. Dr. Jai Prakash,  
Lecturer in Physics,  
University of Gorakhpur, Gorakhpur.

Waiting List

11. Dr. K. Srinivasan,  
Lecturer, PG Physics Department,  
The American College, Madurai.
12. Dr. Vijay Kumar Syal,  
Assistant Professor of Chemistry,  
Himachal Pradesh University, Simla.

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- (2) Applicability of the Government of India orders regarding relief to pensioners to the concerned employees of the University Grants Commission.

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The Government of India orders contained in the Ministry of Finance (Department of Expenditure) O.M.No.F. 13(4)-EV(A)/74 dated the 3rd June, 1974, O.M.No.F.13(10)-E.V.(A)/74 dated the 28th August, 1974 and the clarifications issued vide that Ministry's O.M.No.F.13(7)-E.V.(A)/74 dated the 26th June, 1974 regarding grant of relief to the Central Government pensioners have been made applicable to the concerned retired employees of the University Grants Commission.

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(3) Proposals accepted by the University Grants Commission for Colleges in Eastern India.

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The proposals of the colleges in the Eastern Zone have been accepted by the Commission during the period from June 1974 to November, 1974:-

<u>S.No.</u>	<u>College</u>	<u>Purpose</u>	<u>Approved cost</u>	<u>UGC Share</u>
1.	Moirang College, Moirang.	Additional Teaching Accommodation.	1,78,329/-	1,18,886/-
2.	Nowgong College, Nowgong.	Living Room furniture for men's hostel.	12,920/-	6,460/-
3.	T.N.B. College, Bhagalpur.	Residential Flats for Teachers 80:20.	1,78,221/-	1,41,253/-
4.	R.D. & D.J. College, Monghyr (Bihar).	Residential Flats for teachers (8 flats) 80:20.	1,78,221/-	1,41,247/-
5.	Marwari College, Bhagalpur.	Residential Flats for teachers.	1,78,221/-	1,00,000/-

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(4) Recommendation of the U.G.C. Advisory Committee on Seminar, Symposia, Workshop and Refresher Courses.

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The Commission constituted a Committee to recommend suitable financial support in the organization of Seminars, Symposium, Workshop during 1975 with the following members:-

1. Professor R.S. Sharma, Department of History, Delhi University, Delhi. (could not attend)
2. Professor Randhir Singh, Department of Political Science, Delhi University.
3. Professor S.C. Dube, Director, Indian Institute of Advanced Study, Simla.

4. Professor N. R. Deshpande,  
Department of Political Science,  
Nagpur University.
5. Professor Gautam Mathur,  
Department of Economics,  
Osmania University.
6. Professor S. Gopal,  
Department of History,  
Jawaharlal Nehru University (could not attend)
7. Professor Sivatosh Mukherjee,  
Department of Life Science,  
Jawaharlal Nehru University.
8. Professor M. Santappa,  
Department of Physical Chemistry,  
A.C. College of Technology, Madras.(could not attend)
9. Professor K. C. Ramanathan,  
School of Mathematics,  
Tata Institute of Fundamental Research,  
Bombay.
10. Prof. U.N. Singh,  
Department of Mathematics,  
Delhi University (could not attend).
11. Professor B.S. Sood,  
Department of Physics,  
Punjab University.
12. Professor C. Mande,  
Physics Department,  
Nagpur University.
13. Professor Arun Sharma,  
Department of Botany,  
Calcutta University.
14. Dr. Gurbux Singh,  
Vice-Chancellor,  
University of Hyderabad, Hyderabad.

The Committee at its meeting held on 16.11.74 examined in all 168 proposals received from various universities/institutions for the organisation of Seminar, Symposia, Workshop etc. during 1975 and recommended 43 proposals as under:-

- (A) Science Subjects : 20 Proposals (Annexure-I)  
(B) Humanities including : 23 Proposals (Annexure-II)  
Social Sciences.

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- (5) Financial assistance to teachers for research work in science - Selection for 1974-75.

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The meetings of the selection committee for financial assistance to teachers in Science for Research Work were held on 24th September, 1974 and 16th October, 1974. A total number of 1142 applications were received in different science subjects. The selection committee has selected 274 teachers under the scheme for 1974-75 and a grant amounting to Rs.10,20,650/- has been approved as detailed below:-

<u>S.No.</u>	<u>Subject</u>	<u>No. of teachers selected</u>	<u>Grant approved (Rs.)</u>
1.	Physics	29	65,000
2.	Chemistry	74	3,14,050
3.	Botany	58	2,40,500
4.	Zoology	23	1,05,200
5.	Mathematics & Statistics.	33	64,250
6.	Geology	21	84,450
7.	Medicine	19	85,200
8.	Engineering	12	39,000
9.	Agriculture	55	23,000
		<u>274</u>	<u>10,20,650</u>

Details of projects accepted are given in annexure-I.

The final recommendations in respect of Geography and Anthropology have yet to be received. These would be reported to the Commission in due course.

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List of proposals recommended by the Committee for  
the organisation of Seminars, Symposia, Workshops  
in Science subjects during 1975.

S.No.	Name of the University	Title of the Project	Name of the Director/ Coordinator	Duration	No. of participants	Budget Estimates	Remarks
1.	Allahabad (7)	All India Symposium on "X-ray spectroscopy and its applications"	Dr. B.K. Agarwal Deptt. of Physics Univ. of Allahabad	3 days (26 to 28 December, 1974)	35	Rs.14,075	-
2.	Andhra (14)	Symposium on Ionosphere and Magnetosphere	Prof. B. Rama- Chandra Rao, Head of the Deptt. of Physics	3 days (3rd or 4th week of April, 1975)	40	Rs.11,450	-
3.	Banaras Hindu (22)	Seminar "Surgical Research"	Dr. K.N. Udupa Director Institute of Medical Sciences B.H.U.	2 days (5th to 6th August, 1974)	30	Rs. 7,900	-
4.	Calcutta (Univ.College of Science, Calcutta) (28)	Chromosomes as affected by physical and chemical agents.	Prof. A. Sharma Prof. & Jawahar- lal Nehru Fellow, Deptt. of Botany Calcutta Univ.	3 days March, 1975	30	Rs.13,500	Not through University
5.	Calcutta (30)	Symposium on Chemistry, Biochemistry & Pharmacology of Natural Products	Prof. (Mrs.) A. Chatterjee, Head of the Deptt. of Chemistry, Calcutta Univ.	9th to 14th February, 75	N.I.	Rs.30,000	-

1	2	3	4	5	6	7	8	9
6.	Calicut (32)	Workshop in Field Ornithology	Dr. K.J. Joseph Prof. & Head, Deptt. of Zoology Calicut Univ.	14 days (17th to 31st May, 1975)	20	Rs. 27,000		
7.	H.B.T.I. Kanpur (64)	All India Symposium on Bio-instrumentation	Mr. V.K. Jain Head of the Deptt. of Electrical Engineering	2 days (20th to 21st January, 1975)	40	Rs. 13,000		
8.	Madras (85)	Conference on Finite element methods in Engineering.	Principal P.R. Ramekrishnan Coimbatore Instt. of Technology Coimbatore.	3 days (16th to 17th January, 75)	40	Rs. 25,000	To be treated as seminar as per orders in F.3-50(4)/74 FIP	
9.	Madras (Loyla College Madras) (88)	Problem in Host specificity of Insects	Dr. T.N. Anata- Krishnan, Director Anatomology Research Unit, Loyola College.	1974-75	20 to 30	Rs. 10,000		
10.	Madras (Madras Medical College, Madras) (89)	Symposium on Immuno Pharmacology	Dr. Lalitha Kameswaran, Prof. of Pharma- cology, Madras Medical College.	30th to 31st October, 74		Rs. 7,500		
11.	Marathwada (92)	All India Seminar on Comparative Animal Physiology	Dr. R. Naga Bhushan Prof. & Head Deptt. of Zoology	6 days (25th to 30th November, 75)	40	Rs. 19,650		

1	2	3	4	5	6	7	8
12. Panjab (104)	2nd International Symposium on Electron Microscopy in Bio- Physics and Molecular Biology.	Shri S.R. Eawa Prof. & Head Deptt. of Biophysics Panjab University.	3 days August, 74	40	Rs. 24,497/10	It may be enquired from the Director if he still wants to organise the Symposia.	
13. Poona (107)	Refresher course on group theory - Principals and its applications in Chemistry.	Dr. A.J. Muthedkar	1 week (12th to 24th May, 75)	22 to 25	Rs. 8,000	--	
14. Rajasthan (112)	Symposium on the "Recent Advances in Precambrian Geology with special reference to Rajasthan".	--	2nd week of November, 74	40	Rs. 15,000.00	--	
15. Sardar Patel (116)	Seminar on Function Analysis.	Dr. M.H. Vasudava Prof. & Head Maths. Department	10 days (April 21st to 30th, 75)	15	Rs. 4,750.00	--	
16. Sardar Patel (119)	Home Science & the child (with special reference to child ar and child nutrition)	Dr. G. Subhalaxmi	2 days 25th to 26th January, 75	30	Rs. 2,000	--	
17. Sardar Patel (121)	All India Symposium on "Borm structure and function in Plants"	Prof. J.J. Shah Head of Botany Department	October, 74	40	Rs. 25,000	--	
18. Srivenkateswara (132)	Workshop in Math for College Teachers	Prof. K. Sitaram	1 week, April 22nd to 27th April, 75.	30	Rs. 7,600	--	

1	2	3	4	5	6	7	8
19.	Saugar (3 suppl.)	Ecology of Soil Micro-organisms	Prof. S.B. Saxena Head, Deptt. of Botany, Saugar University.	27th to 29th December, 74.	40	Rs. 8,000	-
20.	Jawaharlal Nehru Tech. University Warangal (Regional Engineering College) (58)	Seminar on Developments in Traffic and Transportation	Dr. K.S. Pillai Prof. of Civil Engg. Regional Engg. College.	3 days (Jan-Feb 1975)	-	Rs. 13,500	-



List of proposals recommended by the Committee for the  
organisation of Seminars/Symposia, Workshops in Humanities  
including Social Sciences subjects during 1975.

S.No.	Name of the University	Title of the Project	Name of the Director/ Coordinator	Duration	No. of participants	Budget Estimates	Remarks
1	2	3	4	5	6	7	8
1.	Banaras Hindu (20)	All India Seminar on Educational Reforms	Shri R.L. Singh	4 days (Last week of November, 74)	--	--	--
2.	Burdwan (25)	Impact of Bank Nationalisation of Indian Economy	Dr. D.S. Ganguly Prof. & Head of the Deptt. of Commerce Burdwan University	3 days	40 + local	Rs. 12,000	--
3.	Calcutta (31)	National Symposium on Life Education and Social Change	Prof. P.K. Sen President, Seva Bharati Mahavidyalaya.	18th to 19th January, 75	40	Rs. 15,000	--
4.	Calicut (34)	Workshop-cum-Seminar on P.G. Teaching	Dr. C.T. Thomas Head of the Deptt. of English	33 days (March-April, 75)	40	Rs. 36,000	--
5.	Cochin (38)	Refresher Course for college teacher in teaching Ancient Classics in Hindi.	Dr. N.F. Viswanatha Iyer, Prof. & Head, Department of Sanskrit, Cochin Univ.	10 days December, 74	25	Rs. 12,800	--
6.	Delhi (39)	Short term workshop on "Instrumentation for the benefit of the teachers in the colleges and in the department.	Dr. G.C. Gupta Head of the Department of Psychology	--	--	Rs. 5,000/-	--

1	2	3	4	5	6	7	8
7.	Guru Nanak (47)	Seminar on "Approaches to the study of Literature".	Dr. Piar Singh Prof. & Head Department of Punjabi Language, Literature and Culture	5 days (last week of December, 74)	30	Rs. 6,000/-	-
8.	Indira Kala (S.V.K.A.) (52)	Seminar on "Creativity in Music & Fine Arts in Conformity with the spirit of time	Shri A.C. Chubey	3 days (Feb. 75)	40	Rs. 12,500	-
9.	Haryana Agri. University, Hissar (53)	Symposium on "Food Self Sufficiency under constraints"	Dr. I.J. Singh Prof. & Head Department of Economics, Haryana Agricultural University, Hissar.	2 days (Feb. 75)	12	Rs. 4,100	-
10.	Jamia Millia Islamia (59)	Seminar on "Cultural and Social Trends as described by Tulsidass in Ram Charit Manas".	Mr. Mazib Rizvi Head Department of Hindi	2 days	15	Rs. 2,530	-
11.	Jamia Millia Islamia (61)	Seminar on "New Directions in the Creative use of Language in Modern Urdu Literature".	Dr. Gopichand Narang	2 days (Feb. 75)	17	Rs. 6,470/-	-
12.	Kurukshetra (71)	Seminar on "Structure of verbal construction in Indo-Aryan".	Dr. J.D. Singh Prof. & Head Department of Linguistics	3 days (March, 74)	40	Rs. 8,320	-

1	2	3	4	5	6	7	8
13.	Meerut (77)	Workshop on "Planning for Effective teaching".	Dr. R.P. Bhatnagar Prof. & Head of the Department of Education	5 days (April, 75)	30	Rs. 3,640	--
14.	Meerut (78)	Symposium on "Private behaviour - An interdisciplinary approach"	Dr. S.D. Singh Head of the Deptt. of Psychology.	4 days (Feb., 75)	10	Rs. 2,025	--
15.	Magadh (90) (Naya Nalanda Mahavidyalaya Nalanda)	Seminar on Puhist Philosophy and logic	Shri Nathmal Taia N.N. Mahavihara	5 days (Jan., 74)	40	Rs. 11,426	--
16.	Madras (84)	Seminar on Indian writing in English	Dr. S.P. Appaswamy Prof. of English	3 days 12th to 14th January, 75.	30 to 40	Rs. 10,000	--
17.	Madras (87)	Seminar on the Social consciousness as reflected in Modern Literature.	Prof. M.R.P. Guru- Swami, Head, Tamil Department	3 days (Feb., 75)	7	Rs. 5,000	--
18.	Patna (106)	Seminar on Principles Governing Friendly Relations among Nations.	Prof. R.C. Hingorani Dean, Faculty of Law and National Lecturers.	5 days January, 75	30	Rs. 9,250	--
19.	Srivenkateswara (133)	Symposium on Cilappa Thikaran, III Century A.D. Tamil Epic	Dr. N. Subbureddiar Head, Tamil Deptt.	3 days either in last week of Feb. or 1st week of March 1975.	30	Rs. 6,000	--

1	2	3	4	5	6	7	8
20.	South Gujarat (20)	Seminar on Educational Technology	Er. G.B. Shah Prof. & Head Department of Education South Gujarat.	4 days May, 1975	30	Rs. 12,450	-
21.	Calicut (6 suppl.)	Workshop for Postgraduate Teachers in Commerce subjects.	Dr. Mohammad Mohsin	3 weeks	30	Rs. 17,500	-
22.	Dibrugarh (9 .. suppl.)	Refresher Course in Economics	Prof. R. Mehrotra Head, Deptt. of Economics Dibrugarh Univ.	15 days (Feb.-March, 1975)	30	Rs. 13,075	-
23.	Osmania	Seminar on Disparity Taxation	Prof. Gautam Mathur Prof. & Head Department of Economics Osmania University.	3 days	40	Rs. 10,850	-

Annexure III to Item  
No. 2 (a) (4)

List of reformation of the proposals recommended by the  
Committee for the organisation of Seminars/Symposia  
Workshops in Humanities including Social Sciences subjects.

S.No.	Name of the University	Title of the Project	Name of the Director/ Coordinator	Duration	No. of participants	Budget Estimates	Remarks
1	2	3	4	5	6	7	8
1.	Gujarat (41)	Workshop for giving the orientation to the teachers of sanskrit on the lines of Traditional discipline and in the context of the Development of Modern Indian Languages.	Dr. E.A. Solomon Head of the Sanskrit Deptt. Gujarat Univ.	14 days Last week of April & 1st week of May, 1975	40	Rs.12,000	Could be considered under Conference if requested.
2.	Meerut (79)	Summer Course on "Technology of teaching & Theories of teaching".	Dr. R.P. Bhatnagar Dean of Faculty of Education.	40 days (May-June,75)	40	Rs.37,700	This could be considered under the programme of Summer Institute.
3.	Mysore (Central Instt. of Indian Languages) (95)	Summer Schools in the field of Languages & Linguistics.	Dr. D.P. Fatnaik	-	-	-	The proposal may be accepted if it is prepared per UGC norms and forwarded through the Mysore University.

1	2	3	4	5	6	7	8
4.	Nagpur (99)	Seminar for Evaluation the different programmes for training of teachers of English.	-	2nd or 3rd week of March, 1975	-	Es. 5,000	These 4 proposals may be referred to Prof. Ramesh Mohan, Director, Central Instt. of English & Foreign Languages for advising if one of these proposals could be considered by the Commission for financial support.
5.	Nagpur (100)	Workshop-cum-intensive course in English	-	-	-	Es. 12,000	
6.	Nagpur (101)	All India orientation course in Linguistics for language teachers.	Sh. P.W. Urdhwa- resha, Reader-in- charge, Deptt. of Foreign Languages.	3 weeks 14th April to 6th May, 75	40	Es. 12,020	
7.	Nagpur (102)	Symposium on Teaching of Foreign Languages & Literatures.	- do -	3 days (13th Jan. to 15th Jan., 75)	40	Es. 3,520	
8.	Sauger (126)	Drama Workshop	-	-	-	Es. 4,000	The University may be requested to indicate the scope, duration and the source personnel to be invited.
9.	Srivenkates- wara (131)	Seminar on the Mahabharat.	Dr. E.R. Srikrishna Sharma, Head of the Deptt. of Sanskrit.	3 days Feb. or March, 75.	35	Es. 8,000	This may be referred to Prof. R.S. Sharma for advising if it could be considered for financial support.

## ANNEXURE TO ITEM NO. 2(a) 3

## PHYSICS

S.No.	Name of the University/ College.	Purpose	Amount in comm
1.	2.	3.	4.
1.	Dr. C.P. Singh, Banaras Hindu University, Varanasi-5.	Computational Work.	Rs. 1,500/-
2.	Dr. Phool Chand Misra, Banaras Hindu University, Varanasi.	-do-	3,000/-
	Dr. J.S. Yadav, Banaras Hindu University, Varanasi.	They could be asked to collaborate other- wise preference to Dr. Misra.	
3.	Dr. A.N. Mantri, Banaras Hindu University, Varanasi.	Computation Work	3,000/-
4.	Dr. Ram Raj, Kurukshetra University, Kurukshetra.	Computations and Field Work.	3,000/-
5.	Dr. R.N. Karekar, Poona University, Poona.	Chemicals and Equipment.	1,000/-
6.	Dr. Damle, Pradnyanand Shankar, Poona University, Poona.	Computer charges	2,000/-
7.	Dr. Shashi Bhushan, Ravishankar University, Raipur (M.P.)	Chemicals	1,000/-
8.	Shri Vinod Kumar, Garhwal University, Srinagar.	Computations	2,000/-
	Dr. Keilash Chandra, Roorkee University, Roorkee.		
9.	Dr. Brahmecha, B.G., Shivaji University, Kolhapur.	Equipment and Chemicals.	2,000/-

1.	2.	3.	4.
10.	Dr. V.K. Vaidyan, Lecturer, Calicut University.	Equipment	4,000/-
11.	Shri B.S. Shah, Department of Physics, M.S. University of Baroda, Baroda-2.	-do-	2,000/-
12.	Dr. N.G. Puttaswamy, Reader in Physics, Bangalore University, Bangalore.	-do-	3,000/-
13.	Dr. J.K. Zope, Reader in Physics, Nagpur University, Nagpur.	Chemicals & Equipment	2,000/-
14.	Dr. A.K. Dutta, Lecturer, Calcutta University, Calcutta.	Fabrication Equipment	2,000/-
15.	Dr. R.K. Gupta, Lecturer, Jodhpur University, Jodhpur.	Computation	1,000/-
<u>COLLEGES</u>			
16.	Sri V.K. Sharma, D.S. College, Aligarh.	Computational	1,000/-
17.	Shri Charan Jit Kumar Virmahi, Bareilly College, Bareilly.	-do-	1,000/-
18.	Shri Bir Bal Singh, Raja Balwant Singh College, Agra.	Computation	1,000/-
19.	Shri Hari Prakash Sinha & Shri J.C. Upadhyaya, Agra College, Agra.	-do-	3,000/-



1.	2.	3.	4.
20.	Prabhat Kumar Mandal, R.K. Mission, Residential College, Calcutta University, Calcutta.	Equipment	3,000/-
21.	Shri Om Prakash Nagpal, Lecturer in Physics, Swami Shardhanand College, Delhi.	-do-	3,000/-
22.	Shri Murli Dhar Tiwari, Lecturer, Birla Govt. Postgraduate College, Srinagar, Pauri-Garhwal.  Shri Birendra Singh Semwal, Lecturer, Department of Physics, Birla Govt. Degree College, Srinagar.	Computational Work	2,000/-
23.	Shri R.C. Joshi, Lecturer, Govt. P.G. College, Almora (U.P.)	Chemicals, Apparatus and Fabrication.	2,500/-
24.	Dr. R.K. Singh, Reader and Head & Shri Hari Narain Gupta, Lecturer, K.A.E.C. College, Khurja (U.P.)	Computation	2,000/-
25.	Dr. V. Viswanathan, Department of Physics, Coimbatore Institute of Technology, Coimbatore.	Equipment, Fabrication and Chemicals.	4,000/-
26.	Shri C. Raghupathi Rao, Reader and Head, College of Engineering, Hyderabad.	Components and Equipment.	2,500/-

1.	2.	3.	4.
27.	Dr. K. Chandrasekhara Reddy, Leader in Physics, S.V. University College, Tirupati (A.P.)	Equipment and Components.	3,000/-
28.	Shri A.N. Gandhi, Lecturer, Madhav Vigyan Mahavidyalaya, Ujjain.	-do-	2,500/-
29.	Shri K. Prabhakar Rao, Lecturer, Science College, Saifabad.	Chemicals and Equipment.	2,000/-

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Financial Assistance recommended to teachers  
for research/learned work in Science, 1974.

Chemistry & Biochemistry Colleges.

Sr. No.	Synopsis Name & Address	Project	Grant recommended.
1.	2.	3.	4.
1.	4 Dr. Hambir Singh, Lecturer, DS College, Aligarh (Agra University)	Kinetic of oxidation.... .....peric sulphate"	Equip: 2500/- Chem: 1000/- <u>3500</u>
2.	10 Dr. SML Gupta, Reader, Agra College, Agra.	Synthesis with metho.... .....Bisdiazoalkano.	Equip: 5000/- Chem: 1000 <u>6000/-</u>
3.	12 Dr. GK Chaturvedi, Associate Prof., Agra College, Agra.	Studies on the mixed.... ... (...third series)	Equip: 2000/- Chem: 2000/- <u>4000/-</u>
4.	15 Dr. Mukhtar Singh, Lecturer, Agra College, Agra.	Studies on the polarogra. .....experimental conditions.	Equip: 3500/- Chem: 500/- <u>4000/-</u>
5.	17 Km. Usha Bajpai, Demonstrator, DS College, Aligarh.	Complexometric and.... .....some keto-anils	Equip: 2100/- Chem: 1000/- <u>3100/-</u>
6.	29 Dr. C. Radhakrishna- murthy, Lecturer, College of Engineering, Waltair. (Andhra Univ.)	Analytical and kinetics.. .....organic substrates.	Chem: 2000/-
7.	31 Dr. Dharendra Prasad Reader, LS College, Bihar University.	Study of Ion-solvation... .....mixed solvent.	Equip: 6000/-
8.	37 Dr. S. Bhagat, Lecturer, TNB College, Bhagalpur.	Measurement of freezing.. .....potential	Equip: 1350/- Chem: 1000/- <u>2350</u>
9.	53 Dr. KM Joshi, Institute of Science, Bombay (Bombay Univ.)	Studies on zeolite catalysis.	Equip: 4500/- Chem: 500/- <u>5000/-</u>

F.T.O.

1.	2.	3.	4.	5.
10.	55	Dr. GS Deshmukh, Prof. Ramnarain Guia College, (Bombay Univ.)	Studies in the Application .....complexometry.	Equip: 6000/- Chem: 1000/- <u>7000/-</u>
11.	56	Shri Biswanath Dinda, Lecturer, BN Mahavidyalaya, Burdwan University)	Studies on the chemistry. .....medical plants.	Equip: 1000/- Chem: 3000/- <u>4000/-</u>
12.	57	Shri PK Mandal, Lecturer, Burdwan Raj College, Burdwan.	study on the Micro- dynamics of large ions.	Chem: 3000/-
13.	65	Sh. BC Bag, Lecturer, BN Mahavidyalaya, Hooghly (Burdwan Univ.)	Studies on some..... .....aspects of proteins	Equip: 3000/ Chem: 1500/- <u>4500/-</u>
14.	70	Mrs. S. Ghosh, Lecturer, Bose Institute, Calcutta (Calcutta Univ.)	Preparation of Kitol.... .....Biophysio(4)....	Equip: 1000/- Chem: 2000/- <u>3000/-</u>
15.	75	Dr. BB Bhowmik, Asstt. Prof. Krishnagar Govt. College, Nadia (Calcutta University).	Solvent effect on..... .....transfer spectra.	Chem: 2000/-
16.	76	Dr. Manik Mazumdar, Lecturer, Bhairab Ganguly College, (Calcutta University).	Applications of organic.. .....titrations.	Chem: 3000/-
17.	88	Shri PK Mukerjee, Lecturer, Acharya PC College, 24 Para-(Calcutta Univ.) -ganas.	Studies on exchange..... .....amberlite I-1.	Equip: 3000/- Chem: 1000/- <u>4000/-</u>
18.	90	Shri SK Banerjee, Lecturer, St. Xavier's College, (Calcutta University)	Studies on Medicinal plants (Terpenoids)	Equip: 2000/- Chem: 1000/- <u>3000/-</u>
19.	92	Dr. Biswapati Mukerjee, ..... University College of Medicine, (Calcutta University)	Chemical and pharmacolo .....plants.	Chem: 3000/-

1.	2.	3.	4.	5.
20.	93	Sh. SN Basu, Lecturer, City College, (Calcutta University)	Investigation of..... .....ligands.	Chem: 1500/-
21.	96	Miss Usha Sarkar, Lecturer, Rishi Bankimchandra College, (Calcutta University)	Terpenoids of Verbenaceae	Equip: 2000/- Chem: 2000/- <u>4000/-</u>
22.	97	Sh. A.K. Basu, Lecturer, R.B. College, (Calcutta University)	Investigation on the... .....system.	Chem: 2000/-
23.	103	Dr. D. Ghosh, Lecturer, V.C. College, 24 Baranagar, (Calcutta University)	Separation of Optical.. .....Membranes.	Equip: 2000/- Chem: 2000/- <u>4000/-</u>
24.	105	Miss Goly Sarkar, Lecturer, V.C. College for Women, (Calcutta University)	Electrophilic and..... .....Metal Chelates.	Chem: 2000/-
25.	116	Dr. A.K. Batra, Lecturer, A.R.S.D. College, Delhi.	1. Chemistry of some... .....Him a Layas. 2. Triterpenes and.... .....Med. Plants.	Equip: 1000/- Chem: 3000/- <u>4000/-</u>
26.	122	Dr. A.C. Wanda, Hindu College, Delhi University.	Microanalytical..... .....Pollution Studies.	Equip: 2500/- Chem: 1000/- <u>3500/-</u>
27.	138	Shri H.N. Pandey, Lecturer, S.C. College, Balia (Gorakhpur University)	Synthesis of 1,3,4-... .....repeutic agents..	Chem: 3000/-
28.	139	Dr. P.R. Shah, Professor, St. Xavier College, Ahmedabad.	Synthesis of 7-Chloro.. .....derivatives.	Chem: 2500/-

1.	2.	3.	4.	5.
29.	140	Dr. J. P. Talati, Professor, U.P. Arts College M.G.P. Science College, Lilavai (Gujarat University)	Corrosion of Aluminium.. .....and colours.	Chem: 3500/-
30.	142	Dr. B.M. Desai, Professor, M.G. Science Instt., Ahmedabad (Gujarat University).	Studies in New Analytical Reagents.	Chem: 2000/-
31.	152	Dr. A. S. Sood, Asstt. Prof. G.S. Instt. of Technology & Science, Indore University.	i) Investigation of some .....importance. ii) Some natural & ..... .....oils.	Equip: 2500/- Chem: 1000/- <u>3500/-</u>
32.	158	Dr. J. F. Mishra, Madhav Instt. of Tech. & Science, Gwalior (Jiwaji Univ.)	Thermodynamic study... .....substrates.	Equip: 1500/- Chem: 2000/- <u>3500/-</u>
33.	169	Sh. Om Prakash Khanna, Lecturer, Daya Nand College Hisar (Kurukshetra University)	1) Study of the..... .....thiomrea or 2) Graft Copoly-..... .....metal chelates	Equip: 1700/- Chem: 1700/- <u>3400/-</u>
34.	170	Sh. Harbans Lal Walla, Lecturer, S.A. Jain College, Ambala City (Kurukshetra University)	Development of Teaching Aids.	Equip: 3000/- Chem: 1000/- <u>4000/-</u>
35.	172	Dr. Raj Deo Singh, BSNV Degree College, (Lucknow University)	A study of Ion..... .....measurements.	Equip: 3000/- Chem: 1500/- <u>4500/-</u>
36.	173	Dr. Khushwant Singh Lecturer, BSNV Degree College (Lucknow University)	Studies on solutions... .....Constant.	Equip: 3500/- Chem: 500/- <u>4000/-</u>
37.	176	Dr. S. Joseph Arulraj, Reader in Chemistry, St. Joseph College, (Madras University).	Extraction of edible.. .....Greens & Fruits.	Equip: 2500/- Chem: 1000/- <u>3500/-</u>

1.	2.	3.	4.	5.
38.	187	Dr. I.M. Mathai, Professor in Chemistry, Madras Christian College, Madras.	Synthesis of Char..... ..... & Titanium.	Equip: 3500/- Chem: 2500/- <u>6000/-</u>
39.	192	Dr. Mathew J. Moolal, Lecturer in Chemistry, Loyola College, Madras.	Studies in Complexons... ..... Systems.	Equip: 2000/- Chem: 1500/- <u>3500/-</u>
40.	194	Dr. K.L. Vasanth, Professor of Chemistry, PSG College of Tech., Coimbatore (Madras University)	Electrodeposition..... ..... applications.	Equip: 2000/- Chem: 2000/- <u>4000/-</u>
41.	195	Dr. K. Rama Lingam, Professor in Chemistry, PSG Arts College, Madras.	Conformational..... ..... Compounds.	Equip: 2000/- Chem: 2000/- <u>4000/-</u>
42.	197	Dr. V. Subramanian, Asstt. Prof. in Chem., Pachaiyappa's College, Madras (Madras Univ.)	Kinetics of Bromine.... ..... sulphones.	Equip: 2000/- Chem: 1500/- <u>3500/-</u>
43.	201	Dr. K. Karunakaran, V.O. Chidambaram College, Tuticorin (Madurai Univ.)	Construction of..... ..... Chemical Analysis	Equip: 7000/-
44.	204	Dr. Mahendra Lal Teotia, Lecturer in Chemistry, Meerut College, Meerut (Meerut University)	Studies on structure.... ..... Donor Ligand.	Equip: 2000/- Chem: 1500/- <u>3500/-</u>
45.	217	Dr. Virendra Prakash Kudesia, Lecturer in Chemistry, Meerut College, Meerut (Meerut University)	Mechanism of Oxidations.. ..... Chlorine.	Equip: 3000/- Chem: 1500/- <u>4500/-</u>
46.	231	Dr. B. Singh, Lecturer in Chem. Science College, Patna (Patna University)	Metal-Ligand..... ..... Containing Ligands.	Equip: 2500/- Chem: 200/- <u>2700/-</u>

1.	2.	3.	4.	5.
47.	235	Dr. R. Prasad, Assistant Professor Darjeeling Govt. College, North Bengal University.	Sulfo carbohydrate metabolism.	Equip: 2500/- Chem: 1000/- <u>3500/-</u>
48.	238	Dr. S.V. Kulkarni, Lecturer, Science College, Karad (Shivaji University)	i) Kinetic study..... .....metals. ii) Tracer studies.... .....absorption iii) Photolysis...Iodoform iv) Diffusion..reactions v) Elimination of..... .....solutions.	Equip: 3500/- Chem: 1000/- <u>4500/-</u>
49.	249	Dr.(Mrs.) Usha Tandon Asstt. Professor, Govt. Sc. College, Raipur (Ravishankar Univ.)	Studies on uranium..... .....complexes	Equip: 2000/- Chem: 1000/- <u>3000/-</u>
50.	254	Shri S.P. Patil, Jr. Lect. Shantiniketan Mahavidyalaya Sangli, (Shivaji University)	Study of transition..... .....exchange.	Equip: 2500/- Chem: 1000/- <u>3500/-</u>
51.	265	Dr. D.P. Berge, Lecturer, Govt. Engg. College, Ujjain (Vikram University)	Studies in the..... .....steroids.	Equip: 2000/- Chem: 1000/- <u>3000/-</u>
52.	270	Dr. G.S. Sastry, Lecturer, Govt. College, Rajah Mundry, (A.P.)		Equip: 3000/- Chem: 1500/- <u>4500/-</u>
53.	271	Dr.(Mrs.) Badar Taqui Khan Reader in Chem. Women's College, Osmania, Hyderabad.	Platinum Group meta.... .....Activity.	Equip: 4000/- Chem: 1500/- <u>5500/-</u>

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U.G.C. Financial Assistance to Teachers

S.No.	Appli- cation No.	Name of the Teachers	University	Amount recommende Rs.
1.	1	Dr. Sheik Mumtaz Hadi	Lecturer, Aligarh Muslim Univ.	5,000
2.	2	Dr. G.S. Gupta	Reader, Aligarh Muslim Univ.	6,000
3.	16	Dr. A. Syamal	Reader, Bombay Univ.	7,000
4.	18	Prof. R.L. Dutta	Univ. of Burdwan	5,000
5.	24	Dr. Priyalal Majumdar	Lecturer Calcutta Univ.	5,000
6.	25	Dr. Samar K. Kundu	Reader, Calcutta Univ.	6,000
7.	28	Dr. B. Pathak	Lecturer Calcutta Univ.	6,000
8.	35	Dr. Harjit Singh	Reader, Guru Nanak Univ. Amritsar	8,000
9.	37	Dr. Puran Chand	Lecturer Jodhpur Univ.	4,000
10.	42	Dr. K. Venkatarao	Lecturer Madurai Univ.	5,000
11.	44	Dr. Manmohan Singh Bhatia	Assistant Prof. Panjab Agricultural Univ., Ludhiana	3,000
12.	48	Dr. S.S. Parmar	Asstt. Prof. Panjab Agricultural Univ., Ludhiana	3,000
13.	49	Dr. V.D. Gupta	Lecturer Rajasthan Univ.	-
14.	51	Dr. Lalit Prakash	Lecturer Rajasthan Univ.	7,000
15.	55	Dr. R.K. Mittal	Lecturer Rajasthan Univ.	2,000
16.	57	Dr. Dunger Singh Jain	Lecturer Rajasthan Univ.	4,000

S.No.	Application No.	Name of the Teachers	University	Amount recommended Rs.
17.	65	Dr. V.T. Ramakrishnan	Lecturer, Madras Univ.	7,500
18.	67	Dr. Kailash Chandra Dash	Lecturer Utkal Univ.	7,000
19.	68	Dr. Bhaskar Dash	Reader Utkal Univ.	7,000
20.	70	Dr. Narinder Singh Poonia	Lecturer Vikram Univ Ujjain	7,000
21.	82	Dr. S.K. Sharma	Lecturer Birla Instt. of Tech. & Sc. Pilani	4,500
22.	81	Dr. B.K. Sen	Lecturer Calcutta Univ. Calcutta	8,000

UNIVERSITY GRANTS COMMISSION

BOTANY

S.No.	Name of the University/College	Purpose	Amount recommended Rupees
1	2	3	4
1.	Shri Sarbada Nand Singh Demonstrator Bhagalpur University Bhagalpur	Books Chemicals Glass-ware Field Work Stationery	700 900 300 200 - 900 <hr/> 3,000
2.	Dr. D.K. Purohit Lecturer Jodhpur University Jodhpur	Chemicals Glass-Ware Photo-goods Field work	1,500 500 - 500 500 <hr/> 3,000
3.	Dr. D.D. Awasthi Reader in Botany Lucknow University Lucknow.	Books & Reprints Chemicals Photo-goods Stationery & Postage Field Work	1,500 500 200 800 1,000 <hr/> 4,000
4.	Dr. H.K. Srivastava Professor of Genetics Meerut University Meerut	Equipment Chemicals Labour Contingency	2,000 3,000 4,000 1,000- <hr/> 10,000
5.	Dr. Satish Chandra Jain Lecturer Rajasthan University Jaipur	Chemicals Glass-ware Books	2,000 500 - 500 <hr/> 3,000
6.	Dr. H.C. Dube Lecturer Udaipur University Udaipur	Field Work Chemicals Glass-Ware Misc.	500  -2,000 1,000 <hr/> 3,500
7.	Dr. B.C. Rana Lecturer Udaipur University Udaipur	Chemicals Field Work Glass-ware Misc.	1,500 500 500 500 <hr/> 3,000

1	2	3	4
8.	Dr. Prem Shankar Dubey Lecturer Vikram University Ujjain	Field work Chemicals Misc.	1,500 1,000 2,500 <u>5,000</u>
9.	Dr. (Mrs.) Malabika Ray Lecturer Vishva-Bhārati Santiniketan	Chemicals Fabrication Field work Books	2,000 2,500 500 2,000 <u>7,000</u>
10.	Dr. S.M. Reddy Lecturer Osmania University Hyderabad	Equipments Chemicals Misc.	1,000 1,500 500 <u>3,000</u>
11.	Dr. D. Mukherjee Lecturer Kurukshetra University Kurukshetra	Equipments Chemicals	2,000 3,000 <u>5,000</u>
12.	Shri <del>S.S.</del> Shrotri Head of the Botany Deptt. D.S. College Aligarh	Chemicals Field Work Misc.	1,000 1,000 1,000 <u>3,000</u>
13.	Sh. Anil Kumar Singh Chauhan Lecturer D.S. College Aligarh	Equipment & Chemicals Field Work Photo-goods & Stationery	1,500 500 500 <u>3,000</u>
14.	Dr. B. Krishnamurthy Raju Lecturer M.R. College Vizianagaram (AP)	Chemicals Field Work Nylon Net	1,500 500 1,000 <u>3,000</u>

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3

4

Dr. Thakur K.S. Singh  
Lecturer  
L.S. College  
Muzaffarpur(Bihar)

Chemicals & Books  
Apparatus  
Field Work

2,000  
1,500  
1,500

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5,000

Dr. K.K. Jha  
Head, L.S. College  
Muzaffarpur(Bihar)

Chemicals  
Glass-ware

2,000  
1,000

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3,000

Shri A.K. Ghoshal  
Lecturer  
P.B. Chandra College  
Nai Rati, Dist. 24-Parganas  
Calcutta Univ.

Chemicals & Apparatus  
Field Work

2,000  
1,000

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3,000

Dr. Dalip Kumar De  
Lecturer  
Rishi Bankim Chandra College  
Nai Rati, 24-Parganas  
West Bengal

Chemicals &  
Apparatus

3,000

Smt. Manjula Biswas  
Lecturer  
Lady Brabourne College  
Calcutta-17.

Chemicals  
Equipment & Apparatus

2,000  
3,000

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5,000

Dr. Tushar Kanti Paul  
Lecturer  
M.B.B. College  
Agartala, Tripura

Equipment  
Chemicals  
Glass-ware  
Misc.

2,000  
1,000  
1,000  
1,000

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5,000

Mrs. J.S.A. Soans  
Lecturer  
Malbar Christian College  
Calicut(Calicut Univ)

Glassware  
Chemicals  
Misc.

1,500  
1,000  
500

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3,000

1	2	3	4
22.	Dr. V. Ranga Rao Lecturer S.V. College Delhi	Equipment Chemicals & Glass-ware Misc.	1,000 2,500 1,500 <hr/> 5,000
23.	Dr. M.P. Srivastava Lecturer S.M.M. Towa (P.G.) Mahavidyalaya, Ballia (Gorakhpur Univ.)	Books Chemicals Equipment & Glass-ware Field Work	500 500 1,000 1,000 <hr/> 3,000
24.	Shri H.N. Soni Demonstrator K.M. Arts & Sc. College Kalol (Gujarat Univ.)	Equipment Field Work Glass-ware & Apparatus	1,000 500 1,500 <hr/> 3,000
25.	Shri Mohd. Shah Ali Lecturer Govt. College Gulbarga (Karnataka Univ.)	Chemicals Glass-ware Maintenance Photographic	500 500 1,500 500 <hr/> 3,000
26.	Shri Abdul Qayoom Siddiqui Lecturer Islamia College of Sc. & Commerce, Srinagar (Kashmir Univ.)	Chemicals, Glassware, Photographic Materials Photostat Literature & Travels	   3,000
27.	Shri Sebastian P. Palathara Lecturer K.E. College, Mennanam P.O. Distt. Kottayam, Kerala	Books & Journals Chemicals Field Work	2,000 1,500 1,500 <hr/> 5,000
28.	Dr. E. Govindarajulu Professor Presidency College Madras	Field Work Microfilm Misc.	2,000 2,000 2,000 <hr/> 6,000

1	2	3	4
29.	Shri Sakharam W. Kasture Lecturer Science College Nanded (Marathwada Univ.)	Field Work Glass-ware & Chemicals Misc.	1,500 1,500 2,000 <u>5,000</u>
30.	Dr. (Mrs.) Usha Deshpande Lecturer Science College, Nanded (Marathwada Univ.)	Chemicals & Glassware Field Work Apparatus	2,000 1,000 2,000 <u>5,000</u>
31.	Dr. K.S. Deshpande Head, Botany Deptt. Science College, Nanded (Marathwada Univ.)	Humidity Control, Cabinets, Monochromatic Filters & Chemicals	5,000
32.	Sh. Hari Pedurang Pawar Lecturer Yeswant Mahavidyalaya Nanded (Marathwada Univ.)	Chromatographic set, chemicals & Glassware	7,000
33.	Shri B.N. Buktar Lecturer Yeswant Mahavidyalaya Nanded (Marathwada Univ.)	-do-	5,000
34.	Shri Datta Linganna Reddy Lecturer Yeswant Mahavidyalaya Nanded	Chemicals, Glass-ware, Field Work, Equipment	5,000
35.	Shri Y.B. Gaikwad Lecturer Mahatma Gandhi Mahavidyalaya Ahmedpur (Marathwada Univ.)	Equipment, Chemicals Misc.	1,000 500 1,500 <u>3,000</u>

1	2	3	4
36.	Dr. Jainarayan Murlidhar Mantri Head of the Botany Deptt. Adarsha College, Hengoli (Marathwada Univ.)	Chemicals Apparatus Field Work	1,000 3,000 1,000 <u>5,000</u>
37.	Shri M. Vivekanandan Asstt. Prof., G. Venkataswamy Nainda College, Kovilpatti (Madurai Univ.)	Chemicals, Books Travel & Field Work	3,000
38.	Miss V. Sarojini Menon Prof. St. Mary's College Tuticorin-1. (Madurai Univ.)	Equipment Chemicals Field Work	3,000 2,000 1,000 <u>6,000</u>
39.	Shri Narendra Kumar Jain Lecturer, I.P. Degree College, Bulandshahr (Meerut Univ.)	Equipment Chemicals Misc.	2,000 1,500 1,500 <u>5,000</u>
40.	Dr. G.C. Sankar Lecturer, Univ. College Raiganj (North Bengal Univ.)	Books, Chemicals, Field Work & Misc.	5,000
41.	Dr. J.L. Shreemali Lecturer, Brijlal Biyani Sc. College, Nagpur	Chemicals Field Work Glassware & Apparatus	2,000 1,000 2,000 <u>5,000</u>
42.	Shri Dinedu Choudhury Lecturer, St. Edmund's College Shillong (North Eastern Hill Univ.)	Equipment, Chemicals, Field Work, Cultivation & Books	3,000
43.	Shri K. Subhash Lecturer CKM Arts & Sc. College Warangal (Osmania Univ.)	Chemicals Photographic Materials Field Work Books	3,500 800 700 500 <u>2,500</u>
44.	Shri N.P. Reddy, Lecturer, G.K.M. Arts & Science College, Warangal (Osmania Univ.)	Chemicals, Photo- graphic material & field work	3,000



1	2	3	4
45.	Sh. Mahajan Dinkar Ram Chandra Professor Sangamner College, Sangamner (Dist. Ahmednagar) (Poona Univ.)	Books, Apparatus, Chemicals Field Work & photographic items	3,000
46.	Dr. B.A. Patil Lecturer, Willingdon College Sangli (Shivaji Univ.)	Books, Chemicals, Equipment and Glassware	3,000
47.	Dr. Parabhakar Ichmaram Chaudhari, Lecturer, M.J. College, Jalgaon (Poona Univ.)	Books, Chemicals, Equipments, Apparatus, Fabrication & Misc.	3,000
48.	Dr. Suresh Kumar Mahna Lecturer, Govt. College, Ajmer (Rajasthan Univ.)	Chemicals, Books, Publication & Glassware	3,000
49.	Dr. Tej Narain Nag, Lecturer Govt. College, Karauli (Rajasthan Univ.)	Books, Chemicals, Apparatus and publications	3,000
50.	Shri T. Padamanabha Reddy Demonstrator, Govt. College, Gudur (Tirupati) (S.V. University)	Centrifuge, Binocular, Ocular, Microphotographic unit, chemicals, photographic materials etc.	3,000
51.	Dr. Rajendra Kumar Tugnawat Lecturer, Govt. Post-graduate College, Mandasaur (Vikram Univ.)	Books, Chemicals & Misc.	3,000
52.	Dr. P.K. Sircar Lecturer Calcutta Univ. 35-Ballygunge Circular Road Calcutta	Radioactive chemicals, small instruments & spares	5,000
53.	Shri Vijlal Hiralal Shah Prof. in Microbiology Sir M.V. College of Sc. & Sheth H.U. College of Arts Bombay-69 (A5)	Field Work, Lab. apparatus Books etc.	5,000

1	2	3	4
54.	Shri Mukesh T. Pandya Demonstrator Sir M.V. College of Sc. & Sheth L.U. College of Arts Bombay-69.	Equipment, Books & Chemicals	5,000
55.	Dr. Purushottam Mangesh Wagle Maharashtra Association for the Cultivation of Science Poona-4.	Chemicals, Glassware, Books & Field work	5,000
56.	Dr. R.S. Kalgrani Lecturer L.S. College, Muzaffarpur (Bihar Univ.)	Equipment, Chemicals Glassware and books etc.	4,000
57.	Dr. K.M. Jaganmohan Professor Pachaiyappa's College Madras	Chemicals, Apparatus, Books, Field work	5,000
58.	Shri S. Sundararajan Lecturer St. Joseph's College Bangalore.	Chemicals, Glassware, Fabrication, books & Field Work	5,000

UNIVERSITY GRANTS COMMISSION

ZOOLOGY:

S.No.	Name of the University/ College	Purpose	Amounted Recommended
1.	2.	3.	4.
1.	Dr. P. S. Ramamurthy, Reader in Zoology, Banaras Hindu University, Varanasi.	Autoradiographic Unit Isotopes Electron Microscopic Chemicals	Rs. 3,000/- Rs. 1,500/- Rs. 1,500/- <hr/> Total.. Rs. 6,000/-
2.	Dr. E. Radha, Lecturer, Central College, Bangalore.	Purchase & main- tenance of animals Chemicals Rat cage Glass-ware Books	Rs. 1,500/- Rs. 1,500/- Rs. 1,000/- Rs. 500/- Rs. 500/- <hr/> Total.. Rs. 5,000/-
3.	Dr. Narayan C. Rath, (Lecturer), Berhampur University, Berhampur	Books Chemicals Fabrication of cages For animals Autoradiographic water bath (Equipment)	Rs. 500/- Rs. 2,500/- Rs. 500/- <hr/> Total, Rs. 5,000/-
4.	Dr. D. N. Mathew, Lecturer, Calicut University, Calicut.	Equipment Chemicals Field Work Books	Rs. 700/- Rs. 300/- Rs. 500/- Rs. 500/- <hr/> Total.. Rs. 2,000/-
5.	Dr. S. S. Krishna, Lecturer, Gorakhpur University, Gorakhpur.	Books Chemicals Equipment Field Work	Rs. 500/- Rs. 2,000/- Rs. 3,000/- Rs. 500/- <hr/> Total.. Rs. 6,000/-
6.	Dr. Suraj P. Cherna, Lecturer, Guru Nanak University, Amritsar (Punjab).	Zeiss Electromechanical counter Books Chemicals Other Equipment	Rs. 5,000/- Rs. 500/- Rs. 1,000/- Rs. 1,000/- <hr/> Total.. Rs. 7,500/-
7.	Dr. Durga Prasad Haldar, Lecturer, Kalyani University, Kalyani (West Bengal)	Equipment Chemical Glass ware Field Work	Rs. 1,500/- Rs. 1,500/- Rs. 1,000/- Rs. 500/- <hr/> Total.. Rs. 4,500/-

1.	2.	3.	4.
8.	Dr.G.L.Sadana, Assistant Professor, Punjab Agricultural University, Ludhiana.	Books Glassware Chemicals Field Work Computation Work	Rs. 500/- Rs.1,000/- Rs.1,000/- Rs.1,500/- Rs. 500/- <u>Total: Rs.4,500/-</u>
9.	Dr.Dennis Jacob, Lecturer, University of Rajasthan, Jaipur.	Books Chemicals Animals Rabbits <del>Animals</del> Food Glassware	Rs. 500/- Rs.1,500/- Rs.1,500/- Rs.1,000/- Rs.1,000/- <u>Total: Rs.5,500/-</u>
10.	Dr.Jaspal Singh Sethi, Lecturer, Udaipur University, Udaipur (Rajasthan).	Chemicals Books Animals & Maintenance	Rs.2,000/- Rs. 500/-  <u>Rs.2,000/-</u> <u>Rs.4,500/-</u>
11.	Dr.V.P.Dixit, Lecturer, Rajasthan University, Rajasthan.	<del>Animals</del> Food Cages Chemicals & Hormones Photographic materials	Rs.2,200/- Rs. 800/- Rs.2,600/- Rs. 400/- <u>Total: Rs.6,000/-</u>
12.	Dr.Bharat Bhushan Gupta, Reader & Head, D.S.College, Aligarh (U.P.)	Equipment Chemicals Books etc.	Rs.2,000/- Rs.2,000/- Rs. 500/- <u>Total: Rs.4,500/-</u>
13.	Dr.P.Kumar Pandey, Lecturer, Marwari College, Bhagalpur.	Books Chemicals & Glass- ware Field Work Equipment	Rs. 500/-  Rs.2,000/- Rs.1,000/- Rs.1,500/- <u>Total: Rs.5,000/-</u>
14.	Dr.Partho Sankar Ray, Lecturer, Raja Peary Mohan College, Calcutta.	Animals Animal Food Chemicals Books Equipment Repair	Rs.1,500/- Rs. 800/- Rs.1,000/- Rs.1,000/- Rs. 500/- <u>Total: Rs.4,800/-</u>
15.	Dr.A.B.Spans, Professor, Malabar Christian College, Calicut.	Glassware Chemicals Books Other Equipment	Rs.1,000/- Rs. 500/- Rs. 500/- Rs.1,000/- <u>Total: Rs.3,000/-</u>

1.	2.	3.	4.
16.	Dr. Virendra Kumar Bhasin, Lecturer, Shri Venkateswara College, Dhaura Kuan, New Delhi-21.	Glass Aquarium Mosquito Gages Mosquitoes Trays & Bowles Glassware Chemicals Animal Food Photography & Animals	Rs. 1,500/- Rs. 500/- Rs. 500/- Rs. 1,000/- Rs. 1,000/- Rs. 500/- Rs. 500/- <u>Rs. 5,500/-</u>
		Total:	Rs. 5,500/-
17.	Dr. Ballabh Dass Agrawal, Lecturer & Incharge, K.B. Post (G) College, Mirzapur (U.P.)	Equipment Chemicals Plants Books Field Work Photography	Rs. 1,000/- Rs. 1,000/- Rs. 200/- Rs. 500/- Rs. 500/- Rs. 300/- <u>Rs. 3,500/-</u>
		Total:	Rs. 3,500/-
18.	Dr. Mohd. Bhasha Mohideen, Assistant Professor, The New College, Madras-14.	Books Specimen Chemicals Equipments.	Rs. 500/- Rs. 200/- Rs. 1,300/- Rs. 1,500/- <u>Rs. 3,500/-</u>
		Total:	Rs. 3,500/-
19.	Dr. Bhup Narain Yadav, Lecturer, Gaya College, Gaya (Bihar)	Books Chemicals Fishes Photography	Rs. 1,000/- Rs. 1,000/- Rs. 200/- Rs. 200/- <u>Rs. 2,400/-</u>
		Total:	Rs. 2,400/-
20.	Dr. Sudhir Bhargava, Lecturer, Government College, Ajmer (Rajasthan).	Chemicals Equipment & Glassware Field Work Books etc.	Rs. 1,500/- Rs. 1,500/- Rs. 500/- Rs. 1,000/- <u>Rs. 4,500/-</u>
		Total:	Rs. 4,500/-
21.	Dr. Smriti Bardhan, Lecturer, F.M. College, Balasore (Orissa).	Books Chemicals Equipments Field Work	Rs. 500/- Rs. 500/- Rs. 1,200/- Rs. 300/- <u>Rs. 2,500/-</u>
		Total:	Rs. 2,500/-
22.	Dr. Tapati Basu, Lecturer, Ram Mohan College, Calcutta.	Books Equipment Animals & Food Chemicals	Rs. 500/- Rs. 1,500/- Rs. 2,000/- Rs. 1,000/- <u>Rs. 5,000/-</u>
		Total:	Rs. 5,000/-
23.	Dr. (Miss) Kamar Banu Karim, Lecturer, Institute of Science, Nagpur.	Field Work Chemicals Books, Photography etc.	Rs. 2,000/- Rs. 1,500/- Rs. 1,000/- <u>Rs. 4,500/-</u>
		Total:	Rs. 4,500/-

MATHEMATICS/STATISTICS

1	2	3	4
1.	Dr. Narahari Parhi Lecturer Berhampur University Berhampur	Books & Journals	2,000
2.	Dr. Rany Yohan Denis Lecturer Gorakhpur University Gorakhpur	-do-	2,000
3.	Dr. Bholanath Pandey Lecturer Gorakhpur University Gorakhpur	Books Photo copies	2,000 1,000 <u>3,000</u>
4.	Dr. S.G. Prabhu - Ajgaonkar Reader Marathwada University Dharwar	Books Computation	500 500 <u>1,000</u>
5.	Dr. R.K. Jain Lecturer Roorkee University Roorkee	Books Computer	1,500 2,000 <u>3,500</u>
6.	Dr. Tulshiram Hari Date Lecturer Shivaji University Kolhapur	Books Computation	1,000 2,000 <u>3,000</u>
7.	Dr. Prem Chandra Lecturer, Vikram University Ujjain	Books	1,500

MATHEMATICS/STATISTICS(Contd.)

1	2	3	4
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8.	Dr. K.P. Saxena Lecturer University of Vikram Ujjain	Books Computation	750 2,500 <hr/> 3,250
9.	Dr. J.K. Tailor Lecturer Vikram University	Books Computation Field Work	1,000 1,500 500 <hr/> 3,000
10.	Shri Purna Chandra Samal Lecturer Sambalpur University Crissa	Books	2,000

COLLEGES

1.	Shri Brij Nandan Lal Bansal Lecturer, S.D. College, Muzaffarnagar (UP)	Books & Journals Computation	1,000 1,000 <hr/> 2,000
2.	Km. Malabika Datta Lecturer Agra College Agra	Books & Jouranals	1,500
3.	Shri Ananth K. Atre Reader, Vijaya College Bangalore	-do-	1,000
4.	Shri Hari Shankar Prasad Lecturer Post Graduate College Ghaziipur (UP)	-do-	2,000
5.	Shri T.C. Panda Lecturer R.C.M. Science College Khallikote (Ganjam)	Books & Journals Computation	2,000 1,000 <hr/> 3,000

MATHEMATICS/STATISTICS (COLLEGES - CONTD.)

1	2	3	
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6.	Dr. Munish Chander Furi Lecturer Hans Raj College Delhi	Books & Journals	1,500
7.(b)	Shri Subhash Chander Arora Lecturer Hans Raj College Delhi.	Books & Photo Stat copies	1,000
8.	Shri Shrt Niwal Mishra Reader S.C. College, Ballia(UP)	Books & Journals Photo Stat copies	2,500
9.	Shri C.K. Dave Professor (Asstt) Holkar Science College Indore	Books & Copies of Research Papers	2,500
10.	Shri Hajari Lal Bholi Asstt. Professor Ambah Postgraduate College Ambah (Morena)	Books & Journals Photo copies	1,500 500 <hr/> 2,000
11(b)	Shri Rajendra Lecturer A.S. Post-graduate College Lakhooti, Dist. Bulandshahr	Books & Journals	2,000
12.	Shri Mappillai Raj Bagvandas Tutor Madras Christian College Tambaram, Madras-59.	Books Field Work	500 1,000 <hr/> 1,500
13.	Shri Uttamrao Dashrathrao Dhongade, Lecturer, S.B. College of Arts Aurangabad.	Books & Jouranals Stationery	800 200 <hr/> 1,000



MATHEMATICS/STATISTICS (COLLEGES - CONTD.)

1	2	3	4
14.	i) Dr. Samudrla Venkata Krishna ii) (Head) & Shri P.A. Yogi Prof. Science College, Nanded Aurangabad	Books & Journals Computation	3,000 2,000 <hr/> 5,000
15.	Shri Om Prakash Head, Govt. College Ajmer (Rajasthan)	Books & Photo Copies Computation	1,000 500 <hr/> 1,500
16.	Shri A. Narayana Acharya Reader, Bhandarkars' College Coondapoor	Books	1,000
17.	Shri Chandra Kishore Sharma Lecturer, S.S.L.T.P.V.M. College Parasia (MP)	Books & Journals	2,000
18.	Shri K.R. Patil Lecturer, A.S.C. College Ramanandnagar	Books	1,000
19.	Shri Chakra Dhar Das Lecturer Regional Engg. College Rourkela	Books & Journals	1,500
20.	Capt. D. Bathaiah Lecturer Besant Theosophical College Madanapalle P.O. Chitt: Distt. (Andhra Pradesh)	Books & Journals	1,500
21.	Shri H.L. Gupta Lecturer Govt. Engg. College Ujjain	Books	1,000

MATHEMATICS & STATISTICS (COLLEGES - CONTD.)

1	2	3	4
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- 22. Shri S.N. Ojha  
Lecturer  
S.C. College  
Ballia Books & Journals 1,000
  
- 23. Shri Tikam Singh  
Lecturer  
Govt. Engg. College  
Ujjain Books & Journals 1,000

UNIVERSITY GRANTS COMMISSION

GEOLOGY

S.No.	Name of the University/College	Purpose	Amount recommended
1.	Dr. T.V.S.R. Kshira Sagar Lecturer A.U. College of Sc. & Tech., Andhra University	i) Perspex material for sample holders	1,500
		ii) Field Work	1,500
			<u>3,000</u>
2.	Dr. H. Sinvhal Lecturer in Geo-physics Roorkee University	i) Equipment	7,000
		ii) Preparation of testing site for strainmeter	2,500
		iii) Maintenance & Books etc.	500
			<u>10,000</u>
3.	Dr. Vishwajit Gupta Reader-cum-curator Panjab University	i) Field Work	3,500
		ii) Contingency	1,000
			<u>4,500</u>
4.	Dr. K. Kameswara Rao Lecturer Andhra University	i) Field Work	300
		ii) Chemicals	800
		iii) Glassware etc.	500
		iv) Field equipment	400
		v) Labour charges & transport of samples	500
			<u>2,500</u>
5.	Dr. K.V. Suryanarayana Reader S.V. University	i) Diamond Discs for cutting oriented sections	2,000
		ii) Field Work	3,000
		iii) Alternation to the existing rock cutting machine	1,000
			<u>6,000</u>
6.	Shri R.S. Chaturvedi Reader Roorkee Univ.	i) Vehicle propulsion charges for field work	1,000
		ii) Field Work	900
		iii) Contingency	500
		iv) Photographic material & typing	500
		v) Field Camera	2,000
			<u>4,900</u>



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13.	Dr. Arup Kumar Mitra Lecturer Calcutta Univ.	i) ii)	Chemicals Field Work	1,600 1,600
				<u>3,200</u>

COLLEGES

1.	Dr. Sagarlal Ray Lecturer, G.C. College Silchar (Ganhati Univ)	i) ii) iii)	Field Work Chemicals Computation & literature	1,000 1,000 500
				<u>2,500</u>

2.	Sh. A.K. Roy Lecturer Asutosh College, Calcutta (Calcutta Univ.)	i) ii) iii)	Field Work Thin section Chemicals etc.	2,500 500 2,000
				<u>5,000</u>

3.	Dr. K.K. Subharamaiah Head of the Geology Deptt. N.B. Sc. College Hyderabad	i) ii) iii) iv) v)	Field Work Chemicals Thin Section Photographic material Books	1,000 750 500 100 650
				<u>3,000</u>

4.	Sh. A.K. Bhattacharya Lecturer Yogmaya Devi College Calcutta	i) ii) iii)	Equipment Books Field Work	2,000 500 1,500
				<u>4,000</u>

5.	Shri P.K. Das Lecturer Sibsagar College Jaysagar (Dibrugarh Univ.)	i) ii) iii) iv)	Chemicals Equipment Computation & Fabrication Field Work	500 500 300 1,200
				<u>2,500</u>

1	2	3	4
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6.	Dr. K. Kadirvelu & Shri N. Seshachalam V.O.C. College Tuticorin (Madurai Univ)	i) ii) iii)	Equipment Books Field Work	2,000 500 500
				<u>3,000</u>

7.	Shri Y.R. Deshpande Lecturer New Sc. College Hyderabad (Osmania Univ.)	i) ii)	Field Work Computation work	1,500 500
				<u>2,000</u>

8.	Shri S.V.S.R. Varaprasad Lecturer New Sc. College Hyderabad (Osmania Univ.)	i) ii) iii) iv) v)	Field Work Chemicals Photographic materials Thin Section Computation	1,500 700 200 100 500
				<u>3,000</u>

MEDICINE & ALLIED SUBJECTS INCLUDING PHARMACY (COLLEGES)

1	2	3	4
1.	Dr. A.P. Narasappa Medical College Bangalore University	Sukumaraghrita Chemicals Animals cages & Maintenance Micro-photographs	5,000 1,000 2,500 500 <hr/> 9,000
2.	Shri Jyotimay Ghakraborty Hooghly Mohsin College Calcutta (Burdwan Univ)	Chemicals Animals Glass goods Films	1,200 1,650 300 200 <hr/> 3,350
3.	Dr.(Mrs) J.F. Mascarenhas Lecturer Physiology Goa Medical College (Bombay Univ)	Chemicals Equipment Misc. Animals & diet Stationery	500 300 100 750 150 <hr/> 1,800
4.	Dr. Y.P. Thombre Asstt. Prof. Goa Medical College Bombay Univ., Bambolim	Chemical Equipment Misc. Animal & diet Stationery	100 300 100 1,000 150 <hr/> 1,650
5.	Dr. Mohan Chand Boral Ananda Mohan College, <del>Goa</del> (Calcutta Univ.)	Animals, Equipment, Chemicals	5,000
6.	Dr. S.C. Datta Lecturer A.M. College, Calcutta (Calcutta Univ)	-do-	5,000
7.	Dr. S. Chanda Lecturer City College (Calcutta Univ.)	Animals, Chemicals, Glass-ware & Films etc.	4,900

1	2	3	4
8.	Dr. P. Nath Lecturer in Physiology Krishnath College Berhampore (Calcutta Univ.)	Animals, Chemicals & Equipment	5,000
9.	Dr. S. Dasgupta Lecturer M.B.B. College Agartala, Tripura (Calcutta Univ.)	Field work, Chemicals & Equipment	5,000
10.	Dr. Nirmal Chandrasom Lecturer Tamralipta Mahavidyalaya Tanluk (Calcutta Univ.)	Equipment, Chemicals & Animals	5,000
11.	Dr. Y.C. Chawla Govt. Medical College Rohtak (Kurukshetra Univ.)	Equipment & Chemicals	1,500
12.	Dr. S. Kaneswaran Prof. of E.N.T. Madras Medical College (Madras Univ.)	Chemicals, Equipment & Field work	5,000
13.	Dr. Chandrasekhra Rao & DR. C.P. Viswanatham Kurnool Medical College Kurnool(S.V. Univ.)	Chemicals & equipment	2,000
14.	Sh. A.K. Dabadghao Asstt. Prof. Veterinary College (J.N.K.V.V. Univ) Jabalpur	Equipment etc.	5,000
15.	Dr. K. Sivakumar Asstt. Lecturer B.I.T.S., Pilani	Equipment & Chemicals	4,000



1	2	3	4
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| 16. | Dr. A.K. Ghosh<br>Lecturer<br>Univ. College of Medicine<br>Calcutta-20.<br>(Calcutta Univ.)   | Animals Cages & Chemicals         | 3,000  |
| 17. | Dr. S. Chatterjee<br>Lecturer<br>Univ. College of<br>Science & Tech.<br>(Calcutta Univ)<br>92-Acharya Prafulla Chandra<br>Road, Calcutta-9. | Chemicals & Equipment             | 3,000  |
| 18. | Shri M.R. Bansal<br>Lecturer<br>Deptt. of Bio-Physics<br>Panjab Univ.   | Chemicals & Animals               | 6,000  |
| 19. | Dr. J.D. Honmode<br>Panjab Rao Agril. Univ.<br>Akola  | Equipment, Chemicals &<br>Animals | 10,000 |



ENGINEERING (Contd.)

1	2	3	4
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COLLEGES

1.	Dr. K.S.R. Sarma Lecturer Regional Engg. College Warangal	Computation time Books Tours	1,000 500 500 <hr/> 2,000
2.	Shri G. Devanani Asstt. Professor Regional Engg. College, Warangal J.N. Tech. Univ.	Books Chemicals etc. Fabrication Field Work	500 1,000 2,000 500 <hr/> 4,000
3.	Dr. Y.V. Deshpande Lecturer Head of the Deptt. of Geology, B.V.B. College of Engg. & Tech., Hubli (Karnatak University)	Books Equipments Chemicals Field Work	500 1,500 500 1,000 <hr/> 3,500
4.	Shri S. Sundararajan Workshop Superintendent PSG College of Tech. Coimbatore, (Madras Univ.)	Equipments Books Field Work	4,000 500 500 <hr/> 5,000
5.	Dr. R.V. Rama Rao Lecturer Engg. College (Andhra Univ.)	Field Work Books Computation Chemicals Fabrication	1,000 500 1,000 500 2,000 <hr/> 5,000
6.	Shri A.S. Zadgaonkar Govt. College of Engg. & Tech. Raipur (MP) (Ravishankar Univ)	Books Field Work	500 1,000 <hr/> 1,500

AGRICULTURE

1	2	3	4
1.	Prof. B.A. Lakhdive Punjabrao Krishi Vidyapeeth Akola	Equipment Chemicals	2,500 2,500 <hr/> 5,000
2.	Prof. U.S. Shah Seth M.C. College of Dairy Sc.(Gujarat Agricultural Univ.)	Data Processing Fabrication Testing Field Work	1,000 3,000 1,000 1,000 <hr/> 6,000
3.	Dr. B.R. Patle Associate Prof. J.N. Krishi Vidyapeeth Jabalpur (Veterinary College)	Animals & Feeds Misc.	5,000 1,000 <hr/> 6,000
4.	Sri. U.V. Shastri Associate Prof. College of Agriculture Parbhani (Marathwada Krishi Vidyapeeth)	Reprints & Photo copies Equipments Photographic Materials Field Work	1,500 500 500 500 <hr/> 3,000
5.	Dr. P.P. Mehta Bihar Agril. College Sabour (Bihar Agril. Univ.)	Field Work Glass wares Chemicals & Books Tours	1,500 1,000 500 <hr/> 3,000

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 9th & 10th Dec., 1974

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

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- (1) Proposal of Panjab University for undertaking projects for compilation of Encyclopaedia dictionary in Panjabi.

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The proposal of Panjab University for financial assistance for undertaking three projects viz. Compilation of an Encyclopaedia in Punjabi, Compilation of a Standard Punjabi English Dictionary and Compilation of an Etymological Dictionary of Punjabi Language could not be accepted by the Commission. The university has been informed that such projects are best undertaken with assistance from the State Governments to whom the Central Government provides funds for the development of regional languages. The university has, therefore, been advised to contact the State Government in the matter.

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'CHUGH'

Revised Item 2(a)(3)

Proposals accepted by the U.G.C. for  
Colleges in Eastern India.

(1) Moirang College, Moirang - Additional teaching  
accommodation.

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The Commission, in November, 1973, accepted in principle the proposal of Moirang College, Moirang, Manipur for the construction of additional teaching accommodation at an estimated cost of Rs.1,78,329/- with its share as Rs.1,18,886/- or 2/3rd of the actual cost or whichever is less subject to the condition that the Commission will give no grants during the financial year 1973-74. On receipt of a request from the College the proposal of the College has now been accepted finally and the College has been allowed to take up the project in 1974-75 at the cost and the sharing basis as indicated above.

(2) Nowgong College - Living Room Furniture for Men's Hostel.

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The Commission had accepted the proposal of Nowgong College, Nowgong for the construction of Mens' Hostel for 68 students at a cost of Rs.3,32,772/- with its share as Rs.1,40,055/- during the Fourth Five Year Plan period under the scheme of Rs. 3 lakhs. The College had not made any provision for living room furniture in the initial estimates. Consequently, the College approached the Commission in April, 1974 for assistance towards the purchase of living room furniture for the hostel building. Since the hostel building could not be put to use without living room furniture and the building was nearing completion, the proposal of the College for the purchase of living room furniture at an estimated cost of Rs.12,920/- with U.G.C. share as Rs.6,460/- or 50 per cent of the actual cost or whichever is less has been accepted as this was an on going project. The amount paid/to be paid to the College towards this project during the Fifth Five Year Plan period would be the first charge against the Fifth Plan allocation.

(3) T.N.B. College, Bhagalpur - Residential Flats for  
Teachers.

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In December, 1971 the Commission on the basis of the recommendations of the U.G.C. Advisory Committee on Teachers Hostel accorded its approval in principle to the proposal of the T.N.B. College, Bhagalpur for construction of Teachers Hostel and requested the college to send a detailed proposal for final approval.

The College submitted the detailed estimates in June, 1973 for final approval of the Commission and intimated that they had started the construction work in anticipation of Commission's approval. But the consideration of the proposal was postponed by the Commission due to paucity of funds during 1973-74.

The Bhagalpur University in July, 1974 intimated that the college had incurred a total expenditure of Rs.93,573/- on the project and requested for final approval of the Commission to the proposal of the college.

Under the circumstances stated by the University the proposal of the T.N.B. College, Bhagalpur for construction of Teachers Hostel at an estimated cost of Rs.1,78,221/-, with Commission's share being limited to Rs.1,41,253/- or 80% of the actual cost whichever is less has been accepted.

(4) R.D. & D.J. College, Monghyr - Residential Flats for Teachers.

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In December, 1971 the Commission on the basis of the recommendations of the U.G.C. Advisory Committee on Teachers Hostel accorded its approval in principle to the proposal of the R.D. & D.J. College, Monghyr for construction of Teachers Hostel and requested the college to send a detailed proposal for final approval.

The College submitted the detailed estimates in June, 1973 for final approval of the Commission and intimated that they had started the construction work in anticipation of Commission's approval. But the consideration of the proposal was postponed by the Commission due to paucity of funds during 1973-74.

The Bhagalpur University in July, 1974 intimated that the college had incurred a total expenditure of Rs.66,409/- on the project and requested for final approval of the Commission to the proposal of the college.

Under the circumstances stated by the University the proposal of the R.D. & D.J. College, Monghyr for construction of Teachers Hostel at an estimated cost of Rs.1,78,221/- with Commission's share being limited to Rs.1,41,247/- or 80% of the actual cost whichever is less has been accepted.

(5) Marwari College, Bhagalpur - Residential Flats for Teachers.

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In December, 1971 the Commission on the basis of the recommendations of the U.G.C. Advisory Committee on Teachers Hostel accorded its approval in principle to the proposal of the Marwari College, Bhagalpur for construction of Teachers Hostel and requested the college to send a detailed proposal for final approval.

The College submitted the detailed estimates in June, 1973 for final approval of the Commission and intimated that they had started the construction work in anticipation of Commission's approval. But

the consideration of the proposal was postponed by the Commission due to paucity of funds during 1973-74.

The Bhagalpur University in July, 1974 intimated that the college had incurred a total expenditure of Rs.59,737/- on the project and requested for final approval of the Commission to the proposal of the college.

Under the circumstances stated by the University the proposal of the Marwari College, Bhagalpur for construction of Teachers Hostel at an estimated cost of Rs.1,78,221/- with Commission's share being limited to Rs.1,00,000/- or 30% of the actual cost whichever is less has been accepted.

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting: 9th & 10th Dec., 1974

Item No.3: To approve the statement of grants released after the last meeting of the Commission held on 11th November, 1974.

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P L A N

S.No.	Name of the University	Purpose	No. of instalments	Grants released
1.	<u>Agra University</u>			
		XII Biennial Conference of the Home Science Association of India at AGCA.		2,000
		<u>Affiliated Colleges</u>		
	Narain College, Shikohabad.	Construction of Library building, purchase of science equipment, Library furniture and books.	3rd	15,000
	Agra College, Agra.	Financial Assistance to Teachers for research/learned work in science and Humanities including Social Sciences - Payment of second instalment of grant - code No.4401.	final	250
	Vardhaman College, Bijnor.	Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of second instalment of grant.	2nd & final	250
	Govt. Degree College, Jopeshwar (Chattali).	-do-	2nd & final	500
	Upadhi Mahavidyalaya, Pilibhit.	Construction of classrooms - regarding.	2nd	60,000
	-do-	Construction of Teachers' Hostel.	2nd	30,000

P.T.O.

Agra University (Contd.)

Affiliated Colleges

U.P. College of Veterinary Science & Animal Husbandry, Mathura.	Utilization of Services of Retired Teachers - Payment of honorarium.		3,000
Kishori Raman College (Boys), Mathura.	Extension of Laboratory building, purchase of laboratory equipment and furniture - regarding.	1st	42,000
Barailly College, Barailly.	Utilization of Services of Retired Teachers - Payment of honorarium.		3,000
Total:			1,46,000

2. Aligarh Muslim University

Regarding reimbursement of the expenditure incurred towards the purchase of Air-conditioner for Russian Language Teacher - Mrs. Kostina Olga.	8,869
Purchase of Microfilm Readers for the Department of Faculty of Arts - Regarding.	32,000
Evening Classes in Arts & Commerce at undergraduate level.	60,000
Construction of Boundry Wall for 480 Engineering Students Hostel - Two Cabins of Gatekeeper and Electrification (Internal) of it - Approval and Sanction - Regarding.	34,260.42
Grant-in-aid for the development of Postgraduate courses in Engineering & Technology at the Aligarh Muslim University.	1,70,000

Aligarh Muslim University (Contd.)

Construction of 36 residential quarters for Class IV stall of hospital attached to Jawaharlal Nehru Medical College.	2,00,000
Centre of Advanced Study in History - Release of non-recurring grant for the purchase of books and journals.	12,000
Construction of Amenities Block (Cafeteria and meeting rooms for Girls and Boys) in the Faculty of Arts Building.	20,000

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Total: 5,37,129.42

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University of Allahabad

Construction of 300 rooms Boys Hostel - Sanction of grant for.	50,000
Senior/Junior Research Fellowships in Sciences/Humanities including Social Sciences/Research Fellowships in Engineering & Technology/Utilization of services of retired teachers - payment of contingency grant.	1,000
University Grants Commission Assistance for the Research Project entitled "Kinetics and Mechanism of Oxidation of Sugars by some Less Familiar Oxidants" of Dr. S.P. Mishra, Department of Chemistry, Fifth Five Year Plan period - 1st instalment of grant.	5,000
Construction of Extension of Law Faculty Building - Sanction of grant for.	25,000

P.T.O.

Allahabad University (Contd.)

Construction of Music Department - Sanction of grant for.	65,000
Purchase of furniture & fittings for new extensions to Chemistry Department - Sanction of grant for.	20,000
Construction of overhead tank and tubewell in the Department of Chemistry - Sanction of grant for.	25,000
Construction of Cycle Sheds - Sanction of grant for.	10,000

Affiliated Colleges

Ewing College, Allahabad.	Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - Payment of 2nd instalment of grant - code No.4407.	2nd & final	250
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Total: 2,01,250

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4. Andhra University

Consturction of 1st Floor Over New Botany Building during Fourth Plan period.	2nd	1,00,000
Senior/Junior Research Fellowships in Sciences/Humanities including Social Sciences/Research Fellowships in Engineering & Technology/Utilization of services of retired teachers/payment of fellowship/honorarium and contingency grant.		4,167.10

F.T.O.

Andhra University (Contd.)

5th International Conference on Humanities Psychology during August, 1974.		3,000
Annual Conference of the Indian Commerce Association in December, 1974.		3,000
Annual Conference of the Indian Economics Association from 27th December to 31st December 1974.		3,000
Award of National Fellowships - Professor C.R.K. Murty.		11,300
Postgraduate courses in Hydraulics in Civil Engineering - Payment of equipment grant for.	1st	50,000
Recurring grant for the postgraduate course in Hydraulics in Civil Engineering.		60,000
Seminar on Improvement in the teaching of Economics.		7,187.50
Writing of University Level books/monographs.		2,000
-do-		8,467.74
-do-		1,613.74
Programme of Special Assistance to Selected Departments - Department of Geology - Release of 'on account' grant - regarding.		1,64,941.99
Utilization of services of Retired Teachers - Payment of honorarium.		3,000

Affiliated Colleges

Vindu College, Guntur (A.P.)	-do-		2,919.36
V.R.S. & Y.R.N. College, Chirala (AP)	Construction of Men's Students hostel - Payment of grant.	3rd	10,000

P.T.O.

Andhra University (Contd.)

Affiliated Colleges

Andhra University Post Graduate Centre, Guntur-5.	Financial Assistance to Teachers for research/learned work in sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	375
Pedanandipadu College of Arts and Science, Pedanandipadu (AP)	Development of Postgraduate Studies in construction of Additional Teaching Accommodation.	2nd	30,000

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Total: 4,64,972.33

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5. A.P. Agricultural University, Hyderabad.

Affiliated Colleges

Agricultural College, Bapatla.	Students' Aid Fund in the Colleges - Grant for 1973-74.		1,750
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Total: 1,750

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5. Annamalai University

Postgraduate courses in Engineering - Building for Civil and Mechanical Engineering.	7th	5,000
Construction of building for additional facilities for U.C. and P.G. Courses in Electrical Engineering.	6th	50,000
Award of Junior Research Fellowships in Engineering and Technology to the students admitted in July, 1972.		2,984

P.T.O.

Annaramalai University (Contd.)

Award of Junior Research Fellowships in Engineering and Technology to the students admitted in July, 1972.		2,984
Development Scheme under 4th Plan period - Purchase of equipment for Humanities Departments.		15,737
Development Schemes under 4th Plan period - construction of Women Students Hostel.		80,000
Development Schemes under 4th Plan period - construction of Postgraduate Block for Humanities Departments.		1,00,000
Development Schemes under 4th Plan period - construction of a composite building.		70,000
Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	500
Development Schemes under 4th Plan period - Publication of Research Works including Doctoral thesis.		1,492
Development Schemes under 4th Plan period - unassigned grant from 1965-67 to 1973-74.		5,608.17
Purchase of equipment for the postgraduate course in Chemical Engineering.	4th	10,000
Grant-in-aid for the development of P.G. Course in Engineering and Technology - purchase of equipment.	3rd	50,000
Centre of Advanced Study in Linguistics - Grant for construction of Library Hall.	2nd	16,000

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Total: 4,10,305.17

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P.T.O.

7. A.P. Singh University, Rewa.

Affiliated Colleges

S.K.W. Degree College, Mauganj (R. wa).	Assistance for the purchase of Semi-Micro Analysis equipments.	1st & final	5,000
-do-	Assistance for the construction of Non- Resident Students' Centre.	2nd	15,000
N.S. Postgraduate College, Chakghat - Rewa.	Assistance for the purchase of laboratory equipment and furniture - under the Scheme 3 lakhs.	final	4,166
Total:			24,166

8. Bangalore University

Guru Nanak Jit  
Centenary celebrated. 142.13

Affiliated Colleges

Theal Ameen Arts, Science & Commerce College, 20/2, Albert Victor Road, Kalasipalyam, Bangalore.	Financial Assistance to Teachers for research/ learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant - code No.3967.	2nd & final	500
S. Nijalingappa College, IInd Block Rajajinagar, Bangalore.	Construction of Teaching Accommodation under the Scheme of 2 lakhs during IVth Plan period.	1st	50,000
Total:			50,642.13



9. Banaras Hindu University

Development of teacher education and research in universities - Payment of recurring grant for staff.		10,000
Development of teacher education and research in universities - special grant for equipment and Audio-visual aids.		4,000
Construction of a building for C.P.D. in SS Hospital attached to Institute of Medical Sciences -	1st	50,000
Purchase of furniture.		2,67,932.31
Basic grant for purchase equipment during 5th plan period.		
University Grants Commission Assistance for the Research Project entitled "Mechanism of Recombination in Eukaryotes" of Dr.S.K. Sen, Department of Genetics and Plant Breeding, Faculty of Agriculture, - 3rd instalment of grant.		25,500
Introduction of Diploma Course in Journalism.	2nd & final	29,872.72
Financial Assistance to University for employment of trained coaches - Payment of grant for the period ending 1973-74.		18,064.79
Development of the College of Technology - Provision of Additional facilities - Purchase of Furniture.	3rd	4,000
Grant-in-aid for the Development of Instructional facilities at the College of Technology - Purchase of Equipment.	12th	20,500

P.T.O.

Banaras Hindu University (Contd.)

Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant - code No.3894.	2nd & final	350
Writing of University Level Books/Monographs.		6,780
Utilization of Services of Retired Teachers - Payment of honorarium.		3,000
Construction of 550 bedded wards in S.S. Hospital attached to the Institute of Medical Sciences, Varanasi.	9th	10,00,000
Purchase of Furniture for Dalmia Hostel under Students Amenities Programme.	1st	30,000
Grant-in-aid for purchase of equipment including books under the scheme - Expansion of training capacity for the college of engineering.	9th	5,000
Consolidation and Development of the Department of Silicate Technology - Recurring grant.		50,000
Institute of Medical Sciences - Expansion of the Surgical Research Laboratory and Additional staff of Surgical Research Laboratory - Payment of recurring grant.	7th	60,000
All India Conference on Women's Education at Mahila Mahavidyalaya, B.H.U.-Varanasi.		3,000
Construction of a hostel for 100 Women Students under Students Amenities Programme.		15,000

P.T.O.

Banaras Hindu University (Contd.)

U.G.C. Assistance for the  
research project entitled  
"Molecular Biology of Host  
Virus Relationship" of  
Dr. (Mrs.) Maharani  
Chakrabarty, Department of  
Biochemistry, Institute of  
Medical Sciences, Fifth  
Five Year Plan period -  
1st instalment of grant.

10,000

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Total: 16,12,409.82

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10. Berhampur University

Affiliated College

Chatrapur Science  
College, Chatrapur  
(Ganjam) Orissa.

Grants to Colleges for  
Laboratory equipment.

final 4,484.78

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Total: 4,484.78

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11. Bhagalpur University

Grant-in-aid towards the  
construction of animal  
House for Zoology

25,000

Department.

Grant-in-aid for the  
purchase of equipment for  
Postgraduate Science

1,50,000

Department - Basic grant  
- 5th Plan.

Affiliated College

T.R.N. College,  
Bhagalpur.

Financial assistance to 2nd &  
Teachers for research/learned Final  
work in science and Humanities  
including Social Sciences -  
Payment of Second instalment of  
grant.

250

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Total: 1,75,250

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P.T.O.

12. Bihar University

Affiliated Collages

Raj Narain College, Bajipur (Distt. Vaishali) Bihar.	Construction of Bobby Workshop Science Workshop.	4th & final	1,000
L.S. College, Muzaffarpuf(Bihar)	Financial Assistance to Teachers for research/ learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	1,500
Total:			2,500

13. Bombay University

UGC Grant for establishment of research unit in Economics of education - Department of Education.	50,000
Basic grant for the purchase of Scientific Equipment during the 5th Five Year Plan Period.	1,10,000
UGC assistance for the research project entitled "Studies on Metal Complexes of Biologically active Polydentate Ligands" of Dr. A. Syamal, Department of Chemical Technology, Fifth Five Year Plan period - 1st instalment of grant.	5,600

Affiliated Collages

Maharshi Dayanand Education Society's College of Arts and Science, Bombay-	Development of Flay field and purchase of accessories for Games and sports.	1,500
Institute of Science, Bombay.	Utilization of Services of Retired Teachers - Payment of honorarium.	3,000

Bombay University (Contd.)

Affiliated Colleges

Seth G.S. Medical College, Parel, Bombay-400012.	Purchase of Library Books and Journals for the Development of Libraries in the Medical Colleges - sanction of grant for.	3rd & final	997.84
R.K. Talreja College, Ulhasnagar, Distt. Thana (M.S.)	University Employment Information-cum-Advisory Bureau and Career Advising Unit in Colleges - sanction of grant for.		500
New Law College, Senapati Bapat Marg, <u>Bombay-5.</u>	Book grant for the purchase of Library Books during 1970-71.	2nd	1,115.60
Chikitsak Sanuba S.S. and L.S. Patkar College, Goregaon, Bombay-62 NB.	Construction of Science Laboratory for Biology - sanction of grant for.	2nd	10,000
Total:			1,82,713.24

14. Burdwan University

Unassigned grant for 1973-74 - Release of grant 2nd instalment.	2nd & final	12,500
Un-assigned grant - 1974-75.	1st	15,000
Grant-in-aid for the purchase of Scientific equipment during the Vth Plan period.	1st	2,00,000
Payment of grant towards the salary of staff appointed in Science Department under the 4th Plan Development Schemes.		45,731

Affiliated Colleges

Hooghly Women's College PO & Distt. Hooghly.	Improvement of Library and Laboratory equipment.	15,124.91
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P.T.O.

Burdwan University (Contd.)

Affiliated Colleges

Bankura Sammalini College, Bankura (WB)	Book grant for 1970-71 to Bankura Sammalini College, Bankura.		3,332.45
-do-	Laboratory fittings and furniture for library & laboratory.	2nd & final	8,083
-do-	Construction of additional Teacher's Accommodation.	3rd & final	3,850
-do-	Extension of Laboratories & Library.	final	4,494
Total:			3,08,115.36

15. Calcutta University

Senior/Junior Research Fellowships in Sciences/ Humanities including Social Sciences/Research Fellowships in Engineering & Technology/Utilization of services of retired teachers - payment of contingency grant.		1,000
Assistance for Research Project entitled 'Archaeology Investigations in West Bengal.		2,500
Assistance for Research Project entitled 'Political Change in West Bengal Since 1967".		5,000
Programme of Special Assistance to Selected Departments - Department of Pure Chemistry - Release of 'on account' grant for the purchase of 'Equipment'.		2,15,000
Centre of Advanced Study in Ancient Indian History and Culture. Award of National Scholarships.		2,809.68

P.T.C.

Calcutta University (Contd.)

Grant-in-aid for the purchase of one unit of Mosael 1400 Desk Culture - Commerce Department.	final	1,473.50
Senior/Junior Research Fellowships in sciences/Humanities including Social sciences/Research Fellowships in Engineering & Technology/Utilization of services of retired teachers - payment of contingency grant.		1,000

Affiliated Colleges

Nobadship Vidyasagar College, Calcutta.	Grants to colleges for laboratory equipment.	2nd & final	3,607
Kalbalyadayini College of Commerce, Midnapore.	Students Welfare Programme.	final	4,000
Dum-Dum Motijheel Evening College of Commerce, Dum-Dum, Calcutta-28.	Consturction of additional Teaching Accommodation, Cycle-shed and Tube-well, and over head tank.	2nd	90,000
Nabadwip Vidyasagar College, Nabdwp.	Grants to college libraries for loan of books to students (Book Bank).	final	5,500
Gobardanga Hindu College, P.O. Gobardanga, 24 Parganas.	Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	150
Medical College, Calcutta.	Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant - code No.3119.	2nd & final	1,500
Ananda Mohan College, 192/5, Amberst St. Calcutta.	-do-	2nd & final	250

Calcutta University (Contd.)

Affiliated Colleges

Nabadwip Vidyasagar College, Nabadwip.	Assistance for the construction (Extension of Laboratory Building.	5th	20,000
Dhruba Chand Molder College, Bakshin Barasat, Distt. 24 Parganas (WB)	Construction of additional teaching accommodation.	3rd & final	5,686
Jogmaya Devi College, Calcutta.	Utilization of Services of Retired Teachers - Payment of honorarium.		3,000
N.S. Medical College, Calcutta.	-do-		3,000
Lady Brabourne College, Calcutta.	-do-		2,532.32
Uluberia College, Uluberia, Howrah.	Grants to College Libraries for loan of books to students' (Book Bank).	final	5,500
Presidency College, Calcutta.	Development of Postgraduate studies in Science subjects in affiliated colleges - Geology.	final	2,500
Seva-Bharati Mahavidyalaya, PO Kargari, Distt. Midnapore.	Construction of Men's Hostel.	5th	2,419
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Total:			3,78,427.50
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16. Calicut University

Purchase of Living Room furniture for the Students Hostel.	Ist	35,000
Establishment of a Health Centre Building.	final	1,000
Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant - code No.3040.	2nd & final	750



Calicut University (Contd.)

Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant - code No.4533.	2nd & final	1,000
Basic grant for the purchase of Books during the 5th Five Year Plan period.		1,40,000
Financial Assistance to teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	500

Affiliated Colleges

Farook Training College, Farook College P.O. (Calicut).	-do-	2nd & final	750
S.K.V. College, Trichur.	Utilization of Services of Retired Teachers - Payment of honorarium.		1,225.81
Vimala College, Trichur.	-do-		3,000
Government College, Madappally, Badagara-2.	Grants to College - Libraries for Loan of Books to students (Book Bank).	final	1,000

Total: 1,84,225.81

7. Cochin University

Grant-in-aid for the development of Scientific Education and research - Payment of grant for purchase of Science equipment for Science department under 5th Plan period.		2,30,000
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P.T.O.

Cochin University (Contd.)

Basic grant for purchase of Library Books and Journals during the 5th Plan period.	Ist	2,50,000
Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant - code No. 2549.	2nd & final	400
-do-	2nd & final	500
Purchase of a new research vessel - Release of grant - regarding.		86,000

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Total: 5,66,900

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18. Delhi University

Construction of Extension to Arts Faculty Building.		5,00,000
1974 Sri Aurobindo Memorial Lectures delivered by Professor K.R. Srinivasa Iyengar.		6,787.50
Improvement of Water Supply System in the 1st Floor of New Zoology Block, first and second floor of new extension by providing water collection tanks a booster pump and water storage over road tank -	final	1,311.42
Basic grant for the purchase of Scientific equipment for Science Departments for the first two years of the V Five Year Plan.	1st	2,00,000

P.T.O.

Delhi University(Contd.)

Construction of an Extension of Botany Block.	final	11,800.84
Construction of an Extension of Zoology Block.	final	1,09,794.86
Research Project on Hindi Sans. Sahitaya Kosha.	3rd	2,000
Construction of Hobby Workshop into Chemical Laboratory.	final	6,501.14
Construction of building of Geology Department.	final	49,531.89
Centre of Advanced Study in Chemistry - Release of Non-recurring grant.		43,697
Travel grant in respect of Shri Van Mala - P. J. Scholarship under NEFA Programme (UGC) 1973-74.		326
Additional requirements of the Business Management and Industrial Administration.		2,403.25
University Grants Commission Assistance for the Research Project entitled "The Chemistry of some metal Chelate Compounds" of Prof. R.P. Singh, Department of Chemistry - Fifth Five Year Plan period - 1st instalment of grant.		5,000
Payment of custom duty on the equipment to be imported under the Central Science Faculty.	2nd	1,00,000
Improvement of Water Supply System in the 1st Floor of New Zoology Block, first and second floor of new extension by providing water collection tanks, a booster pump and water storage over road tank.	final	1,311.42
Centre of Advanced Study in Physics - release of grant for International Conference on Gamma Ray Transition Probabilities.		30,000

F.T.O.

Delhi University (Contd.)

Centre of Advanced Study in Physics - Release of grants.	84,000
U.G.C. Assistance for the Research Project entitled "Studies in the Taxonomy, Zoogeography and Evolution of Oriental Ichneumonidae (Parasitic Hymenoptera)" of Dr. V.K. Gupta of the Department of Zoology, Fifth Five Year Plan period - 1st instalment of grant.	30,000
Senior/Junior Research Fellowships in Sciences/ Humanities including Social Sciences/Research Fellowships in Engineering & Technology/ Utilization of services of retired teachers - payment of contingency grant.	999.5
Senior Research Fellowship in Science - payment of contingency grant - regarding 4th National Conference in Communicable Diseases Maulana Azad Medical College New Delhi.	1,000
International Satellite Symposium on Physiology.	3,000
	10,000

Affiliated Colleges

Shivaji College, Karampura, New Delhi.	Construction of College building.	2,00,000
St. Stephen's College, Delhi.	Construction of Teachers' Hostel.	60,000
Johns' and Mary College, Chanakayapuri New Delhi.	Purchase of furniture for Psychology Laboratory.	3,000
Delhi College, Ajmeri Gate, Delhi.	Award of scholarships for honours studies in Arabic during 1974-75.	1,200
Kamala Nehru College, Defence Colony, New Delhi.	Construction of college building at Maus khas.	25,000

Delhi University (Contd.)

Affiliated Colleges

Mirana House, Patel Chest Marg, Delhi-7.	Construction of Library Building.	1,00,000
Kirori Mal College, Delhi.	Financial Assistance to Teachers for research/ learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant - code No.6448.	250
Ram Lal Anand College, Anand Niketan Marg, New Delhi.	Purchase of Library books and consequent upon the introduction of B.Com(Hon.) Course w.e.f. 1974-75.	5,000
A.R.S.D. College, New Delhi.	Financial Assistance to Teachers for research/ learned work in Sciences and Humanities including Social Sciences - payment of second instalment of grant.	2nd & final 400
Gargi College, Jalpat Nagar, New Delhi-24.	Purchase of Library books for B.Com.(Pass) course.	2,500
Ramjas College, Delhi-7.	Construction of Science Block - Purchase of furniture.	40,000
Delhi College (Day classes) Ajmeri Gate, Delhi.	Purchase of water cooler.	5,000
Ramjas College, Delhi.	Construction of Celanco Block - Purchase of furniture.	40,000
Kalinidi College, East Patel Nagar, New Delhi.	Grant for books for the new courses started w.e.f. 1973-74.	2,000
Delhi School of Social Work, 3-University Road, Delhi-7.	Implementation of National Service Scheme.	10,000
Miranda House, Patel Chest Marg, Delhi-7.	Construction of Teachers' Hostel.	50,000
Kamala Nehru College, Defence Colony, New Delhi.	Construction of College Building.	2,00,000

Delhi University (Contd.)

Affiliated Colleges

Lady Irwin College, New Delhi.	Purchase of equipment for the Physics Laboratory.	3,450
Rajdhani College, Kirti Nagar, New Delhi.	Construction of college building.	2,00,000

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Total: 21,47,264.86

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19. Dibrugarh University

Grant-in-aid for the purchase of scientific equipment for the science Departments during the 5th Five Year Plan period.	1,50,000
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Affiliated Colleges

C.K.B. College, Tank (Assam).	Book grant - release of grant therefor.	2nd	7,000
J.B. College, Jorhat.	College Science Improvement Programme - Selected Colleges Project - Grant-in- aid.	2nd	40,000

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Total: 1,97,000

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20. Gauhati University

Travel grant in respect of Miss Lalnuntiuangi, Junior Research Fellowship in Science & Humanities to the students belonging to Hill Area of North Eastern Region of India.	566
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Gauhati University (Contd.)

Financial Assistance to Teachers for research/learned work in science and Humanities including Social Sciences - Payment of Second instalment of grant - code No.3955.	250
Utilization of services of retired teachers - payment of honorarium.	3,000

Affiliated colleges

Pandu College, Pandu, Gauhati-12.	Grant to colleges for Laboratory equipment.	2nd & final	5,000
Biswanath College, Charali.	Students Welfare Programme	2nd & final	198.45
A.D.P. College, Nowgong (Assam.)	Basic grant for purchase of library books - release of final instalment.	2nd & final.	500
St. Thoman's College, Shillong.	Financial Assistance to Teachers for research/learned work in science and Humanities including Social Sciences - Payment of Second instalment of grant - code No.3172.	2nd & final	1,250
Barooh College, Gauhati.	-do-	2nd & final	250
V.K. College, Imphal.	-do-	2nd & final	500
Pandu College, Pandu, Gauhati.	Students Welfare Programme	2nd & final	5,000
Maved's College, Shillong.	Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant - code No.4913.	2nd & final	500

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Total: 17,014.45

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P.T.O.

21. Gorakhpur University

Establishment of Study Centre - Sanction of grant for 1974-75. 8,000

Affiliated Colleges

S.N.K.K.P.M. College, Ballia. Financial Assistance to Teachers for the research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant - code No.4964. 500

Shree Murli Manohar Town Mahavidyalaya, Ballia. Construction of Gymnasium 4th 10,000

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Total: 18,500

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22. Gujarat University

Financial assistance to universities for the employment of trained coaches. final 10,861

Allocation of unassigned grant during the V Plan Release of grant for. 1st 15,000

Senior Research Fellowship in Sciences - Payment of contingency grant. 1,000

Affiliated Colleges

G.L.S. Arts College of Girls, Lal Darwaja, Ahmedabad. Grants to affiliated colleges for the purchase of Chalk Boards. 1st & last 1,820

Shree Rajni Parekh Arts and Shree K.B. Commerce College, Cambay. Grants to college libraries for loan of books to students Book Bank. Final 750



Gujarat University (Contd.)

Affiliated Colleges

Shri C.N.P.F. Arts College and D.N. Science College, Dabhoi. (Distt. Baroda)	Development of postgraduate studies in science subjects in affiliated colleges - Financial assistance by the University Grants Commission during the Fourth Plan period.	final	15,500
H.L. College of Commerce, Post Box No.4020, Ahmedabad.	Construction of Tube-well	1st	25,000
Seth P.T. Arts and Science College, Godhra (Distt. Panchmahalas)	Development of postgraduate studies in science subjects in affiliated colleges - Financial assistance by the University Grants Commission during the Fourth Plan period.	final	13,000
R. R. Lalan College, Bhuj.	Financial assistance to Teachers for research/ learned work in Sciences and Humanities including Social Sciences - Payment of second instalment of grant.	2nd & final	2,000
Gujarat College, Ahmedabad.	Utilization of services of Retired Teachers - Payment of honorarium.		2,000
Shri B.P. Brahmabhatt Arts and M.V. Guru Commerce College, Ujha.	Expansion of Library Building	3rd	45,000
Shri C.N. Patel Fartikuiwala Arts College and D.N. Science College, Dabhoi. (Distt. Baroda)	Construction of Teachers' Hostel.	1st	40,000
M.G. Science Institute, Ahmedabad.	Construction of Tube Well and Over Head Tank.	1st &	50,000
Shri S.K. Shah & S.O.M. Arts and Shri H.S. Shah College of Commerce, Modasa.	Construction of Additional Teaching Accommodation.	final	2,370
-do-	Construction of Women's Hostel	final	5,424

Total:

2,29,725

P.T.O.

23. Guru Nanak University

Affiliated Colleges

D. A. V. College, Jullundur.	Development of Postgraduate Studies in the Humanities and Social Sciences.	3,000
Doaba College, Jullundur.	Development of P.G. Studies final in the Humanities and Social Sciences.	7,471.96
Total:		10,471.96

24. Haryana Agricultural University

Writing of university level books/monographs.	1,500	
Total:		1,500

25. Himachal Pradesh University

Construction of Men's Hostel for 160 students.	6th	1,50,000
Construction of Women's Hostel for 80 students.	2nd	1,00,000
Total:		2,50,000

26. Hyderabad University

Payment of grant to Hyderabad University.	2,00,000	
Total:		2,00,000

27. Indore University

Department of Business Management - Release of grant for the purchase of furniture.	final	500
Annual Conference of Madhya Pradesh Non-Govt. College Teachers Association at Indore.		2,000
Department of Business Management - Release of grant for the purchase of equipment.	final	14,398.90
U.G.C. Assistance for the Research Project entitled "Study of Dielectric Properties of Certain Complexes and of Organic Semi-conductors followed by Transition Metals" of Dr. R.G. Anikhindī & Dr. S.S. Abhyankar, Department of Physics, Fifth Five Year Plan period - 1st instalment of grant.		10,000

Affiliated Colleges

Easturbabai Rural Institute, PO Easturbabari, Indore.	Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - Payment of second instalment of grant - code No.3819.	2nd & final	1,000
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Total: 27,898.90

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28. Jabalpur University

Affiliated colleges

Katni Mahila Mahavidyalaya, Katni.	Book grant to colleges - 1971-72 - cent per cent.	final	1,125
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P.T.O.

Jabalpur University (Contd.)

Affiliated Colleges

Navyog Arts and Commerce College, Jabalpur.	Assistance for purchase of Library Books under the IV Plan ceiling of Rs.3 lakhs.	final	10,945
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Total: 10,070

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29. Jadavpur University

Grant-in-aid towards Junior Fellowships to the students admitted during 1971-72 to the P.G. Courses in Engineering & Technology at Jadavpur University.	45,000
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Total: 45,000

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30. Jawaharlal Nehru University

Basic grant for the purchase of library books & journals during the Fifth Plan period.	1st	1,00,000
Financial assistance to teachers in the universities and colleges for undertaking research or learned work in Humanities and Social Sciences/Sciences - Payment of first instalment of grant.		1,500
Appointment of additional staff in Humanities and Social Science Department under the Fourth Plan scheme - grant for.		16,878.55
Construction of ducts for providing air-conditioning in the Computer Centre at JNU Campus.	1st	1,00,000

Jawaharlal Nehru University(Contd.)

Area Studies programme - 900  
Award of senior research  
fellowship to Dr. Vinod  
Kumar Mehta.

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Total: 2,19,273.55

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31. Jammu University

Salaries of Staff of final 9,524.84  
Law Department for IVth  
Plan period - regarding.

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Total: 9,524.84

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32. Jiwaji University

Affiliated college

Madhaw Mahavidyalaya, Grant to Colleges under 2nd & 5,000  
Vivekanand Marg, student welfare, final  
Jwalior. programs.

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Total: 5,000

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33. Jodhpur University

Financial Assistance to 2nd & 375  
Teachers for research/ final  
learned work in Science  
and Humanities including  
Social Sciences - Payment  
of Second instalment of  
grant - code No.4652.  
Writing of University level 234.90  
books/monographs.

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Total: 609.90

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P.T.O.

34. Kalyani University

Grant-in-aid towards the construction of Men Hostel for 120 students.	3rd	50,000
Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	2,000

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Total. 52,000

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35. Kanpur University

Affiliated Colleges

Juhari Devi Girls College, Kanpur.	Purchase of Apparatus, Instruments for Psychology & Home science Laboratory equipment.	2nd & final	2,785.98
B.N.V. Degree College, Rath (Famirpur).	Book grant to colleges - 1970-71 - Release of Balance grants.	2nd & final	1,125
Bundalkhand College, Jhansi.	Construction of Residential Flats for Teachers - Submission of completion of retification.	6th & final	5,000
V.S.S.D. College, Kanpur.	Utilization of Services of Retired Teachers - Payment of honorarium.		3,000
G.S.V.M. Medical College, Kanpur.	Travel grant to Dr. R.T. Singh to participate in the IXII Congress International Ophthalmology to be held from 26th May to 31st May, 1974 at Paris.		4,158
Christ Church College, Kanpur.	Electrification of library building and purchase of library furniture.	final	2,149

P.T.O.

Kanpur University (Contd.)

Affiliated Colleges

D.V. College, Gani (UP)	Construction of Teachers' Hostel.	3rd	40,000
Christ Church College, Kanpur.	Students' Welfare Programme	2nd & final	6,000
K.A. Degree College, Allahabad.	Book Grant - 1970-71	2nd & final	1,375

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Total: 65,592.98

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36. Karnatak University

Construction of a building for the department of Geology.		1,00,000
Financial assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	500
Establishment of Study Centre.	final	517.13
Grant-in-aid for the purchase of books and journals for the Law Department - Fourth Five Year Plan.		50.94
Writing of University level books/monographs.		2,000
Salary of additional staff for science departments under 4th Plan development scheme.		3,50,000

Affiliated Colleges

otturswamy College of Education, ardhinagar, Ballary.	Grants to teachers training colleges - Purchase of books.	2nd & final	2,000
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P.T.O.

Karnatak University (Contd.)

Affiliated Colleges

H.K.K. Society's S.S. Margol College of Arts and Science, Shahbad.	Purchase of Library Books	final	100
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Total:	4,55,168.07
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37. Kashi Vidyapith

Senior/Junior Research Fellowships in Sciences/Humanities including Social Sciences/Research Fellowships in Engineering & Technology/Utilisation of services of retired teachers - payment of contingency grant.	3,000
Construction of Art College Building during IVth Plan.	70,000

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Total:	73,000
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38. Kashmir University

Salaries of Staff of Science Department for the year 1973-74 - Regarding.	final	19,866
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Affiliated Colleges

Vishwabharti Women's College, Rainawari (Srinagar), Kashmir.	Purchase of Laboratory equipment and furniture.	Vth & final	2,312.80
AS College, Srinagar.	Utilisation of Services of Retired Teachers - Payment of honorarium.		2,500

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Total:	24,678.80
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P.T.O.



39. Kerala University

Financial Assistance to Teachers for Research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	250
Utilisation of Services of Retired Teachers - Payment of honorarium.		3,000
Grant-in-aid for the purchase 1st of Library books and journals for all science and Humanities departments during the 5th Plan period.		1,00,000

Affiliated Colleges

Maharaja's College, Ernakulam.	Grants to affiliated college for the purpose of Laboratory Equipment.	final	2,343
Vellu Thambi Memorial N.S.S. College, Dhruvachapuram.	Grants to college libraries for loan of books to students (Book Bank Scheme) - Statement of expenditure - forwarding of.	2nd & final	4,750
N.S.S. Training College, Ottapalam-1.	Grants to teachers training colleges - construction of laboratory and library building.	5th	20,000
Mar Teophillus Training College, Trivandrum.	Development of teachers training programmes in teachers training colleges.	2nd & final	1,995.22

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Total: 1,32,338.22

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40. Kurukshetra University

Construction of (Married) Teachers Hostel.	6,381
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P.T.O.

Kurukshetra University (Contd.)

A renewal of Postgraduate scholarship in Areas of North Eastern Region of India.	1,800
Renewal of Scholarships for postgraduate studies in Sanskrit/Pali/Bakria to the students during 1974-75.	1,800
-do-	1,800
Summer Institute in Applied 2nd Mathematics for college teachers during 1974 sanction of IIInd instalment of grant for.	2,490

Affiliated College

A-I Jat "aroos Memorial College, Rohtak.	Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final.	250
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Total: 15,021

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41. Lucknow University

Writing of University Level books/monographs.	7,400
Senior/Junior Research Fellowships in Sciences/Humanities including Social Sciences/Research Fellowship in Engineering and Technology/Utilisation of services of retired teachers - payment of contingency grant.	1,000

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Total: 8,400

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42. Madras University

Development Schemes under IV Plan period.	1,00,000
Utilisation of Services of Retired Teachers - Payment of honorarium.	3,000
Payment of recurring grant for the postgraduate courses in Chemical Engineering & Textile Technology.	89,664
Writing of University level books/monographs.	916.67
U.G.C. Assistance for the Research Project entitled "Molecular Rearrangements" of Professor S. Swaminathan, Department of Organic Chemistry - Fifth Five Year Plan period - 1st instalment of grant.	14,600
Development Schemes under under IV Plan Period - Non-Plan project.	25,000

Affiliated Colleges

Madras Christian College, Tamabaram Madras.	Senior Research Fellowship in Science - Payment of contingency grant.	1,000
Holy Cross College, Toppakulam Post Tiruchirapalli-2.	Construction of Residential flat for teachers - release of grant for.	70,000
Sri Ramakrishna Mission Vidyalaya, Teachers College, Coimbatore.	Development of teachers training colleges in teachers training colleges.	final 500
Pushpan College, Poondi (Distt. Thanjavur) Tamilnadu.	Construction of Men's Hostel - release of grant for.	5,000
College of Engineering, Guindy, Madras.	Financial Assistance to Teachers for research/learned work in science and Humanities including Social Sciences - Payment of Second instalment of grant - code No.3611.	2nd & final 250

P.T.O.

Madras University (Contd.)

Affiliated Colleges

P.S.G. College of Technology, Coimbatore-4.	Financial Assistance to Teachers for research/learned work in science and Humanities including Social Sciences - Payment of Second instalment of grant - cdeo No.3314.	2nd & final	250
Sri Avisnabilingam Home Science College for Women, Combatore.	-do-	2nd & final	500
P.S.G. College of Technology, Coimbatore.	-do-	2nd & final	250
B.F. College, Coimbatore.	-do-	2nd & final	250
Loyola College, Madras.	Fourth Plan - Development of Postgraduate Studies - Chemistry	final	6,000
Christian Medical College, Vellore-2.	Travel grant for attending the 6th Asian Scientific Congress of Gestetrics and Gynaccology regarding Dr. Vimala Isaac.		1,836
Arignar Anna Govt. Arts College, Chayyar (Madras).	Construction of Science Block.	3rd	60,000
Sri Rama Krishna Mission Vidyalaya Arts College, Sri Ramakrishna Vidyalaya, Coimbatore.	Grant to college libraries for loan of books to students - (Book Bank).	2nd & final	3,250
Ethiraj College, Egmore, Madras.	Development of Postgraduate Studies in Humanities and Social Sciences.		1,000

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Total: 3,83,266.67

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43. Madurai University

M.Sc. Course in Molecular Biology - Award of Studentships of the value of Rs.150/- p.m. to six students.		5,400
Unassigned grant for the year 1973-74.	2nd	6,745
-do-	1st	15,000
IV Plan Development Schemes - Appointment of additional staff in Humanities and Social Science Departments - sanction of grant for.		47,000
Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	375

Affiliated Colleges

Raja Doraisingam Memorial College, Sivaganga.	Construction of Non-Resident Student Centre.	2nd	20,000
St. Justin's Teachers' College for Women, Madurai.	Development of teachers training programmes in teachers training colleges.	2nd & final	2,000

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Total: 96,520

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44. Magadh University

Grant-in-aid towards the construction of students' Home.	1st	60,000
Purchase of library books and journals during 4th Plan - Grant-in-aid for.	3rd	43,333
Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences.	2nd & final	375

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Total: 1,03,708

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P.T.O.

45. Mahatma Phule Kashi Vidyapith

Affiliated College

College of Agriculture, Students' Aid Fund in the Poona-5.	Colleges - Grant for 1973-74.		2,250
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Total: 2,250

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46. Marathwada University

Affiliated Colleges

Mahatma Gandhi Mahavidyalaya, Ahmedour, Distt. Osmanabad. (MS.)	Grant to College Libraries for Loan of Books to Students (Book Bank).	2nd & final	3,250
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Nutan Mahavidyalaya, Sailu, Distt. Parbhani.	Construction of Laboratory for Physics, Chemistry, Botany and Zoology - Sanction of grant for and extension of time limit.	4th	50,000
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W.E.S. People's College, Nanded.	Grant to College Libraries for loan of books to students (Book Bank)	2nd & final	3,000
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Shri Shivaji College of Arts, Commerce and Science, Kandhar, Distt. Nanded.	Grant to College Libraries for loan of books to students (Book Bank)	2nd & final	3,250
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Total: 59,500

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47. Meerut University

Affiliated Colleges

Vidyawati Mukandlal Postgraduate College for Women, Ghaziabad.	Construction of Psychology Laboratory	3rd	11,000
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Meerut College, Meerut.	Construction of Women's Hostel.	1st	1,13,000
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P.T.O.

\* Meerut University (Contd.)

Affiliated Colleges

Lajpat Rai College, Sahibabad.	Financial Assistance to Teachers for research/ learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	250
Ch. Chhotu Ram Degree College, Muzaffarnagar.	Construction of Lecture Theatre.	5th & final	1,600
Krishak Degree College, Mawana. Meerut.	Purchase of furniture for Library Building - regarding.	1st & final	8,278
Raghunath Girls College, Meerut.	Award of Scholarships for honours/postgraduate studies in Arabic/Persian/ Sanskrit/Pali/Prakrit to the students belonging to the Hill Areas of North Eastern region of India during 1973-74.		1,800
A.K.P. Degree College, Hapur.	Construction of Library Building.	final	11,238
Total:			<hr/> 1,47,166 <hr/>

48. M.S. University of Baroda

Basic grant for the purchase of scientific equipment during the 5th Five Year Plan period.		80,000
Financial Assistance to Teachers for research/ learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	250

P.T.O.

M.S. University of Baroda (Contd.)

Financial assistance to Universities for the employment of coaches.	1st & final	211
Award of Junior Fellowship to Postgraduate studies in Textile Engineering in the year 1973-74.		12,050

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Total: 92,511

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49. Mysore University

Utilization of Services of Retired Teachers - Payment of honorarium.		3,000
Purchase of furniture to the Home-Science Department.	2nd & final	5,046.61
Revision of salary scales of University teachers under III Five Year Plan scheme - Postgraduate Departments.		35,177.53
Utilization of Services of Retired Teachers - Payment of honorarium.		2,758.08
Development Schemes under IV Plan period - Purchase of scientific Equipment.		66,727

Affiliated Colleges

Shri D.M. College, Post Ujies (S.K.)	Construction of Classrooms	2nd	1,50,000
St. Agnes College, Mangalore.	Construction of Teaching Accommodation.	2nd	50,000
Sahyadri College, Shimoga.	Construction of Science Block.	4th	50,000
College of Fine Arts, Mysore.	Book grant for colleges.	final	750

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Total: 3,63,459.22

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F.T.O.



50. Nagpur University

Grant-in-aid for the Establishment of a Study Centre.	13,000
U.G.C. Assistance for the research project entitled "Studies in Coordination Chemistry of Some Rare Elements" of Dr. K.N. Munshi, Department of Chemistry, - Fifth Five Year Plan period - Release of grant.	2,000

Affiliated Colleges

G.S. College of Science and Arts, Khangaon.	Grants to College Libraries for loan of books to students (Book Bank).	2nd & final	1,982
Shri Shivaji College, Amravati.	Purchase of Water Cooler	2nd & final	500
Smt. Radhabai Sarda College of Arts and Commerce, Anjangaon - Surji, Distt. Amravati.	Construction of Library Building and purchase of Furniture.	5th	29,200
Dote Bandhu Science College, Gondia, Distt. Bhandara.	Extension of Library, Laboratory and Construction of additional, Class rooms.	4th	15,000
Swavalambha College of Education, Wardha.	Grants to teachers training college special grants for equipment and audio-visual aids.	2nd & final	5,000
Shri Shivaji College of Education, Amravati.	Development of teachers training programmes in teachers training colleges.	2nd & final	2,000

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Total: 68,682

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1. North Bengal University

Affiliated Colleges

Kurseong College, Kurseong, Distt. Darjeeling.	Financial assistance for purchase of library books and journals.	1st	1,000
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P.T.O.

North-Bengal University(Contd.)

Affiliated Colleges

A.C. Training College, Jalpaiguri.	Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant - code no.3674.	2nd & final	250
Government Engineering College, Jalpaiguri.	-do-	2nd & final	500
Maharaja Bir Bikram College, Agartala.	-do-	2nd & final	600
Total:			2,350

52. North Eastern Hill University

Payment of grants to the University.	2nd	1,00,000
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Affiliated Colleges

Shankardev College, Shillong.	Construction of Non-Resident Students' Centre.	3rd & final	10,000
Total:			1,10,000

53. Osmania University

Basic grant for the purchase 1st of scientific equipment during the 5th Five Year Plan period.	2,85,000
Utilisation of Services of Retired Teachers - Payment of honorarium.	3,000

P.T.O.

Osmania University (Contd.)

Centre of Advanced Study in Astronomy - release of Non- recurring grants.	1,25,000
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Affiliated Colleges

Arts & Science College, Mahbubnagar.	Grants to colleges for Laboratory Equipment.	2nd & final	5,000
R.B.V.R.R. Women's College, Hyderabad.	Purchase of Laboratory Equipment and Library Books		20,000
Sri Anantha Padmanabha Arts & Science College, Vikarabad - Hyderabad.	Grants to College Libraries for Loan of Books to Students - Book Bank.	2nd & final	2,980.62
Arts & Science College, Mahbubnagar.	Grants to college libraries for loan of books to students - Book Bank.	2nd & final	2,250

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Total:	4,44,230.62
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54. Punjab University

Award of Junior Research Fellowships in Educational research on inter-depart- mental basis Shri Sham Lal Kansra (Economics Department) - Release of contingency grant.	291.60
Centre of Advanced Study in Mathematics - Teacher training programme.	59,000
Installation of Cyclotron Machine - Chilling Plant and Power Sub-station.	7,797
College Science Improvement Programme - University Leadership Project in Chemistry - Grant-in-aid.	8th 1,00,000

Affiliated Colleges

S.D.P. College for Women, Ludhiana.	Construction of Library Building.	4th & final	3,555
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P.T.O.

Punjab University (Contd.)

Affiliated Colleges

B.N. Chakravarti Govt. College, Bhiwani.	Financial Assistance to Teachers for research/ learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	250
Govt. College of Home Science, Chandigarh.	Construction of Women's Hostel.	3rd	65,000

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Total: 2,35,893.60

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55. Punjab University

Financial Assistance to Teachers for research/ learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	250
Construction of Teachers' Hostel (24 Flats - 2 Blocks)	final	2,853

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Total: 3,103

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56. Patna University

Senior/Junior Research Fellowships in Sciences/ Humanities including Social Sciences/Research Fellowships in Engineering & Technology/ Utilisation of services of retired teachers - payment of contingency grant.		1,000
Grant-in-aid towards the construction of 24 Nos. Bachelors (Teachers) Hostel at Saidpur.	8th	40,000

P.T.O.

Patna University (Contd.)

Grant-in-aid towards purchase of Living Room furniture for six boys Hostels - 98 seated.	3rd	5,000
Grant-in-aid for the purchase of equipment for the establishment of Student Health Centre.	final	3,346
Senior Research Fellowships in Sciences - payment of fellowship/honorarium and contingency grant.		6,900
Grant-in-aid towards purchase of Living Room furniture for six boys Hostels - 98 seated.	3rd	5,000
Utilization of Services of Retired Teachers - Payment of honorarium.		4,000
Total:		65,246

57. Poona University

Reimbursement of salaries to Russian Language Teachers - Regarding.		3,546.88
Award of National Scholarships for Postgraduate studies in Humanities and Social Sciences - Centre of Advanced Study in Sanskrit.		7,000
Sanction of grants towards the staff appointed in Humanities and Social Sciences under the 4th Plan Development Schemes.		2,14,000
Writing of University level books/monographs.		4,500
-do-		145.16

P.T.O.

Poona University (Contd.)

Appointment of Prof. B.V. Thosar of Tata Institute of Fundamental Research as a "Visiting Professor". 306.33

Affiliated Colleges

M.E.S. Abasaheb Garware College, Karve Road, Poona.	Development of Postgraduate Studies in Science subjects - Department of Chemistry - Sanction of grant for.	1st	20,000
Arts, Science and Commerce College, Satna.	Purchase of Library Books and Journals - sanction of grant for.	1st	3,000
S.N. Arts, Commerce and B.N. Sarda Science College, Sangamner (Distt Ahmednagar)	Development of Postgraduate studies in Humanities and Social Sciences during the IV Plan - Sanction of grant for.	2nd & final	2,000
Sangamner Nagarpalika Arts, Commerce and B.N. Sarda Science College, Sangamner, Distt. Ahmednagar.	Construction of Residential flats for teachers - sanction of final grant.	4th & final	5,960
M.J. College of Arts and Science, Jalgaon.	-do-	2nd	25,000
M.E.S. Abasaheb Garware College, Karve Road, Poona.	-do-	4th	20,000
S.S.V.P. Sanstha's Science College, Dhulia.	Construction of Men's Hostel - Sanction of grant for.	2nd	30,000
M.S.G. Arts, Science and Commerce College, Malegaon, Distt. Nasik.	Development of Postgraduate Studies in Science subjects during the IV Plan - Department of Chemistry - sanction of grant for.	3rd & final	2,000
-do-	Development of Postgraduate Studies in Humanities and Social Sciences subjects during the IV Plan - Appointment of additional staff - sanction of grant for.	3rd & final	816.94

Poona University (Contd.)

Affiliated Colleges

S.S.G.M. College, Kopergaon, Distt. Ahmednagar.	Purchase of laboratory equipments - sanction of grant for.	2nd & final	1,250
Arts, Science and Commerce College, Chaliagaon, Distt. Jalgaon.	Construction of Library Building - sanction of grant for.	3rd	20,000
S.P.D.M. Arts, S.B.B. & S.H.D. Commerce and S.M.A. Science College, Shirpur, Distt. Dhulia.	Construction of Men's Hostel - sanction of grant for.	4th	30,000
Ahmednagar College, Ahmednagar.	Development of Postgraduate Studies in Science subjects during the IV Plan period - Appointment of additional staff in the Department of Physics - grant for.	5th & final	500
M.G.V. College of Education, Malegaon Camp, Nasik Distt.	Development of teachers training colleges programmes in teachers training colleges.	1st	60,000
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Total:			4,50,024.31
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58. Rajasthan University

Utilization of services of the retired teachers.	588
Writing of university level books/monographs.	2,000
U.G.C. Assistance for the Research Project entitled "Some Aspects of the Chemistry of Organo-Fluorine Compound" of Dr. K.C. Joshi, Department of Chemistry, Fifth Five Year Plan period - 1st instalment of grant.	10,000

P.T.O.

Rajasthan University (Contd.)

Writing of university level books/monographs.	5,500
Rajasthan Political Science Conference to be held at Government College, Ajmer.	2,000

Affiliated Colleges

M.L.V. Govt. College, Bhilwara.	Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	1,250
Banasthali Vidyapith Gyan Vigyan Mahavidyalaya, P.O. Banasthali Vidyapith (Raj)	-do-	2nd & final	250
S.S.Jain Subhodh College, Jaipur.	-do-	2nd & final	300
S.M.G. Medical College, Jaipur.	Grant to colleges under student welfare programme	final	4,000
Govt. College, Pratapgarh.	Students' Aid Fund in the colleges - grant for 1973-74.		1,000
Govt. College, Kotah.	Utilisation of services of Retired Teachers - Payment of honorarium.		3,000

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Total: 29,898

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59. Ranchi University

Affiliated Colleges

St. Columba's College, Hazaribagh.	College Science Improvement Programme - Selected Colleges Project Grant-in-aid.	2nd	60,000
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P.T.O.



Ranchi University (Contd.)

Affiliated Colleges

St. Columbia's College, Hazaribagh.	Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	250
Birsa College, Khunti, Bihar.	Construction of Additional Teaching Accommodation.	2nd	30,000
Rangarh College, Rangarh Cantt. (Hazaribagh)	Construction of lecture-halls.	3rd	20,000

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Total: 1, 10, 250

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60. Ravi Shankar University

Affiliated Colleges

Govt. College of Science, Raipur.	Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	250
Govt. Girls Postgraduate College, Raipur.	Grant to colleges under Student Welfare Programme	2nd & final	3,745.48

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Total: 3,995.48

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P.T.O.

61. Roorkee University

Payment of Recurring grant for final the <del>U.G.C.</del> Resources Development Training Centre for the year 1973-74.		2,943
U.G.C. Assistance for the research project entitled "Geoelectric Modelling of Aquifers" of Dr. B.B.S. Singhal, Department of Geology and Geophysics - Fifth Five Year Plan period 1st instalment of grant.		5,000
Financial Assistance to Teachers for research/ learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant - code No.3804.	2nd & final	250
Award of Junior Fellowship of the value of Rs.250/- p.m. for approved P.G. Courses in Civil Mechanical Electrical Electronics & Communication Engineering in respect of 108 students admitted in August, 1971.	final	2,41,480
Unassigned Grant for 1974-75		12,500
Postgraduate course in Engineering & Technology (Library books and journals)	final	1,10,000
Introduction of Postgraduate (Diploma) Course in Hydrology - Payment of Equipment grant for.	5th	25,000
Recurring grant for Post- graduate course in Hydrology Payment of.	2nd	1,60,000
Development of Postgraduate Course in Engineering and Technology - Payment of equipment grant for.	2nd	15,000
Recurring grant for Water Resources Development Training Centre during 1974-75.		2,50,000

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Total: 8,22,173

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62. Sambalpur University

U.G.C. Assistance for the research project entitled "Reaction of Transition Metal Complexes of Hydroxy Polybasic Acids with Uni and Polydentate Ligands" of Professor S. Pani, Department of Chemistry, Fifth Five Year Plan period - 1st instalment of grant. 5,000

Affiliated Colleges

Jawaharlal College, Patnagarh.	Construction of Non-Resident Student Centre.	final	5,000
Banaigarh College, Bonaigarh, Distt. Sundergarh.	Students' Aid Fund in the Colleges - Grant for 1973-74.		750
Gongadhar Mehar College, Sambalpur.	Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	375
Jawaharlal College, Patnagarh.	Grant-in-aid for the construction of Library Building.	2nd	20,000
Larambha College, P.O. Larambha, Distt. Sambalpur.	Grant-in-aid for the construction of Non-Resident Students Centre.	1st	20,000
Sundargarh College, Sundargarh.	Grant-in-aid for the construction of Non-Resident Student Centre at the Sundargarh College.	3rd	5,000
-do-	Grant-in-aid for the construction of 100 seated Men's Hostel at the Sundargarh College.	1st	2,00,000
Gangadhar College, Sambalpur.	Development of Postgraduate studies in Science subjects in affiliated colleges - Fourth Plan period.		5,000
-do-	Construction of Teachers' Hostel.	3rd	1,00,000

Total: 3,61,125

63. Sardar Patel University

Basic grant for the purchase of Library books & journals during the 5th Five Year Plan period. (Sciences Department).	50,000
-do-	50,000
Salary of staff for the Department of Education - IV Plan continuing scheme.	10,000

Affiliated Colleges

Anand Arts College, Anand (Distt. Kaira)	Construction of Teachers' Hostel.	final	17,250
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Total:			1,27,250
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64. University of Saugar

Programme of special assistance to selected departments - Department of Anthropology & Sociology.	17,000
IV Plan Schemes - Purchase of furniture & equipment for Library - sanction of grant for.	24,993
Award of Junior fellowship @ Rs.250/- p.m. to 10 students admitted to the postgraduate course in Ma.Pharm. during 1973-74.	25,297
-do-	9,000

Affiliated Colleges

Government College, Mandasaur.	Financial Assistance to Teachers for research/learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant - code No.3901.	250
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Saugar University (Contd.)

Affiliated Colleges

Salfee Golden Jubilee Grant to colleges under Quaderia Women's College, Dsturpur.	Student Welfare Programme.	final	2,500
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Total: 79,040

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65. Saurashtra University

Affiliated Colleges

Shree M.P. Shah Municipal College of Commerce and Law, Jamnagar.	Construction of Cycle- shed.	1st & final	10,689
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Total: 10,689

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66. Shivaji University

Establishment of Study Centre at Kolhapur & Sholapur.			24,405
Payment of recurring grant towards the Salaries of the additional staff appointed for Science Departments during the Fourth Five Year Plan.			4,132

Affiliated Colleges

Barsi College, Barsi (Distt. Sholapur).	Construction of Women's Hostel.	1st	65,000
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P.T.O.

Shivaji University (Contd.)

Affiliated Colleges

Rajaram College, Kolhapur.	Financial Assistance to Teachers for research/ learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant - code No.3931.	2nd & final	250
Walchand College of Engineering, Sangli. Arts and Commerce College, Wai (Distt. Satara)	-do- Construction of Additional Teaching Accommodation.	2nd & final 3rd	750 22,638
Total:			1,17,125

67. S.N.D.T. Women's University

Golden Jubilee grant. Construction of an auditorium at Juru - regarding. Grants to teachers training colleges.		1,00,000 2,500
Total:		1,02,500

68. South Gujarat University

Construction of Vice- Chancellors' Bungalow.		10,000
Allocation of unassigned grant during the V Plan - Release of grant for.	1st	15,000
Construction of a Building for Part-time P.G. Diploma course in Management Studies - Release of grant for.	3rd	15,000

P.T.O.

South Gujarat University (Contd.)

Department of Business and Industrial Management - Release of Recurring grant 1973-74.	5,348
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Affiliated Colleges

S.V.Regional College of Engineering and Technology, Surat.	Financial Assistance to Teachers for research/learned work in Science and Humanities including Social Sciences - Payment of Second instalment of grant - code No.3839.	2nd & final	250
Sir K.P. College of Commerce, Athvalines, Surat.	Construction of Additional Teaching Accommodation.	final	14,847
J.M. Shah Arts and Commerce College, Jambusar (Broach) Gujarat.	Grants to colleges for Laboratory Equipment.	final	1,321.90

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Total:	56,766.90
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69. Sri Venkateswara University

Writing of University level books/monographs.	3,198.25
Development of Health Centre - Regarding.	25,000
Salary of Staff appointed in S.V. University.	8,600
U.G.C. Assistance for the research project entitled "Semiconducting films: Transport and Optical Studies" of Dr. P. Jayarama Reddy, Department of Physics - Fifth Five Year Plan period - 1st instalment of grant.	15,000
Construction of Natural & Physical Science Blocks.	49,000

P.T.O.

Sri Venkateswara University (Contd.)

Affiliated Colleges

Govt. College, Anantapur.	Financial Assistance to Teachers for research/ learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant.	2nd & final	500
S.V. Arts College, Tirupati.	Purchase of Equipment for Chemistry.	final	902.50

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Total: 1,02,200.75

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70. Udaipur University

U.G.C. Assistance for the Research Project entitled "Mössbauer Effect Measure- ment of Crystalline Fields" of Professor J. Verma, Department of Physics - Fifth Five Year Plan period - 1st instalment of grant.	10,000
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Total: 10,000

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71. Utkal University

Workshop on (1) Autonomous Colleges (2) Examinations reforms and (3) Development of Postgraduate Education - Sanction of grant for Organising.	10,000
Construction of Chemistry Block - 4th Plan Scheme.	final 6,100

P.T.O.



Utkal University (Contd.)

All India Conference of Applied Psychology. 3,000

Affiliated Colleges

Fakir Mohan College, Balasore.	Grants to colleges for Laboratory Equipment.	final	5,000
-do-	Purchase of Library books, laboratory equipment and furniture.	final	6,334
N.S. College, Baramba, Cuttack.	Basic Grant for purchase of Library books.	2nd & final	750
Radhanath Training College, Cuttack.	Development of teachers training programmes in teachers training colleges.		5,000
Women's College, Balasore.	Grant-in-aid for the purchase of Chalk Boards.	1st & final	1,000
Mahila College, Puri.	Grants to affiliated colleges for purchase of chalk boards.	2nd & final	3,700
B.J.B. College, Bhubaneswar.	Establishment of Non-resident students' centre	final	5,000
Govt. Evening College, Cuttack.	Grant-in-aid for the construction of a teachers' hostel.	1st	1,00,000
Sri R.C. Bhanja Medical College, Cuttack.	Utilisation of Services of Retired Teachers - Payment of honorarium.		3,000
M.S. College, Baramba.	Grant for purchase of Library books.	final	500

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Total: 1,49,384

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72. Varanaseya Sanskrit Vishwavidyalaya

Unassigned grant for the 1971-72, 1972-73 and 1973-74 -		27.76
Unassigned Grants 1974-75 - Sanction of grant for.	1st	10,000

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Total:

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P.T.O.

73. Vikram University

Affiliated Colleges

L.I. Science College, Ujjain.	Financial Assistance to Teachers for research/ learned work in Sciences and Humanities including Social Sciences - Payment of Second instalment of grant - code No.3891.	2nd & final	250
Government College, Mandsaur.	-do-	2nd & final	750

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Total: 1,000

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74. Visva Bharati

Grant-in-aid towards the construction of Teachers Hostel.	7th	2,000
Grant-in-aid towards the renovation of International Guest House.	1st	35,000
Grant-in-aid towards the construction of Library Building for Palli Samgathan Vibhaga.	3rd	5,000
Grant-in-aid for the Improvement of Kitchen & Dining arrangements of Hostel.	6th	17,500
Grant-in-aid towards the construction of Vidya- Bhavan Hostel No.2 for 92 students.	9th	22,000
Grant-in-aid towards the construction of 64 staff quarters for non-teaching staff.	6th	15,000
Grant-in-aid towards the construction of 2 additional rooms for C.I.T. Girls Hostel.	4th	1,000

P.T.O.

Visva-Bharati (Contd.)

U.G.C. Assistance for the research project entitled "Application of Statistical Mechanics to Non-linear Ecological Models of Interacting Species" of Professor S.N. Biswas, Department of Physics - Fifth Five Year Plan period - 1st instalment of grant.		10,000
Grant-in-aid towards the construction of Library Building at Patha Bhavan.	2nd	2,000
Grant-in-aid for the preparation of Master Plan of the Visva-Bharati.	1st	1,500
Grant-in-aid for the purchase for Sangeet Bhavan.	1st & final	2,959.16
Grant-in-aid for the purchase of Library Books & Journals Basic Grant for the Fifth Plan.	1st	75,000
Grant-in-aid for the purchase of equipment for Economic & Political Science Department.	2nd & final	144.14
Grant-in-aid for the Security Lectures at Santiniketan & Sriniketan.	3rd	13,000

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Total: 2,01,103.30

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INSTITUTIONS DEEMED TO BE UNIVERSITIES

75. Birla Institute of Technology & Science

Writing of University level books/monographs.	1,085.88
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Total: 1,085.88

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P.T.O.

76. Gurukul Kangri Vishwavidyalaya

Basic grant for for the purchase of library books and journals during Vth plan.	24,750
Renewal of scholarships for postgraduate studies in Sanskrit/Pali/Bakrit to the students during 1974-75.	1,800

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Total: 26,550

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77. Indian Institute of Science

University Grants Commission Assistance for the research project entitled "Studies on the Regulation of the Biosynthesis of Methionine and of the Coenzyme Nucleotides in Plants" of Dr. N. Appaji Rao and Professor C.S. Vaidyanathan, Department of Biochemistry, Fifth Five Year Plan period - 1st instalment of grant.	21,200
Writing of university level books/monographs.	2,000
-do-	1,500
-do-	2,000

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Total: 26,700

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78. Jamia Millia Islamia

Visit of Dr. Majid Hussain, Lecturer in Geography to U.K. under the programme of Exchange of Visits by Younger Scientist between India and U.K. during 1974-75	9,594
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Total: 9,594

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79. Tata Institute of Social Sciences

Unassigned grant for 1974-75. 10,000

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Total: 10,000

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Total Plan

- 1,44,66,807.58

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NON-PLAN

1. Aligarh Muslim University

Central Universities - 2nd 41,23,000  
Revision of Scales of  
Pay of Non-Academic  
Staff, Rates of Dearness  
Allowance, Compensatory  
(City) Allowance and  
House Rent Allowance,  
consequent upon the  
decisions of the Govt.  
of India on the reco-  
mmendations of the  
Third Pay Commission -  
Payment of grant for  
meeting the expenditure  
on the -

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Total: 41,23,000

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2. University of Delhi.

Central Universities - 6th 20,00,000  
Maintenance grant for  
1974-75 - Payment of.

University of Delhi (Contd.)

Central Universities - Revision of Scales of Pay of Non-Academic Staff, Rates of Dearness Allowance, Compensatory (City) Allowance and House Rent Allowance, consequent upon the decisions of the Government of India on the recommendations of the third pay commission - Payment of grant for meeting the expenditure on the - 2nd 25,03,000

Affiliated Colleges

Shyam Lal College, Shahdara, Delhi.	Delhi University Constituent Colleges - Maintenance grant for 1974-75 - Payment of.	3rd	1,78,000
Shayam Lal College (Evening Classes) Shahdara, Delhi-32.	-do-	3rd	50,000
Indraprastha College for Women, Alipur Road, Delhi.	-do-	3rd	3,12,000
Dyal Singh College (Day) Lodi Road, New Delhi.	-do-	3rd	50,000
Kamla Nehru College, Defence Colony, New Delhi.	-do-	3rd	1,00,000
Ramjas College, Delhi-7.	-do-	7th	1,00,000
P.G.D.A.V. College (Day Classes) Nehru Nagar, Ring Road, New Delhi-24.	-do-	3rd	1,46,000

University of Delhi (Contd.)

Affiliated Colleges

Dashbandhu College (Evening), Kalkaji, New Delhi.	Delhi University Constituent Colleges - Maintenance grant for 1974-75 - Payment of	3rd	1,32,000
Kalindi College, West Patel Nagar, New Delhi.	-do-	3rd	1,93,000
Swami Shardhanand College, Alipur, Delhi-36.	-do-	3rd	44,000
Miranda House, Patel Chest Marg, Delhi.	-do-	3rd	68,000
Shri Ram College of Commerce, Patel Marg, Delhi-7.	-do-	3rd	2,23,000
Gargi College, Lajpat Nagar, New Delhi.	-do-	3rd	1,07,000
St. Stephen's College, Delhi.	-do-	3rd	2,30,000
S.G.T.B. Khalsa College (Day Classes) Delhi-7.	-do-	3rd	3,73,000
Vastinapur College, (Day Classes), Moti Bagh, New Delhi.	-do-	3rd	2,67,000
Wans Raj College, Delhi-7.	-do-	3rd	3,80,000
Atma Ram Sanatan Dharma College, Dhaura Kaun, New Delhi.	-do-	3rd	2,55,000
Lakshmi Bai College, Ashok Vihar-III, Wazirpur, Delhi.	-do-	3rd	2,34,000
F.G.D.A.V. College (Evening Classes), Mandir Marg, New Delhi.	-do-	3rd	1,08,000

P.T.O.

University of Delhi (Contd.)

Affiliated Colleges

Daulat Ram College, Patel Marg, Delhi-7.	Delhi University Constituent Colleges - Maintenance grant for 1974-75 - Payment of.	3rd	3,81,000
Ram Lal Anand College (Day), Anand Niketan Marg, New Delhi.	-do-	3rd	83,000
Gyan Devi Salwan College, Salwan School Marg, Rajinder Nagar, New Delhi-60.	-do-	3rd	92,000
Rao Tula Ram College, Rao Tula Ram Marg, New Delhi.	-do-	3rd	40,000
Jeans and Mary College, Chanakyapuri, New Delhi.	-do-	3rd	60,000
Institute of Home Sciences, South Extensions, Part-I, Ring Road, New Delhi.	-do-	3rd	67,000
Bharati Mahila College, Jhandewalan, Link Road, New Delhi.	-do-	3rd	64,000
Dashbandhu College (Day Classes), Kalkaji, New Delhi.	-do-	4th	1,29,000
Hindu College, Delhi-7.	-do-	3rd	2,74,000
Shri Arbindo Maha- vidyalaya, Malviya Nagar, New Delhi.	-do-	3rd	23,000
Janki Devi Mahavidya- laya, Poorvi Marg, New Delhi.	-do-	3rd	2,36,000
Dyal Singh College (Day), Lodi Road, New Delhi.	-do-	3rd	1,15,000



University of Delhi (Contd.)

Affiliated Colleges

Delhi College (Evening Classes), Ajmeri Gate, Delhi.	Delhi Development Constituent Colleges - Maintenance grant for 1974-75 - Payment of.	3rd	1,48,000
Delhi School of Social Work, 3, University Road, Delhi.	-do-	3rd	80,000
Pastinapur College (Evening Classes), Moti Bagh, New Delhi.	-do-	3rd	1,04,000
Ramjas College, Delhi.	-do-	3rd	1,00,000
Kamala Nehru College, Defence Colony, New Delhi.	-do-	3rd	79,000
Delhi College (Day Classes), Ajmeri Gate, Delhi.	-do-	3rd	3,25,000
Kirorimal College, Delhi-7	-do-	4th	1,74,000
Sri Venkateswara College, Bhaula Kaun, New Delhi.	-do-	3rd	93,000
Shyama Prasad Mukherji College, Tagore Garden, New Delhi.	-do-	3rd	24,000
Vivekananda Mahila College, Gandhi Nagar, Delhi-31.	-do-	3rd	33,000
Lady Shri Ram College of Women, Lajpat Nagar, New Delhi.	-do-	3rd	1,09,000
Delhi School of Social Work, Delhi-7.	-do-	3rd	2,000

University of Delhi (Contd.)

Affiliated Colleges

Kamala Nehru College, Maintenance Grant for Defence Colony, 1972-73 - Payment of. New Delhi.	full & final	1,22,852
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Total:	1,10,11,852
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3. Jawaharlal Nehru University

Central Universities - Revision of Scales of Pay of Non-Academic Staff, Rates of Dearness Allowance, Compensatory (city) Allowance and House Rent Allowance, consequent upon the decisions of the Govt. of India, on the recommendations of the Third Pay Commission - Payment of grant for meeting the expenditure on the -	2nd	4,44,000
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Total:	4,44,000
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4. Visva-Bharati

-do-	2nd	11,75,000
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Total:	11,75,000
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Total Non-Plan	<u>1,67,53,852</u>
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Grand Total (Plan + Non-Plan)	<u>3,12,20,659.58</u>
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CONFIDENTIAL

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UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 9th & 10th December, 1974

Item No. 6: To receive a statement indicating the progress of issue of Utilisation Certificates during the period ending 15th November, 1974.

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The Commission had desired (Resolution No.5) dated the 8th October, 1973 that it is kept informed of the progress of clearance of Utilisation Certificates every month. The statement showing clearance for the period ending 15th November, 1974 is given in Annexure.

Accounts Officer/Finance Officer

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ANNEXURE TO ITEM NO. 4

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OUTSTANDING UTILISATION CERTIFICATES

Year	Position as on 30.6.71		Position as on 1.11.74		Position as on 16.11.74	
	No. of items	Amount in lakhs of Rs.	No. of items	Amount in lakhs of Rs.	No. of items	Amount in lakhs of Rs.
1953-54	3	2.59	-	-	-	-
1954-55 ) 1957-58 )	216	80.20	4	0.63	3	.61
1958-59	344	138.25	165	23.64	165	23.64
1959-60	680	199.76	353	58.05	353	57.09
1960-61	967	258.99	590	124.17	583	111.96
1961-62	1291	353.20	772	183.52	767	181.04
1962-63	1793	301.21	1136	68.98	1134	67.83
1963-64	2343	404.45	1411	189.16	1404	187.62
1964-65	3783	605.40	2623	376.26	2617	373.64
1965-66	4752	660.32	2834	224.98	2818	219.97
1966-67	4426	703.61	2574	207.22	2539	203.04
1967-68	5764	1107.57	2924	198.56	2906	195.12
1968-69	8509	1645.98	4665	478.34	4610	477.10
<b>Total:-</b>	<b>34876</b>	<b>6361.63</b>	<b>20061</b>	<b>2133.51</b>	<b>19929</b>	<b>2098.71</b>

Items Cleared (1.11.74 to 15.11.74) = 132

Amount Cleared = Rs.34.80 lakhs.

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

(3)

Meeting: 9th-10th December

Dated: 10th December, 1974

- Item No. 5 To further consider the demands made in the first All-India Convention of National Students Union held in Bombay and those made by the All-India Students Federation at its Conference held in Cochin.

The first All-India Convention of the National Students Union was held in Bombay in July 1973. It was followed by the All-India Students Federation Conference held in Cochin in January 1974. In both the Conferences demands were made for the overhauling of the educational system with a view to making it more purposeful and relevant to the society. The Convention held in Bombay in July 1973 passed resolutions on Education, Affairs in Aligarh Muslim University, Economic and Political Situation in the country, problems of minorities and also issued an Education Manifesto. A copy each of these is attached as Appendices V. The demands made at the All-India Students Federation Conference held at Cochin in January 1974 are indicated in Appendix -VI. The main demands made at the two Conferences, so far as higher education is concerned, are listed below:

1. The existing system of education does not fulfil the aspirations of a free people striving to establish a secular, democratic and socialist society. It needs a large scale transformation to relate it to the life and needs of our people.
2. There should be a broad uniformity in the new pattern of education throughout the country. But at the same time flexibility and dynamism in the new system should also be ensured so that it has enough scope for experimentation and innovation and there should be proper links between manpower, planning and education.

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3. Emphasis should be laid on achieving a genuine equality of educational opportunity so that backward areas and the socially deprived classes are provided with proper education facilities. (The Commission has decided that 1070 of the fellowships may be reserved for Scheduled Castes and Scheduled Tribes).
4. Higher education should be made available to all those students who wish to acquire it but full time institutional higher education may be limited to those genuinely interested in academic pursuits. Great emphasis should be laid on programmes of informal education.
5. Higher education is largely confined to the upper strata of the society. This situation should not be allowed to continue. Remedial measures should be taken so that educational opportunities are available to the under-privileged classes. (The scholarships available to the scheduled castes and tribes from the Central and State Governments should go a long way in mitigating in desperities).
6. There should be continuous inter-action between various disciplines in order to develop new ideas and structures. The present examination system is irrelevant to the new society and should be reformed.
7. The medium of instruction at all levels should be the regional language. Teachers and students should jointly participate in the process of learning. Therefore there should be effective teacher and student participation in academic and administrative decision making.
8. The working conditions and pay scales of teachers should be improved. (It has already been suggested to revise the scales of pay of the teachers in the universities and colleges).
9. One year's service in a village should be made compulsory for every graduate as a pre-condition to the conferment of a degree. (The M.S.S. scheme of the Government of India

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as accepted by the Commission, is under the consideration of Panels of the UGC - ~~.....~~  
A definite picture is expected to emerge after all the panel reports are finalised).

10. More facilities for sports, games, recreation, accommodation, library and laboratory should be provided.
11. The outlay on education in the fifth plan should be commensurate with the requirements.

The points made above in the two Conferences had been dealt with in a very comprehensive manner by the Education Commission set up by the Government of India. The Government of India subsequently laid down the National Policy on Education which provides guidelines for the development of higher education. Education including higher education is a State Subject and the Centre's responsibility for higher education is only with regard to the maintenance and coordination of standards. In the light of the National Policy on Education, the policies and programmes pursued by the University Grants Commission are directed towards making higher education purposeful and an instrument of social change.

The question of structural changes in the educational system is under the consideration of the Government of India. The Central Advisory Board of Education has recommended that it is desirable to adopt a uniform pattern of education viz. 10+2+3, in all parts of the country. The University Grants Commission has endorsed the recommendation of the C.A.B.E. The Commission was also however of the view that where students were not desirous of pursuing the postgraduate courses, the pattern of education may vary as considered necessary. Further the course of two years for the pre-university or intermediate should be administratively separate for the College/University. The matter is being pursued by the Central Government with the State Governments.

The question of medium of instruction in universities had been discussed by the Conference of Vice-Chancellors in 1967 and the statement adopted at the Conference which has been endorsed

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by the University Grants Commission is given in Appendix VII. This is a matter to be decided primarily by the Universities and State Governments. It may, however, be stated that most of the universities have either partially or wholly switched over to their regional languages in undergraduate courses in the humanities and social sciences.

Within the resources available, the University Grants Commission has taken various steps for the improvement of the present higher education system so that it is meaningful and helps in the economic and social development of the country.

1. In the matter of regulating and encouraging facilities for postgraduate studies the Commission has taken the view that postgraduate teaching should be consolidated as far as possible in university departments or at postgraduate centres set up by the university or through a coordinated programme by groups of colleges or in well-established postgraduate departments in colleges rather than allowing individual colleges to start subviable postgraduate departments. The Commission is initiating coordinated programmes in this behalf.
2. One of the most important and perhaps crucial sectors in the university system is that related to the undergraduate education leading to the Bachelor's degree. A major part of this responsibility, say about 85%, is discharged by affiliated colleges. The Commission has therefore devised programmes for improvement of college education through College Science Improvement Programme. This Programme is based upon the strength of the colleges and the motivation of the faculty as well as students to experiment with new educational ideas, teaching methods, evaluation techniques and thus make the undergraduate instruction meaningful and worthwhile. It has been decided to initiate a similar programme for improvement of instruction in humanities and social sciences subjects. The COSIP has made substantial impact in improvement of science education



in undergraduate colleges selected to participate in this programme. It has also produced new text materials, new demonstration equipment and other teaching aids for class room as well as laboratory work. During the V Plan, these programmes will be implemented on a bigger scale so that they have a tangible impact on the existing situation.

3. The Commission has appointed from time to time review committees in different subjects to assess the stage of development of each of the subjects in the Indian universities and to assess the facilities available for proper instruction and research and also to suggest the directions for future growth of each of the subjects. The work of the review committees is followed up with the help of panels in the subject groups. These panels bring to the notice of the Commission areas which need to be developed in different regions and also the programmes that may be initiated for the purpose. Following this, efforts are being made to develop collaborative and inter-disciplinary programmes of courses and research involving several departments e.g. programmes in area studies, biological sciences, earth sciences, law & social change, development studies in relation to science and technology, and social sciences, environment and ecology.
4. The Commission has recently initiated a substantial programme for Examination Reforms and a plan of action has been drawn up and 12 universities have been invited to set up special cells for the purpose. The main emphasis would be to make evaluation of students learning, comprehension and performance an integral part of the total teaching process and thus eliminate the existing situation where teaching and examination are separately performed by different set of persons as well as institutions. New methods of testing and new examination questions will be developed on the basis of class-room experience and suited to levels of attainments of different groups of students.
5. The Commission has taken a positive step towards giving autonomy to carefully selected colleges, so that these institutions can experiment with new educational processes and bring about the necessary change in their teaching, courses or

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study and evaluation methods. The guidelines and criteria for this purpose have been circulated to the universities and the process of selection of such institutions is to be taken up soon.

6. Attempts are being made to re-structure courses of study so as to make them relevant to local and regional needs including those of rural areas and also introduce work experience as part of college education.
7. A beginning has been made during current plan period to provide direct support for research in the universities and also to build up the necessary infra-structure required for sustained research. Efforts are being made to involve university research in areas of R & D relevance so that they can make a direct contribution to economic development.
8. Programmes have also been initiated to check the growth in enrolment in formal education and to divert a considerable proportion of students to benefit from correspondence courses, evening classes and part-time courses during the next plan period. Great emphasis will be given for developing such courses and to make them equal to or even better than the courses available in formal institutions. The Commission has agreed in principle to the concept of Open University.

So far as the question of democratising the educational system is concerned the Committee appointed by the UGC under the Chairmanship of Dr. P.B. Gajendragadkar in its report on Governance of Universities has made comprehensive recommendations with regard to the structure of the university bodies and the participation of students and teachers in the affairs of the university. The Commission has expressed itself in general agreement with the recommendation of the Committee. The report has been sent to the universities and State Governments and it has been observed that the State Governments in modifying the Acts are drawing heavily on the report of the Gajendragadkar Committee.

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The University Grants Commission has recommended revised scales of pay and service conditions for teachers in universities and colleges which are receiving attention of the Government of India.

In the Fifth Plan, sufficient provision is proposed to be utilised for removal of regional imbalances, and provision of commensurate facilities for the underprivileged sections of the society.

The allocation for higher education in the various plans has not been commensurate with the requirements of this sector and the inadequacy of funds has adversely affected the programmes of the Commission.

The Commission at its meeting held on September 9, 1974 decided that the assistance to colleges for setting up "Book Banks" may be continued in V Plan.

The matter is placed before the Commission for consideration.

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NATIONAL STUDENTS UNION OF INDIA

RESOLUTION ON EDUCATION

10

1. The existing system of education in our country does not fulfil the aspirations of a free people striving to establish a secular, democratic and socialist society. It is obvious that our educational system needs a large scale transformation to relate it to the life and needs of our people.
2. In the new educational system there should be a broad uniformity in the pattern of education throughout the country. But at the same time we must ensure that there is enough flexibility and dynamism in the new system so as to keep it in consonance with the changing times and local environment. It must have enough scope for experiment and innovation.
3. Education has not been given as much importance in our planning process as it should have been given. Education should be planned broadly according to manpower needs and keeping in view the demands of the future.
4. Education should be brought to the masses and a massive effort should be made to eradicate illiteracy.
5. Special emphasis will have to be laid on achieving a genuine equality of educational opportunity. The backward areas of the country and the socially deprived classes should be provided with all facilities of education.
6. Primary education should be compulsory, free and universal. Secondary education should be made free where it is already not so. Vocationalisation programmes should be introduced at the secondary stage. The entire system should be transformed in order to make it socially oriented.
7. Higher education should be made available to all those students who wish to acquire it. But full-time institutional higher education will have to be limited to all those genuinely interested in academic suit. This means that great emphasis will have to be laid on programmes of informal education such as correspondence courses and the open university.
8. The class character of our educational system is such that higher education is largely confined to the upper strata of society. This situation must not be allowed to continue. Remedial measures must be taken immediately in the shape of scholarships, for the under-privileged classes.

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9. The content of education and the curriculum should be reoriented in view of the urges and aspirations of our people. The history of our freedom struggle against imperialism should be introduced in the curriculum.

The education system must inculcate in the students the values of the new society that we seek to build the values of secularism, democracy and socialism.

It should be related with the environment and should help in enhancing productivity.

It should be such as to provide for the all round development of the individuals personality to make him capable of facing the challenges of a modern scientific and industrial society.

It should stress the development of a scientific outlook, scientific attitudes and the scientific method and should be directed towards solving the problems of society.

10. The three language formula should be fully implemented and regional languages should, as far as possible, be the medium of instruction.

11. Co-curricular activities should be an integral part of the educational system and programmes of national service should be encouraged.

12. The rapidly advancing frontiers of knowledge and simultaneously the increasing tendency towards specialisation have today made inter-disciplinary studies extremely important. There should be a continuous interaction between various disciplines in order to develop new ideas and structures.

13. The present examination system is clearly irrelevant to the new society. Emphasis should be laid on internal evaluation and continuous assessment of the intellectual progress and capabilities of a student rather than his capacity of memorisation.

14. The standards and quality of education should keep space with the rapidly advancing forces of science and technology. In certain fields it should surpass the best in the world.

15. The student movement should fight the vested interests in the administration of educational institutions. Bureaucratic attitudes have no place in the academic community.

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16. The student Unions should ordinarily be the bodies to represent student participation. However, sufficient representation should be given to the academically brilliant students and those good in co-curricular activities.

Representation from such categories should be through an electoral college. Student representation should be such as to cover various disciplines and aspects of University life.

17. Detailed manpower planning and a break through in industry and agriculture are required to provide adequate employment opportunities for our young people. A radical transformation of the educational system cannot be achieved in the absence of comprehensive social change towards a new society.

18. The endeavour of the National Students Union of India shall be to strengthen the popular movement in our country towards this new society.

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RESOLUTION ON ALIGARH MUSLIM UNIVERSITY AFFAIR :

13

The NSUI expresses its great concern at the recent happenings in Aligarh Muslim University which had nothing to do with academic matters. The reactionary and communal forces that are seeking to make our educational institutions instruments to serve their selfish motives have also manifested themselves here. The Muslim Majlis and Muslim League that claim to represent minority right have created situation in which the academic life of this national institution is obstructed.

We would like to point out that traditionally the student union invited eminent national leaders to address them. But recently well known reactionary leaders such as Shri Pilloo Mody, Shri Banarsidas, Shri Charan Singh, Dr. A.J. Faridi were invited in rapid succession to incite agitation on the campus.

The Union Leaders misappropriated Union funds meant for student welfare ostensibly for conducting the agitation. They have been assured of party tickets for the forthcoming U.P. elections. Funds are also being made available to them from undisclosed sources.

They also insulted our national leaders like Shri Jagjivan Ram, Shri Fakhruddin Ali Ahmed, Professor S. Nurul Hasan and Five MLA from U.P. They conduct the most virulent propoganda against our leader Shrimati Indira Gandhi. They insulted respected members of the Executive Council of the University.

It pains us immensely to draw the attention of the student community to the presence of reactionary and communal element within the party itself who are willing to make compromises with the communists. We shall fight and expose them.

The NSUI assures all secular and democratic forces in the University that we stand solidly behind them in their struggle.

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NOTE ON THE PROBLEMS OF THE MINORITIES

The NSUI firmly opposes communalism of all shades however, we are fully conscious of the difficulties that the minorities of our country face even after a quarter of a century of freedom. Attempts at suppression of the Urdu Language, discrimination against Muslims and other minorities in employment and in various institutions of higher learning are well-known.

NSUI declares that these practices that go against the traditions of our rich composite culture and against the ideals of our freedom movement have no place in our national life.

Ordinarily the percentage of Muslims out of the total number of persons employed should have been broadly proportionate to their population. The facts are to the contrary. This could be because of two reasons.

- 1) The Muslims are economically and socially backward
- 2) They suffer discrimination in employment.

The result of this is the minority persecution complex and a feeling of insecurity which is exploited by the communalists.

In this connection it must be emphasised that the attempts to revive the Muslim League in various parts of the country is a more, that goes against the basic interests of the Muslim toiling masses of our country. NSUI calls for concerted effort to send the Muslim League and Muslim Majlis into oblivion.

We would also like to point out the aggressive communal activities of organisation such as the R.S.S., Jana Sangh and Shiv Sena with which Muslim, Communalists are in League. NSUI calls upon the Government to immediately take measures to solve the basic problems of the Muslims. We further resolve to champion all genuine demands of minorities and economically and socially exploited classes.

The final answer to communalism can only be given in the secular, democratic and socialist society that we seek to build in which every Indian will develop a new personality.

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RESOLUTION ON ECONOMIC & POLITICAL SITUATION

1. Our country is passing through a serious economic situation. The events of 1971 in the sub-continent and the natural calamities that followed contributed to a significant extent in creating these problems. We would like to point out, however, that ordinarily climatic factors make an adverse impact on the economy only when the base of the economy is weak. Our rate of growth has been slow and our planning ineffectual. The emphasis is not on achieving physical targets. The fixing of financial targets in the plan and leaving its introduction into practice to private initiative maintains spontaneity in the development of the productive forces and our young people remain at the mercy of a situation not of their making and outside their control. (15)

2. The mixed economy has led to the growth of monopoly capitalism and the parallel economy which hamper social progress and have resulted in vast social and economic disparities. Slum dwellers live in the shadows of imposing sky scrapers.

NSUI demands that a full transition to socialism be made by bringing the means of production under social ownership. Major industries should be owned by the State and the lands of the landlords and kulaks should be distributed among the small and landless presently.

3. An effective public distribution system should be established by the State so that the benefits of social progress reach the common people of our country.

The economic crisis has manifested itself in the spiralling prices. If we are to control prices concerted efforts will have to be made on the economic front.

NSUI demands from the Government strong and serious measures to solve this problem. We also call upon the masses to help the Government through mass action to check this abnormal price rise. We appreciate the recent decision to nationalise the wholesale trade in wheat. We call upon the Government to further nationalise the distribution of all essential commodities. But the implementation of these policies should not be left with the bureaucracy alone that is itself in league with the vested interests.

At the same time we feel it is our duty to expose and fight the saboteurs of foodgrain trade take over within the party.

The forces of reaction within the party that have in the past scuttled land reforms are today engaged in resisting.



Our problems can only be solved in a secular, democratic and socialist society that employs the forces of science and technology in socialist production.

4. The forces of right reaction are trying to utilise our economic difficulties to launch a massive attack on our programmes to give a better life to the toiling masses.

These forces manifest themselves in various forms and exploit regional, communal, linguistic and other parochial considerations in order to serve the interests of the propertied classes. Domestic reaction is assisted by ~~our~~ imperialist powers whose agencies are trying to subvert our progress towards socialism.

5. The attempt by these reactionary forces to exploit the people is certainly a matter of serious concern. NSUI resolves to eradicate them from our political life. We would like to stress that there exists a fundamental unity of reaction based upon the common interests of the exploiting classes against the working people. Faced with the advancing forces of socialism the reactionaries unite. The Grand Alliance of reaction symbolises this unity.

6. These disruptive forces are attempting to infiltrate into our educational institutions. The recent agitation in connection with the Aligarh Muslim University Act saw all these forces coming together. The Muslim Majlis and Muslim League that pretend to be champions of the minorities have no hesitation in joining hands with the Jana Sangh, BKD and other reactionary parties. Those who pretend to be the saviours of this great national institution are doing it the greatest harm.

In the Banaras Hindu University the communal forces led by the fascist storm troopers of the KMS have created a situation in which the progress of yet another great national institution is hampered.

7. The NSUI categorically declares that communalism and parochialism have no place in our national life and were resolved to struggle against them with great vigour.

The students and young must mobilise their energies to fight reaction in all spheres of national life in order to make our socialist programmes a success.

8. In our struggle against reaction and in the building of a new India NSUI calls for the unity of all secular, democratic and socialist forces and shall work towards achieving this.

EDUCATION MANIFESTO OF THE  
NATIONAL STUDENTS UNION OF INDIA

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UNDER the existing colonial, imperialist system of education, the students of India are being denied their rightful role of spearheading the great task of national reconstruction that the country is engaged in under the inspiring leadership of Mrs. Indira Gandhi.

"One of the biggest mistakes we have made when we gained independence was not to have overhauled thoroughly our educational system and structure" (SMT. INDIRA GANDHI).

AWARE

- that "Education has to be closely linked with the life of the community in which the student lives"
- that "It is one of the tasks of education to prepare the individual for employment"
- that "It is only when education is based on work and service that we can have the right mental attitude....to serve the nation"
- that "We must become more and more modern in our outlook. We must get rid of all that is evil in our society, all the superstitions and customs like caste, which have been like fetters and have prevented society from going"

(SMT. INDIRA GANDHI)

ON THIS "REFORM EDUCATION" DAY,

We, the National Students Union of India, GIVE OUT THE CALL:

"REORGANISE OUR EDUCATION" (SMT. INDIRA GANDHI)

ALSO AWARE OF the imperative need for a renaissance of student activity in the field of nation building,

WE CALL FOR

- I An educational system reflecting the national goals of SOCIALISM, SECULARISM AND NATIONAL INTEGRATION BY
- a) making a DETAILED HISTORY OF THE INDIAN FREEDOM STRUGGLE - A COMPULSORY COURSE OF STUDY
- b) taking immediate steps to prevent commercialisation of education by practices like levying of capitation fees
- c) eliminating elitism in education, especially in schools
- d) BANTING OF ALL COMMUNAL FORCES FROM THE CAMPUS
- e) increasing student exchange programmes to promote national integration.

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- A broad, uniform national policy of education
- III NEED BASED SYSTEM OF EDUCATION including vocationalisation of education and proper MANPOWER PLANNING. Introduction of a scientific content and perspective in education.
- IV FREE, COMPULSORY AND UNIVERSAL PRIMARY EDUCATION and proper academic, extra-curricular and recreational facilities for all students.
- V FULL IMPLEMENTATION OF THE THREE LANGUAGE FORMULA and immediate switch over to the REGIONAL LANGUAGE as the MEDIUM OF INSTRUCTION.
- VI Complete overhauling of the EXAMINATION SYSTEM BY  
- Enforcing the SEMESTER SYSTEM  
- Replacement of the present 'marks-system' by a workable combination of internal and external assessment through the 'grades system'  
- AN OPEN SYSTEM OF EXAMINATION
- VII Increase of special educational facilities, scholarships, etc., for economically backward sections of society and more concerted effort to improve the lot of educationally backward minorities
- VIII DEMOCRATISATION OF EDUCATION  
- 25% representation for students on all decision making bodies for the University.  
- Establishment of University Students' Union in all Universities.  
- Mandatory Students' Union for every educational Institution and Compulsory membership of these in the University Students Union.  
- Free and democratic functioning of Students' Union without outside interference.
- IX ESTABLISHMENT OF UNIVERSITIES IN FUTURE ONLY IN RURAL AREAS AND SEMI URBAN AREAS.
- X TEACHERS :  
Immediate steps to improve the working conditions and pay-scales of teachers, especially at the school level and effective steps to ensure social recognition of their great and important role in nation building.
- XI ONE YEAR'S SERVICE IN A VILLAGE OF HIS/HER CHOICE BE MADE COMPULSORY FOR EVERY GRADUATE AS A PRE-CONDITION TO HIS OBTAINING A DEGREE
- XII UTILISATION OF THE SERVICES OF STUDENTS in the WAR AGAINST ILLITERACY
- XIII ASSIGNMENT OF SPECIFIC POSITIVE ROLES TO THE STUDENTS IN THE ACTIVITIES OF NATIONAL RECONSTRUCTION

XIV AND WE DEMAND THAT

The outlay for Education in the Fifth Plan which is the lowest ever outlay for education, be immediately increased and the rightful place of IMPORTANCE IN THE PLAN BE RESTORED TO EDUCATION.

WE, THE MEMBERS OF THE N.S.U.I. (DELHI) ALSO CALL FOR IMMEDIATE ACTION REGARDING

- XV Withdrawal of Cases against the Students immediately, lodged during the student agitation, excluding various cases of violence.
- XVI Code of Conduct for Teachers and University Officials.
- XVII Judicial probe into the Shahdara firing this November and the incidents that led to the firing.
- XVIII Inquiry into irregularities in the University and change in the selection procedure of the teachers.
- IXX BETTER facilities for South Delhi College students and West Delhi College students including establishment of these two well-equipped zonal complexes.

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Appendix-VI

ALL INDIA STUDENTS FEDERATION-19TH  
CONFERENCE HELD AT COCHIN FROM 14-17 JANUARY 1974

DEMANDS :

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1. A new education system with scientific content and orientation and also with socialist, secular, democratic ideals and perspective should be evolved which would inspire patriotism and secularism and feeling of solidarity among students.
2. Teacher-student ratio should be reduced. Better relation and proper understanding should be developed among them.
3. There should be proper link between manpower planning and education.
4. The present outdated examination system should immediately be discarded and UGC recommendations on examination reform should be tried with necessary flexibility. While doing so, necessary safeguards should be ensured that this system will not be abused.
5. Medium of instruction at all levels should be regional languages. Steps be taken without any further delay to develop regional languages well-suited for the purpose.
6. Statutory democratic students unions should be set up. Active student participation at all levels of decision-making bodies of the universities and other educational institutions should be ensured. The teaching and non-teaching staff should also find their due place in all these bodies.
7. Secondary education has to be made free and primary education free, compulsory and universal.
8. More facilities for sports, games, recreation, accommodation (hostel) and also library and laboratory facilities should be provided.

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The conference considered the question of the place of regional languages in higher education and affirmed its conviction that energetic development of Indian languages and literature is vital for the promotion of higher education and of national culture generally. The subject of change-over of medium of education to regional languages, the conference stressed, could only be considered as an integral part of a deliberate policy and plan with a view to improving the quality of education, promoting creativity and national integration and bringing education closer to the needs and aspirations of the community.

The conference was in general agreement with the recommendations of the Education Commission with regard to change-over in the medium of education. But, higher education is a closely integrated system and any modification, such as a change in the medium of education, would have a direct effect on other parts of the system. The conference recognised that the change-over in the medium of education, if properly carried out, would be a major step towards improvement of higher education and towards strengthening of its roots in our soil. The programme should be pursued in a sustained and systematic manner. The conference endorsed the statement of the Education Minister that "the programme of change-over to regional languages as media of education will have to vary from university to university, from subject to subject, and even from institution to institution, in the same university. The criteria in each case should be that the change-over helps, at every stage, to raise standards." The manner and speed of the change-over should be left to the university system. This was in accordance with the recommendation of the Education Commission and was reiterated by the Education Minister in his address to the conference.

The conference felt that at the undergraduate stage, the change-over in the medium of education to regional language could be carried through in about five to ten years, depending on the degree of preparatory work already done, on the nature of the subject and other relevant factors. In the programme of change-over the importance of English should be fully recognised and adequate arrangements for its study made at the undergraduate level.

At the postgraduate and research level the question of "medium of education" loses its usual meaning, as students will have to depend, for instance, in science, medicine and technology, on books and journals in English and other important world languages (because of the universality and rapid growth of knowledge).

In the case of all-India institutions, the present arrangements regarding the medium of education may continue, as recommended by the Education Commission.

In the case of large cities, with multi-lingual population, the medium of education may continue to be English, in addition to the regional languages which the university would provide.

CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

Meeting:

Dated: 10th Dec 1973 22

Item No. 6 To receive the proceedings of the meeting of the Committee on linking education and work experience.

The University Grants Commission at its meeting held on 12th November, 1973 (Item No.9) while considering the scheme for linking education and productivity and introduction of work experience in colleges resolved as follows: -

"The Commission attached high priority to linking education with productivity and research and to the introduction of work experience as part of university level courses. The Commission, therefore, desired that a Committee may be constituted to examine this question and representatives of industry, small scale industries and National Committee on Science and Technology may be associated with this committee".

Accordingly the following committee was constituted for working out the details for linking education and work experience: -

1. Prof. B.D. Tilak,  
Director,  
National Chemical Laboratory,  
Poona.

Prof. M. Ramakrishna Rao,  
Central Instrumentation Laboratory,  
Indian Institute of Science,  
Bangalore.

3. Prof. S.N. Ranade,  
Delhi School of Social Work,  
University of Delhi.

4. Dr. C. Sudarshan,  
New Science College,  
Hyderabad.

5. Fr. Lacey Pereira,  
St. Xavier's College,  
Bombay.

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6. Shri Bandopadhyay,  
Deputy Director,  
Office of the Development Commissioner,  
Small Scale Industries,  
Nirman Bhawan,  
New Delhi.
7. Shri S.R. Vijaykar,  
Electronics Corporation of India Ltd.,  
Hyderabad.
8. Professor S. Krishnaswamy, Madurai University.
9. Dr. Jaweed Ashraf (special invitee)  
Jawaharlal Nehru University.

The Committee met on 24th August, 1974 and agreed that individual member of the committee may make available to the Commission a list of suitable work experiences, laboratory services etc. which could be introduced as a part of undergraduate curriculum in different subjects and these experiments would then be considered by the science panels and adopted for purposes of restructuring of the courses of study in different subjects. The information from all member has not so far been received.

A copy of the proceedings of the meeting of the committee is attached as Annexure.

The matter is placed before the Commission.

E.O.(SR)

Proceedings of the meeting of the Committee on linking education and work experience held on 24th August, 1974. (24)

A meeting of the Committee appointed by the Commission to work out details for linking education and work experience was held in the Office of the University Grants Commission on 24th August, 1974. The following were present: -

1. Dr. George Jacob,  
Chairman,  
University Grants Commission,  
New Delhi.
2. Prof. Satish Chandra,  
Vice-Chairman,  
University Grants Commission,  
New Delhi.
3. Prof. B.D. Tilak,  
Director,  
National Chemical Laboratory,  
Poona.
4. Prof. M. Ramakrishna Rao,  
Central Instrumentation Laboratory,  
Indian Institute of Science,  
Bangalore.
5. Prof. S.N. Ranade,  
Delhi School of Social Work,  
University of Delhi.
6. Dr. C. Sudarshan,  
New Science College,  
Hyderabad.
7. Fr. Lancy Pereira,  
St. Xavier's College,  
Bombay.
8. Shri S. Badhopadhyay  
Deputy Director,  
Office of the Development Commissioner,  
Small Scale Industries,  
Nirman Bhawan,  
New Delhi.
9. Shri S.R. Vijaykar,  
Electronics Corporation of India Ltd.,  
Hyderabad.

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10. Dr. D. Shankar Narayan,  
Additional Secretary,  
University Grants Commission,  
New Delhi.
11. Shri A.G. Deshmukh,  
Education Officer,  
University Grants Commission,  
New Delhi.

Professor S. Krishnaswamy and Dr. Jawed Ashraf (special invitee) could not attend the meeting.

The Chairman welcoming the members of the Committee informed that the Commission felt that in order to make education purposeful, measures have to be taken towards modernization, rationalization as well as diversification of the educational programmes in our colleges and universities. Restructuring of courses of study and making them relevant to local, regional and national needs was a step in this direction. Equally important is the question of reorientation of the contents of the courses of studies so as to bring about an effective link between theory and practice and incorporate relevant work experience as part of the class room instruction laboratory exercises and project work. The Commission, therefore, has appointed various panels in science and other subjects, committees to work out details with regard to providing bias to rural studies and problems, making national service as part of educational programmes and also the present committee to suggest methods of linking education with work experience and productivity. He also referred to the background papers relating to this subject, circulated for use of the Committee.

There was a general discussion with regard to the present pattern of education in sciences, humanities and social sciences and the inherent inadequacies of these educational programmes in making the products unemployable to a large extent. While it may be true that education may not create jobs it should nevertheless orient its programmes to increase the employability of the graduates and make efforts towards developing in them not only the knowledge or assimilation of information but also appropriate skills, attitudes and values which they could use as citizens and in the jobs that they may finally take up after leaving educational institutions. It should also enable them to continue their education subsequently through non-formal and informal methods. A reference was made to the problems of unemployment, self-employment,

training in entrepreneurship etc. It was felt that while these are important matters, in the national context of social and economic development, the main concern of the committee would be to suggest methods which would enable setting in motion, processes which would help to integrate education and work experience both at undergraduate and at postgraduate levels, of education in our colleges and universities.

Over the past 25 years, while the hurried expansion of schools, colleges and universities has been continuing undiminished and at ever increasing cost, there has been a counter-tide of disillusionment with formal education. The educational institutions do not, after all, appear to equip people to be good at the jobs they enter or to contribute to the acceleration of production of wealth and welfare. Worse still, they seem positively to discourage people from undertaking types of occupation which are essential goals of social development.

The problem of linking education, work experience and productivity or employment is to be viewed from the points of view of interrelationships between education, work-experience for students, productivity geared to national development, opportunities for earning while learning, and also learning to make a living by using appropriate technology by development of skills of a diversified nature. These problems cannot be considered in isolation from the educational programmes by resorting to providing supplementary courses and thereby making the students spend longer duration in educational institutions.

It is to be recognised that for a vast majority of students entering university system the first degree education extending over two or three years period is almost the terminal stage and accordingly an effort to link education with work experience should be made as integral part of the "total or complete education" offered to them during this period. In addition to this it may be useful also to develop post-B.A./B.Sc. and post-M.A./M.Sc. diploma courses in specialised areas which would further increase their employability particularly existing stock of graduates.

It is also true that several colleges particularly those participating in the college science improvement programme sponsored by the University Grants Commission have already made efforts in these directions but the present concern is not so much to confining it to a few selected colleges having necessary motivation and facilities for

these purposes but to devise suitable methods by which this could be introduced over the total undergraduate education system in the colleges and universities. The breaking of the existing rigidity of educational pattern, conferring autonomous status to enable an individual institution to devise suitable courses of study by incorporating work experience etc., are important factors. The Commission is already concerned with these problems. Nevertheless even within the existing framework of university prescribed syllabus and university conducted examinations, it should be possible to make worthwhile efforts to link classroom instructions in theoretical aspects with relevant practical work by drawing upon examples from the immediate vicinity and life situations rather than taking examples from abstract situations with which the student is never confronted throughout his life. The effort should be, therefore, to expose and involve the students studying each subject to varying types of practical experiences relevant to the subject concerned keeping in view the emerging problems of a local or a regional nature.

The problem of introducing work experience is to be considered at two relevant levels - (a) at the first degree level and (b) at the postgraduate level. Education at the first degree level, at least in the case of science subjects should not attempt to narrow down the work experience offered to the students so as to make them fit to a particular limits of curriculum and the facilities available in a college and taking advantage of the R&D institutions, industries etc., in neighbourhood the students can be exposed to meaningful work experience and guided towards optimisation of processes and development of products on a laboratory scale. In a quite number of instances, it may not be necessary for the colleges to set up pilot plants for such purposes. Good workshop facilities and exposing students to real industrial situations would help in developing the student's science and technological potential. The types of experiments to be chosen should be diversified and suitable modules developed for use by different batches of students as well as by different institutions. The relevant question to be asked is, how much is the student course work useful to him in his later occupations. Some acquaintance should also be given to dealing with human relations and management by objectives.

At the post-B.Sc. level, the students can be introduced to appropriate project work and the topics for such project work and term papers could be identified in

consultation with the local industry. The universities, the industry, the national laboratories and other R&D Organisations can indicate the role of each of the components in enabling the students project work. The science and technology plan developed by the National Committee of Science & Technology has identified several such relationships and tasks in chemical sciences, earth sciences etc. Such project work which can make contributions to national development should be considered as a worthwhile experience to be introduced at the postgraduate level. Such project work should also be taken up by talented undergraduate students in selected institutions such as COSIP colleges.

It was, therefore, agreed that the individual members of the committee would make available to the UGC a list of suitable work experiences, laboratory exercises etc., which could be introduced as part of the undergraduate curriculum in different subjects. These experiments could then be considered by the science panels and adopted for purposes of restructuring of the courses of study in different subjects. The question of designing appropriate post-B.A./B.Sc. and post-M.A./M.Sc. diploma courses could be considered at a subsequent meeting. It was suggested that the members may make available the information suggested above within a month so that a few programmes could be identified and recommended for introduction at an early date.

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UNIVERSITY GRANTS COMMISSION

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Meeting:  
Dated: 9th & 10th Dec., 1974

Item No. 7: To consider the recommendations of the Committee appointed to examine the proposal of the M.S. University of Baroda for assistance for the publication of Gackward Oriental Series.

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At its meeting held on 7th October, 1974, Item No. 14, the Commission considered the report of the Committee appointed to examine the proposal of the M.S. University of Baroda for assistance towards the completion of 'Critical edition of Valmiki Ramayana' and the Publication of Gackward Oriental Series. As regards recommendations of the committee relating to the publication of Critical Edition of Valmiki Ramayana, the Commission agreed to provide assistance for the period ending 31st March, 1975 and for the publication of Pratika - Index. However, the recommendation of the committee relating to the publication of Gackward Oriental Series could not be considered by the Commission. The recommendations of the committee regarding the publication of Gackward Oriental Series are reproduced below:-

"The committee then discussed the proposal of the university relating to its programme of publication of works in the Gackward Oriental Series for the years 1975-79. The committee was informed that on an average, the Oriental Institute was bringing out five publications in a year and the following expenditure had been incurred on this programme during the last three years i.e. 1971-72 to 1973-74:-

Year	Expenditure incurred from University funds on books not in approved list of the U.G.C.	Expenditure incurred from UGC and State Govt. grants on the books in the approved list of the U.G.C.	Total
1971-72	10,579.60	4,064.80	14,644.40
1972-73	9,997.93	37,201.85	47,199.78
1973-74	23,715.70	34,527.70	58,243.40
Total:-	44,293.23	75,794.35	1,20,087.58

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The committee noted that the average expenditure on the publication programme of Gackward Oriental Series would thus come to about Rs.40,000/- per annum. Since most of the publication work is done in the university's own press, the rise in printing costs is not expected to be much. However, taking into account the rise in cost of paper etc., the average expenditure during the period 1975-76 to 1979-80 may come to about Rs.45,000/- per annum or Rs.1,80,000/- for four years. Since the university has agreed to provide Rs.25,000/- per annum for this programme, the committee recommends that the Commission may assist the university to meet the balance expenditure of Rs.80,000/-".

The matter is placed before the Commission for consideration.

AS(D-4)/D.S.(D-4)

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UNIVERSITY GRANTS COMMISSION

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MEETING:

Dated: December 9-10, 1974

Item No.8: To receive the minutes of the meeting of the Standing Committee on new universities/university centres held on 21st November 1974.

...

The Standing Committee on new universities and university centres met on 21st November 1974 and a copy of the proceedings of the meeting is attached as Annexure. The main recommendations of the Committee are given below:

I. Establishment of a University at Rohtak  
(Item no.1 of the minutes)

....

On further considering the proposal of the Government of Haryana for the establishment of a teaching-cum-affiliating university at Rohtak immediately, the Committee was not in favour of establishment of a new university at Rohtak at present. Instead, it was suggested that the Kurukshetra University Act should be amended in such a way that the unitary character of the University is maintained and at the same time a new organizational set up like the Directorate for undergraduate education in colleges is set up as a wing of the Kurukshetra University to deal with the affiliating functions in respect of the colleges that are now affiliated to the university consequent upon their transfer from the Panjab University. Suitable provision should also be made in the Act so that it would be possible for such a Directorate for Collegiate Education and for the Postgraduate Centre at Rohtak to function at a high academic level and in an autonomous manner, within the University framework.

II. Upgrading the Postgraduate Centres at Guntur (Andhra University) and Warangal (Osmania University) as fullfledged Universities in Andhra Pradesh. (Item No.2 of the minutes).

....

The Standing Committee felt that the two Postgraduate Centres should first be enabled to function as autonomous centres academically, administratively and financially. It would be necessary for the Universities of Andhra and Osmania and the State Government to consider how best this could be achieved. The question of bringing about structural changes in the Acts of Osmania and Andhra Universities

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may also be considered by the State Government so that on the one hand the required autonomy for the Postgraduate Centres be conferred and on the other a separate wing under the aegis of the Universities be brought into being for discharging its affiliating functions for undergraduate education in colleges. The Fifth Plan Visiting Committees which would visit these Centres may also be requested to suggest the measures for the development of these Centres.

III. Establishment of a Science and Technological University in Tamil Nadu. (Item No.3 of the minutes.)

...

The Standing Committee noted that the Tamil Nadu Government has revised its proposal in conformity with the suggestions and conditions laid down by the U.G.C. and the Government of India from time to time and felt that there is a prima-facie case for setting up such a unitary university as it will pave the way for optimum utilisation of the existing institutions that will form the new university and also recommended that the proposal be accepted in principle on the condition that the proposed University should also include the Departments of Chemical Technology, Leather Technology, Textile Technology and Architecture and Town Planning of the University of Madras.

IV. Declaration of Gandhigram Rural Institute as an Institution deemed to be a University. (Item no.4 of the minutes.)

...

The Standing Committee agreed that a Visiting Committee be sent to Gandhigram to examine the proposal and make recommendations. The Government of Tamil Nadu may also be consulted in the matter.

V. Establishment of a University Postgraduate Centre at Tellicherry (Calicut University). (Item No.7 of the minutes).

...

The Standing Committee noted that the U.G.C. has already agreed in principle to the starting of a postgraduate centre in Tellicherry on the basis of its recommendation made in September 1973 subject to the proviso that the Commission would not be able to give any financial assistance for the purpose in the Fourth Plan and the question of assistance to the Postgraduate Centre in Tellicherry will be considered only on the basis of a report of an Expert Committee which would visit the University in due course. The Committee also noted that the Postgraduate Centre has started functioning and the Commission has agreed to the creation of one post of Professor in English. In view of this, the Committee suggested that a Visiting Committee may be constituted to consider the question further.

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VI. Establishment of a Postgraduate Centre at Tripura.  
(Item No.12 of the minutes).

...

Since the present proposal made by the Calcutta University is in conformity with the advice given earlier, the Committee recommended that the Calcutta University be allowed to go ahead with the establishment of a Postgraduate Centre at Tripura, and a Visiting Committee may be appointed to assess the requirements of the Centre.

The matter is placed before the Commission for consideration.

E.O(CP)/Addl. Secy.

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Annexure to Item No.8.

Minutes of the Standing Committee on new Universities/University Centres.

...

A meeting of the Standing Committee on New Universities/University Centres was held on 21.11.1974. The following were present:

1. Professor Satish Chandra (in the Chair)
2. Dr. D. Jaganathan Reddy
3. Professor M.V. Mathur
4. Dr. N.K. Ananta Rao  
(Representing Director-General, ICAR)
5. Shri R.S. Chitkara  
(Representing Education Secretary)
6. Shri R.K. Chhabra
7. Dr. D. Shankar Narayan
8. Shri M.P. Balakrishnan

The following members could not attend the meeting:

1. Dr. D.P. Singh
2. Dr. K.L. Shrimali
3. Professor R.S. Sharma
4. Shri K.T. Chandy
5. Dr. Ajit Mazoomdar
6. Dr. S.N. Sen
7. Dr. J.B. Shrivastava

Item No. 1: To consider further the proposal of the Government of Haryana for the establishment of a University at Rohtak.

The Standing Committee noted that its recommendations on the proposal of the Government of Haryana for the establishment of a University at Rohtak was considered by the Commission at its meeting held on 12th August, 1974 and the Commission "was not in favour at this point of time that Haryana State may have another University at Rohtak." The Commission had, however, felt that as and when a second university is agreed to be set up, it should be a Teaching-cum-Affiliating University covering all the colleges of the State and that the Kurukshetra University should be enabled to develop as a unitary University.

The Government of Haryana, while requesting the UGC to reconsider its decision, has indicated that it would become difficult for the Kurukshetra University to develop as a unitary University in the changed circumstances as all the colleges of Haryana State had already been affiliated

with Kurukshetra University with effect from 30th June, 1974. It would, therefore, be necessary to set up a Teaching-cum-Affiliating University at Rohtak immediately so that the Kurukshetra University may continue to be developed as a unitary University.

The Committee was not in favour of establishment of a new University at Rohtak at present. Instead it was suggested that Kurukshetra University Act should be amended in such a way that the unitary character of the University is maintained and at the same time a new organizational set up like a Directorate for undergraduate education in colleges is set up as a wing of the Kurukshetra University to deal with the affiliating functions in respect of the colleges that are now affiliated to the University consequent upon their transfer from the Panjab University. Suitable provision should also be made in the Act so that it would be possible for such a Directorate for Collegiate Education and for the Postgraduate Centre at Rohtak to function at a high academic level and in an autonomous manner, within the University framework.

...

Item No.2: To consider a proposal of the Government of Andhra Pradesh for upgrading the Postgraduate Centres at Guntur (Andhra University) and Warangal (Osmania University) as fullfledged Universities in Andhra Pradesh.

The Committee noted that the Government of Andhra Pradesh has proposed the upgrading of the Postgraduate Centres at Guntur (Andhra University) and Warangal (Osmania University) as Universities. The Committee felt that the two Postgraduate Centres should first be enabled to function as autonomous centres academically, administratively and financially. It would be necessary for the Universities of Andhra and Osmania and the State Government to consider how best this could be achieved. The question of brining about structural changes in the Acts of Osmania and Andhra Universities may also be considered by the State Government so that on the one hand the required autonomy for the Postgraduate Centres be conferred and on the other a separate wing under the aegis of the Universities be brought into being for discharging its affiliating functions for undergraduate education in colleges. The 5 th Plan Visiting Committee which would visit these Centres may also be requested to suggest the measures for the development of these Centres on the lines indicated above.

Item No. 3: To consider further the proposal of the Government of Tamil Nadu for the establishment of a Technological University in Tamil Nadu.

The Standing Committee noted that the Government of Tamil Nadu had revised its proposal in conformity with the suggestions and conditions laid down by the UGC and Government of India from time to time in this respect. The proposed new University of Science and Technology would be set up with the College of Engineering, Guindy as its nucleus and would consist of the following institutions:-

1. Centra Polytechnic
2. Institute of Chemical Technology
3. Institute of Leather Technology
4. Institute of Textile Technology
5. Regional School of Printing
6. State Institute of Commerce

The Government of Tamil Nadu also proposes to move the Madras University to transfer its departments of Chemical Technology, Leather Technology, Textile Technology and Architecture and Town Planning presently located in the campus of the Alagappa Chettiar College of Technology to the proposed new university.

The Standing Committee felt that there is a prima-facie case for setting up such a unitary University as it will pave the way for optimum utilisation of the existing institutions with maximum economy. The Committee, therefore, recommended that the proposal may be accepted in principle subject to the condition that the proposed University should include the departments of Chemical Technology, Leather Technology, Textile Technology and Architecture and Town Planning of the University of Madras.

...

Item No. 4: To consider the question of declaring the Gandhigram Rural Institute, P.O. Gandhigram, Madurai District, Tamil Nadu, as a deemed to be a university under Section 3 of the UGC Act, 1956.

The Committee considered the question of according a deemed to be a university status to the Gandhi Gram Rural Institute and noted that the Institute is organising various courses which are generally not available in the Universities of India and some of these courses are organised at university level standards and the Institute is making useful contribution to higher education in its chosen fields. The Committee felt that conferring a deemed to be a university status to

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Gandhigram Rural Institute would further enhance the development of the area of specialisation, teaching and research activities in the Institute. It was agreed that a Visiting Committee be sent to Gandhigram to examine the proposal and make recommendations. The Government of Tamil Nadu may also be consulted in the matter.

...

Item No. 5 and  
No. 11 :

To consider a proposal of Sri Venkateswara University, Tirupati for the establishment of two Postgraduate Centres in the University area - one at Kurnool and other at Nellore.

To consider a proposal of the Andhra University for the establishment of Postgraduate Centres in Krishna, East Godavari and West Godavari districts under the jurisdiction of the University.

The proposal of Sri Venkateswara University for the establishment of two Postgraduate Centres was considered along with the proposal of the Andhra University for establishing 3 Postgraduate Centres in their respective areas. The Committee noticed that the Universities in Andhra Pradesh are following different policies regarding Postgraduate teaching. While Sri Venkateswara University is organising postgraduate education only in the University departments and PG Centres, Andhra University has now been permitting postgraduate teaching in selected colleges also. It would, therefore, be necessary for the State to have a definite plan for the development of postgraduate education and for this it would be advantageous to have consultation with the Vice-Chancellors of the three Universities in Andhra Pradesh and the State Government. It was indicated that proposals regarding setting up new Postgraduate Centres in the State of Andhra Pradesh will be considered after the proposed joint discussion with the Universities and State Government.

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Item No.6: To consider a proposal of Madurai University for the establishment of four Postgraduate Centres at Tirunelveli, Palayankottai, Virudhunagar and Nagercoil.

The proposal of the Madurai University for the establishment of four Postgraduate Centres will be considered after the question of organising postgraduate education in Tamil Nadu has been discussed with the Vice-Chancellors of Universities in Tamil Nadu and the State Government.

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Item No.7 : To consider the establishment of a University Postgraduate Centre at Tellicherry (Calicut University).

The Committee noted that at its meeting held on 8th September, 1973 it had recommended that the proposal of the Calicut University for the establishment of a University Postgraduate Centre be examined in the light of the data made available by the University and the matter decided by the Commission if necessary justification has been given. The UGC accordingly has agreed in principle to the starting of a postgraduate Centre in Tellicherry subject to the proviso that the Commission would not be able to give any financial assistance for this purpose in the Fourth Plan and the question of assistance to the Postgraduate Centre at Tellicherry will be considered only on the basis of a report of an Expert Committee which would visit the University in due course. It was further noted that the Postgraduate Centre has started functioning and the UGC has agreed to the creation of one post of Professor in English. In view of this, the Committee suggested that a Visiting Committee may be constituted to consider the question further.

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Item No. 8 and No. 9 : To consider further a proposal of Guru Nanak University, for the establishment of a Postgraduate Centre at Jullundur.

To consider further the proposal of Gujarat University regarding establishment of a Postgraduate Centre at Nadiad.

The Committee noted that the Fifth Plan Visiting Committee will be visiting these Universities to assess the Fifth Plan needs and as such these proposals may be discussed by the Visiting Committees with the authorities of the Universities and State Government.

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Item No.10: To receive a copy of the Rules framed under Section 12-A of the UGC Act, 1956.

The Committee noted the rules framed under Section 12-A of the UGC Act, 1956.

p.t.o.



Item No.12: To consider a proposal of the Calcutta University to establish a Postgraduate Centre at Tripura.

The Committee noted that the present proposal of the Calcutta University to establish a Postgraduate Centre at Tripura has been proposed by the Calcutta University on the basis of advice given by the Commission earlier while considering a proposal of the Government of Tripura for setting up a University in Tripura. The Commission had suggested at that time that the question of setting up a University Centre for postgraduate studies in Tripura be pursued by the Tripura Government with Calcutta University. Since the present proposal made by the Calcutta University is in conformity with the advice given earlier, the Committee recommended that the Calcutta University be allowed to go ahead with the establishment of a Postgraduate Centre at Tripura, and a Visiting Committee may be appointed to assess the requirements of the Centre.

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Item No.13: To consider a proposal about setting up Postgraduate Centres in rural areas made by the Vice-Chancellor, Gujarat Vidyapith.

The Committee felt that such proposals be considered on merit.

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CONFIDENTIALUniversity Grants Commission

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Meeting :

Dated : 9th &amp; 10th Dec., 1974

Time : 10.00 A.M.

Place : UGC Office, N-Delhi.

Item No. 9 : To consider the question of awarding approved construction work projects financed by the U.G.C. to Public Undertakings.

The University Grants Commission has been sanctioning various types of building projects to universities under the successive five year plans. The universities so far have generally been executing these projects through contractors after inviting open tenders giving wide publicity to such works.

According to the present practice, universities forward to the Commission plans and preliminary estimates of such projects alongwith the specifications to be adopted. After such plans are accepted by the Commission, the universities prepare detailed estimates on the basis of specifications and schedule of rates of the PWD/CPWD. As soon as these detailed estimates are prepared by the university, a copy thereof is forwarded to the Commission and the university also invites tenders for the execution of such works on item rate basis. For each such work the Commission receives information regarding the value of estimates put to tender, number of tenders received, value of the lowest tender, value of the tender accepted and if the lowest tender is not accepted, the reason for the same. On receiving this information, the universities are allowed to go ahead with the construction of accepted projects.

Difficulties have been experienced by universities in obtaining the services of good contractors in many places. There have also been difficulties arising out of non-availability of adequate construction material and even labour. Some of the universities have been trying to enlist the association of contractors located in out-station areas due to non-availability of suitable local contractors and very often universities find it difficult to get work executed through contractors or private agencies who have been registered with the Public Works Department for undertaking such works. There is also want of adequate competition before the works approved are awarded to such contractors. There is further abnormal delay in completing such work detrimental to the developmental activities of the universities. There have also been cases where universities have been obliged to face awkward situation like contractors

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leaving the job unfinished and in an uncomplete stage, resulting thereby financial losses apart from non-execution of the projects themselves. The number of contractors available and who can be engaged for similar type of works is also very limited.

The Aligarh university has recently negotiated with the N.B.C.C. the execution of their building projects approved by the UGC. The NBCC which is a well equipped, experienced and well staffed organisation executes the works undertaken by them according to CPWD norms and specifications. And the Aligarh University has indicated that the cost of works executed by the NBCC which will avoid inviting tenders by the university will not cost more than what it would be by following the present practice of inviting tenders at 90 or 100% above the existing CPWD schedule. The agreement entered into by the Aligarh University (copy enclosed) shows that the university will be required to pay the NBCC - actual cost + 15% as over-head cost including profit to the NBCC. The university considers this arrangement to be better than entrusting the work to contractors and has also indicated that the terms of agreement proposed is subject to review when it will be possible for the university to decide the suitability of the arrangements made.

N.B.C.C., it has been stated by Aligarh Muslim University, has executed such works satisfactorily on the basis of "cost plus" formula for other Government institutions.

The proposal of the Aligarh University to execute its building projects through the NBCC to avoid inconveniences and difficulties in dealing with private contractors was referred to the CPWD. The CPWD has indicated :

"The N.B.C.C. ~~is~~ a Government of India undertaking and as such can be relied upon to complete satisfactorily the works entrusted to them. If, however, the university do not wish to enter into agreements on "cost plus" basis due to the uncertainty of the final liabilities involved until the works are fully completed, and also are finding it difficult to get the works executed directly, they may be advised to entrust their future works to CPWD. The CPWD will take up the works as deposit works on payment of nominal departmental charges".

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While the CPWD considers NBCC as a dependable organisation to execute such works entrusted by universities to it, it has also advised in case of difficulty that the work may be entrusted in future to the CPWD as deposit works on payment of nominal departmental charges.

The matter is placed before the Commission for its consideration.

E.O.(CP)/Addl.Secy.

THIS AGREEMENT IS MADE ON THIS fifteenth day of May, One thousand nine hundred seventy three between the Aligarh Muslim University, Aligarh (hereinafter called AMU which expression shall be deemed to include its successors and assign) on the one part

and

THE NATIONAL BUILDINGS CONSTRUCTION CORPORATION LIMITED, a company incorporated under the Companies Act of 1958 and having its registered Office at 44, Ring Road, Lajpat Nagar-III, New Delhi 110024 (hereinafter called NBCC which expression shall be deemed to include its successors and assigns) on the other part.

WHEREAS AMU is desirous of getting all their present and future works that may come up for construction in the university campus till the end of Fifth Five Year Plan period executed by NBCC and, WHEREAS NBCC is willing to undertake and execute the said works as per terms and conditions and for consideration ~~to be~~ after fully described in Annexure I, NO WIT HAS BEEN AGREED between the above mentioned parties as under :

i) That this agreement shall be effective in respect of the works listed in \*Annexure-II and those awarded on or after the date of this agreement and that modifications or alterations that are made in this deed subsequently shall be regarded as additions to this deed.

ii) That this agreement shall be governed by the terms of agreement fully described separately and shown in Annexure I

iii) That the attached document viz., Annexure I giving details of the terms and conditions including the items of expenditures coming under the terms "Actual cost" shall also be deemed to form part of this deed of Agreement. IN WITNESS WHEREOF the parties above mentioned have signed this deed on the day and year above written in the presence of witness.

For and on behalf of Aligarh Muslim University  
Sd/ Treasurer

Sd/- For and on behalf of the National Buildings  
Construction Corporation Ltd.

Sd/- Resident Engineer  
NBCC Ltd. Aligarh

\* Not enclosed.

Terms and conditions of the Agreement to execute  
the works of the Aligarh Muslim University at Aligarh.

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1) The NBCC shall execute and complete all such works as may be entrusted to them from time to time as per conditions of the agreement to the satisfaction of Aligarh Muslim University, Aligarh and on the basis of the separate work order to be placed for different works and in accordance with the programme mutually settled in respect of each work. The list of works presently assigned to the NBCC is enclosed (Annexure-II)\*.

2) It was agreed that the NBCC shall work as a major construction agency in respect of present and future works that may come up for construction in the University Campus till the end of 5th Five Year Plan period. The Aligarh Muslim University may obtain the assistance of the NBCC in respect of planning and designing of any works if it considers necessary on the terms that may be mutually agreed upon. All the same the University may reserve the right to assign any of the works to any other agency other than those already assigned to NBCC.

3) The NBCC shall be paid the actual cost as listed under clause 4 of this agreement plus 15% thereon to cover the Head Office overheads and margin of profit. This agreement will remain operative in respect of the works assigned for immediate execution. After six months, the position may be reviewed and any future works to be assigned to the NBCC may be on cost plus basic subject to the ceilings that may be determined after mutual consultations.

4) a) The term 'actual cost' shall include the followings:

The cost of materials, Viz. Cement, MS rods, centering Shuttering and Scaffolding and other steel of various sections and sizes bricks, sand timber stone metal, lime stone and all other materials purchased or manufactured directly or indirectly, by the Contractors (NBCC) and the value of any other materials that may be supplied by the Aligarh Muslim University, Aligarh for use on any of the works at the rates mutually agreed. This also includes value of materials received by transfer from other Units of the Corporation. All materials purchased or required through transfer except Plant and Machinery will be the property of the University. The University will always be associated in the matter of purchases of all major materials and consulted in the matter of transfer from other Units of the Corporation.

b) Cost of cartage, insurance, freight, taxes, octroi, royalty, custom and excise duty, watch and ward etc. of all the materials/stores brought to site.

....2/-

\* Not enclosed.

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c) Cost of direct labour engaged on muster roll and or through labour contractors and sub-contractors viz. piece rate workers etc. This will include all the fringe benefit like Bonus, retirement compensation etc. as per rules of NBCC as also the cost of importation of Labour, if any.

d) Cost of idle labour due to heavy rains and other causes if it is beyond the control of the NBCC.

e) Cost of all incidental charges of the field unit such as:-

i) Salaries and allowances of all staff (Regular, work charged or casual) employed on execution of works, supervision, accounts recruitment of labour, purchase and maintenance of store etc. Salaries and allowances will also include all fringe benefits or remuneration like L.T.C., Children Education Allowance, Contribution towards bonus, CPF, Gratuity etc. that may become payable to staff as per rules of the Corporation. This will also include leave salary contribution for the regular staff posted at the unit.

ii) Payment to sub-<sup>contractors</sup> ~~contractors~~/labour contractors (Jamadars) or any other agency employed for the recruitment of labour.

iii) Any compensation paid or payable to labour under the workmen's compensation Act or any other labour laws of the country as also insurance charges on labour. In case compensation can be made payable by the insurance company through insurance there will be no question of further compensation by clients (MAU)

iv) Expenses on running, maintenance of the P & M and vehicles including insurance, rates and taxes etc., and repairs during the execution of University works.

v) Depreciation and interest charges on Plant and machinery including vehicles as per norms approved by NBCC.

vi) Temporary works like hutments of the field offices, stores and for staff/labour employed on the works, approach road, water line, temporary electrification, as may be mutually agreed upon and considered necessary by the NBCC and the University.

vii) Cost of all small tools and stores.

viii) All contingent expenditure of the field unit such as T.A. & D.A. Office furniture and equipment, liveries, hot and cost weather charges, telephone charges, stationery, printing advertisement, postage and telegram, bank charges, staff welfare, laboratory expenses, legal charges and miscellaneous expenses etc. directly connected with the works of the University.

- ix) Water and electricity charges and cost of installations including international distribution and arrangement for construction purposes.
- x) Medical expenses for field staff and labour including maternity expenses for their families.
- xi) Expenses on insurances of labour, Cash, works etc.
- xii) Losses, if any on account of fire, riots, war or enemy action or any other causes beyond the control of NBCC.
- xiii) Any other item of expenditure relating to field unit in the interest of the University works.
- xiv) Extra percentage on account of Head Office overheads and profits will not be levied on 'Actual cost' in respect of Item No.(iii) and xii).
- 5) Credit for the residual values in respect of Temporary hutments, small tools and stores, centering, shuttering and Scaffolding and office furniture and fittings shall be afforded to AMU, after the completion of works in respect of the items that may be mutually agreed upon.
- 6) The NBCC being/exempted from deposit of any earnest money or security for the execution of the works shall not deposit any such earnest money or security.
- 7) The NBCC shall be paid an advance to the extent of 10% of the value of the work alongwith the work order. This advance shall be interest free and shall be recovered from the running bills of the concerned work at the rate of 10% of the amount of the bill. The balance amount of advance, if any, shall be recovered from the final bill.
- 8) The Aligarh Muslim University shall make necessary arrangements for water and electricity as required for the construction at a convenient point for such sizeable work as mutually settled. In case, the same is not provided by AMU, the cost of such arrangement shall also form part of actual cost.
- 9) Payment shall be made by the AMU to NBCC every month as under:-
- i) Every month a runningbill shall be prepared by the NBCC showing the details of vouchers, RVs, TVs etc. and submitted to AMU on the basis of actual cost plus 15%.
- ii) The Aligarh Muslim University shall complete the checking of the Bills within three weeks of the submission of the bill and any verification of vouchers etc. required shall also be completed at the site/office of the NBCC within this period.



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The relevant original records will thereafter be sent to the Head Office of the NBCC and the University may inspect, them for reference till the final bill is passed after the completion of concerned works.

iii) Payment for the monthly bill shall be made by the AMU within 21 days of the submission of the bill. In case, the bill could not be passed within 21 days for one reason or the other, an advance to the extent of 90% of the amount of the bill shall be paid to NBCC shall be adjusted from the concerned bill when it is passed for payment.

10) At the end of every year NBCC shall furnish to AMU a cost statement based on the audited figures of the Annual Accounts soon after the completion of the annual accounts. This bill shall be treated as the final bill for that year which shall be passed for payment by AMU within 3 months of the submission of the bill.

11) The Aligarh Muslim University shall provide accommodation to the regular staff of the Corporation posted for the execution of the work.

12) The works shall be executed as per the general specification in force in CPWD, New Delhi or any such other specifications as may be decided by the AMU.

13) All questions, disputes or differences of any kind, whatsoever, arising out of or in connection with the contract at any time, whether during the progress of the work or after the completion, or whether before or after the determination of the contract, it shall be referred to two Arbitrators, one nominated by the Vice-Chancellor or the AMU and another nominated by the Managing Director of NBCC. In case of disagreement between the two Arbitrators, they can appoint an Umpire whose decision shall be final and binding on both the parties.

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Meetings: (33)

Date: 9th-10th Dec. 1974

Item No: 10. To consider the proposal of the Jawaharlal Nehru University for construction of a second school building.

The Jawaharlal Nehru University has sent a proposal for the construction of one more school building to be constructed during the 5th plan period in order to achieve the target of providing academic courses for 3200 students at the end of plan period. The proposed school building will be with a plinth area of 96,572 sq.ft. The University has asked for the acceptance of the preliminary plans of the buildings. The ground floor of the building will have workshop, physical laboratory and other laboratories. The first and second floors will have administration, seminar rooms, lecture theatres besides laboratories. The third floor will have teaching laboratories, seminar room and lecture rooms. The fourth floor will have students common room, library, seminar room besides laboratories. The building proposed, therefore, includes mostly laboratories, lecture theatres, seminar rooms and workshops etc, in addition to a very small portion for the administration.

In this connection it may be stated that the Commission had agreed to the construction of a number of buildings during the 4th five-year plan period. These include a building for School of Life Sciences, building for the setting up of Computer Centre, staff quarters, hostel buildings etc. The total spill over component of the 4th plan and the items agreed to so far during 1974-75 which will be a first charge on the 5th five-year plan allocation amounts to about Rs.3.50 crores. The Commission had requested the Jawaharlal Nehru University to send its V Plan proposals within an allocation of Rs. 6 crores, but the university with great difficulty and keeping into view the commitments made regarding the development of the university has been able to confine this to about Rs.10 crores.

The Commission on the advice of the Government of India had requested the universities not to undertake as far as possible new building projects as a measure of economy in the context of the current financial situation. At its meeting held on 8th July, 1974 (Item No.19) while considering the memorandum issued by the Government of India for economising the expenditure by continuing

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temporary ban on construction of non-functional buildings, the Commission requested the Government of India to treat buildings required for libraries, laboratories, including workshops (and animal houses, class rooms, accommodation and such other buildings as may be required for installation/housing of scientific equipment) as functional. Any other buildings that may have to be considered on merits of each case. The Commission has, however been agreeing to the construction of buildings in some universities where this was absolutely necessary.

In this connection it may be stated that while it may be possible to defer construction of buildings, to some extent, in the case of old established universities the requirements of the new universities and those established in the IV Plan, may have to be considered differently. In view of this it is for consideration if the proposal of Jawaharlal Nehru University for construction of the second school building may be examined and the university allowed to take necessary steps for its construction. The major portion of the expenditure would be incurred by the university during 1975-76 onwards.

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

(3)

Meeting:

Dated: 9th & 10th December, 1974

Item No.11: To consider the proposal of the Meerut University for financial assistance towards the construction of a Guest House already completed by the university during IV - Plan.

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In September, 1973 the Meerut University had proposed that it may be permitted to include certain additional projects to be accommodated within the over-all ceiling allocation fixed by the University Grants Commission to the university for the 4th Plan. One of the additional projects included related to the construction of a Guest House. Since the University had indicated that it would be possible for it to accommodate within the over-all ceiling, the university had been asked to identify the savings so that this proposal could be considered. In March, 1974 before the expiry of the 4th Five Year Plan period, the university indicated that it anticipated a saving of Rs.1.51 lakhs and a sum of Rs.1 lakh may be allocated for the construction of a Guest House as UGC share. It was also indicated that the State Government had already released its share of Rs.50,000/- towards the construction of the Guest House.

On seeking further clarification, the university also informed that the actual construction of the Guest House was taken up on 11.9.1973 and the construction work is also complete. The university has further requested that the Commission may consider allowing reappropriation of Rs.1 lakh from the savings of the 4th Plan as indicated by the university. It may be stated that while the university started construction work on 11.9.1973, the University Grants Commission on the basis of the memorandum issued by the Government of India for economising expenditure had advised all universities not to go ahead with the construction of non-functional buildings not taken up or when work had not proceeded beyond plinth level and if any construction work was considered essential, the same had to be referred to the Commission for its concurrence.

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The Meerut University has completed the construction of the Guest House without the Commission's concurrence and also when there was a temporary ban on construction of such work. It may, however, be stated that against the allocation of Rs.56 lakhs provided to the Meerut University for the 4th Plan, a sum of Rs.48,56,718/- had been paid to the university as on 1st April, 1974. The amount if paid, will be the first change to V Plan allocation.

The matter is placed before the Commission for its consideration.

EO(CP)/Additional Secretary

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

(36)

Meeting:

Dated: 9th-10th November, 1974

Item No. 12: To consider a proposal regarding implementation of University Leadership Project in Mathematics, at Bombay University under COSIP.

The University Grants Commission at its meeting held on 28th May, 1973 considered the recommendations made by the Standing Committee on COSIP and inter-alia agreed to invite a proposal from the University of Bombay for implementation of University Leadership Project in Mathematics. The University has since submitted detailed proposal for implementation of Project as indicated below:-

a) University Department requirements For three years

I. <u>Preparation of text books, question banks etc.</u>	
i) Panel of ten teachers for 36 months at Rs.150/- per month.	Rs. 54,000.00
ii) Panel of ten participating teachers for 20 months at Rs.100/- per month.	Rs. 20,000.00
iii) Stationery, typing etc.	Rs. 24,700.00
iv) Printing of text books	Rs. 50,000.00
II. Academic staff (1 professor, 2 readers & 2 Lecturers)	Rs.1,92,200.00
III. Long term (one year) Institute (salaries of 6 teachers from affiliated colleges).	Rs.1,80,000.00
IV. Summer Schools	Rs. 46,650.00
V. Short visits by staff members to colleges within and outside Bombay	Rs. 22,500.00
VI. Secretarial assistance	Rs. 6,600.00
VII. Contingency, postage-stationery	Rs. 12,000.00
Total:	Rs.6,08,650.00

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b) College requirements

Equipment, Books & journals  
(34 colleges) Rs. 1,02,000.00

Total of (a) and (b) for 3 years: Rs. 7,10,650.00

Average per year : Rs. 2,36,883.33

The Department envisages to prepare text books and to set up question banks for undergraduate students and teachers. Seminars, Summer School and refresher courses are also proposed to be undertaken. The teachers from affiliated colleges will be invited to spend one year at the Department to enable them to acquaint themselves with the latest techniques of teaching mathematics at undergraduate levels. 34 affiliated colleges of the University including those located in the Districts of Thana, Kolaba and Ratnagiri will be covered under the project.

The proposal has been formulated by Prof. S.S. Shrikhande, Head of the Department of Mathematics in consultation with Professor B.M. Udgaonkar.

The matter is placed before the Commission.

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UNIVERSITY GRANTS COMMISSION

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Meeting:

9th

Dated: 10th December, 1974

Item No.13: To consider the appointment of the members of a Jury for making final selections of scientists for awards instituted by the Commission from out of the endowment made available by the Hari Om Ashram Trust, Nadiad.

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The Hari Om Ashram Trust, Nadiad, Gujarat has placed a sum of Rs.4.5 lakhs at the disposal of the Commission for creating a Hari Om Ashram Science Research Trust for giving three annual awards each of the value of Rs.10,000/- for the best scientific research work produced in this country by Indian Scientists in different fields. The following three awards are to be made to a scientists in the field:-

1. Sir C.V. Raman award for Experimental Research in Physical Sciences.
2. Dr. Homi J. Bhabha award for research in applied Sciences.
3. Dr. Meghnad Saha Award for Research in Theoretical Sciences.

As per procedure suggested by the Committee appointed by the Commission to formulate the guidelines for making these awards, nominations were invited from Vice-Chancellors of Universities, various research institutions, national laboratories and other professional societies.

The Commission at its meeting held on 2nd and 3rd June, 1974 (vide item No.41) desired that the Chairman may appoint a committee for preliminary screening of the nominations and to suggest referees to whom the nominations may be referred for evaluation. It was also decided that the Jury to make final recommendations will be appointed by the Commission at a later stage.

As per above decision of the Commission, a Committee consisting of following members was appointed to scrutinize the nominations:

1. Professor A.R.V.Murthy, Indian Institute of Science, Bangalore.
2. Professor R.C. Mehrotra, Rajasthan University.

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3. Dr. Amarjit Singh, Member, University Grants Commission.
4. Professor M. Santappa, Member, University Grants Commission.
5. Professor G.N. Ramachandran, Indian Institute of Science, Bangalore.
6. Dr. A. Ramachandran, Secretary, Department of Science & Technology.
7. Dr. T.R. Anantharaman, Banaras Hindu University.

The meeting of the Committee was held on 13th August, 1974. The minutes of the meeting are given in Annexure. As suggested by the Committee the details of research activities etc. was collected from the nominees and was referred to the experts for evaluation. Out of the nominees recommended by the Committee Professor Jaikrishna, Vice-Chancellor, Roorkee University informed that he is not willing for consideration of his name for the award. The assessment reports from most of the referees have been received and the final selection is to be made by a Jury to be appointed by the Commission.

The matter is placed before the Commission for appointment of Jury to make final selection of names to whom these awards are to be made.

EO(SR)/Additional Secretary

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Minutes of the meeting of the Screening  
Committee for nominations received for  
awards under the Hari Om Ashram Trust.

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The meeting of the Screening Committee appointed to consider the nominations received from universities and other institutions for the Hari Om Ashram Trust award was held on 13th August, 1974. The following were present:-

1. Dr. George Jacob,  
Chairman,  
University Grants Commission.
2. Professor Satish Chandra,  
Vice-Chairman,  
University Grants Commission.
3. Professor B.M. Udgaonkar
4. Professor Rais Ahmed
5. Dr. A. Ramachandran
6. Professor B.D. Nag Chaudhary
7. Dr. Shankar Narayan
8. Shri A.G. Deshmukh

Professor M. Santappa, Professor G.N. Ramachandran who were unable to attend had sent their suggestions. Dr. Amarjit Singh, Professor R.C. Mehrotra and Professor A.R.V. Murthy were unable to attend.

The Committee scrutinised the nominations received for the three awards, namely; (1) Sir C.V. Raman award for Experimental Research in Physical Sciences, (2) Dr. Homi J. Bhabha award for research in Applied Sciences and (3) Dr. Meghnad Saha award for research in Theoretical Sciences. The Committee felt that besides the nominations received, the members of the Committee could also suggest other suitable names. In the case of the persons finally recommended by the Committee, detailed information with regard to the research work done etc. may be obtained, keeping in view the conditions regulating the awards. The persons may also be requested to indicate

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briefly the major contribution made by them and which could be considered as outstanding for purposes of these awards. The Committee noted that the information so received would be sent to two other experts in the subject and these experts would be requested to evaluate the work done, highlight the important contributions made by the persons and also provide a brief citation, which could be used by the Jury. The Committee was aware that since the persons to be nominated for the award would be themselves persons with outstanding contribution in the subject, it may become necessary to refer their work to referees from different age groups and also with different standing in the subject. It would, therefore, be appropriate that the Jury should be apprised of this position with regard to selection of referees so that the referee's comments and evaluation reports could be considered by the Jury in that context.

The Committee after scrutinising the nominations received and considering the other suggestions made by the members, recommended that the following persons be considered for the three awards. The names of the referees are also indicated against each of these nominations.

1. Sir C.V. Raman award for Experimental Research in Physical Sciences.

<u>Nomination recommended by Screening Committee</u>	<u>Names of Referees for evaluating the work</u>
i) Prof. G.N. Ramachandran Indian Institute of Science, Bangalore.	a) Dr. N.N. Saha Saha Institute, Calcutta. b) Dr. J. Siddiqui TIFR, Bombay.
ii) Prof. C.N.R. Rao, Indian Institute of Technology, Kanpur.	a) Prof. R.C. Paul Vice-Chancellor Panjab University b) Prof. A.B. Biswas Indian Institute of Technology, Bombay.

- iii) Prof. R.C. Mehrotra  
Rajasthan University  
Jaipur.
  - a) Prof. A.K. Majumdar  
Jadavpur University.
  - b) Prof. A.B. Biswas,  
Indian Institute of  
Technology, Bombay.
- iv) Dr. Devendra Lal  
Physical Research  
Laboratory, Ahmedabad.
  - a) Dr. Hari Narain  
N.G.R.I. Hyderabad.
  - b) Prof. V. Aswathanarayana  
Saugar University.
- v) Dr. R.R. Daniel  
TIFR, Bombay.
  - a) Dr. Vainu Bappu  
Kodaikanal Observatory
  - b) Dr. K.R. Ramanathan  
P.R.L. Ahmedabad.
- vi) Prof. P. Venkateswarulu  
Indian Institute of  
Technology, Kanpur.
  - a) Dr. N.A. Narasimhan  
B.A.R.C. Bombay
  - b) Dr. A.K. Saha  
Saha Institute,  
Calcutta.

2. Homi J. Bhabha award for Research  
in Applied Sciences.

- | <u>Nomination recommended</u><br><u>by Screening Committee</u> | <u>Names of referees for</u><br><u>evaluating the work</u>   |
|--|--|
| i) Prof. T.R. Anantharaman<br>Banaras Hindu University         | <ul style="list-style-type: none"> <li>a) Dr. Brahm Prakash<br/>S.S.T.C. Trivandrum</li> <li>b) Dr. Tamhankar<br/>Defence Res. Lab<br/>Hyderabad.</li> </ul>                             |
| ii) Dr. M.J. Thirumalachar<br>Hindustan Antibiotics,<br>Poona. | <ul style="list-style-type: none"> <li>a) Dr. J.V. Bhat,<br/>Indian Institute of<br/>Science, Bangalore.<br/>(now at Manipal)</li> <li>b) Dr. M.L. Dhar<br/>C.D.R.I. Lucknow.</li> </ul> |

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- iii) Dr. Ambasanakaran,  
B.A.R.C. Bombay
- a) Dr. A.P. Patro  
Saha Institute, Calcutta.
- b) Dr. A.K. Sridhar  
Defence Science Laboratory  
Delhi.
- iv) Dr. Govind Swarup  
TIFR, Bombay.
- a) Dr. Radhakrishana,  
Raman Institute,  
Bangalore.
- b) Dr. Indiresan,  
Indian Institute of  
Technology, Delhi.
- v) Prof. Jaikrishna  
Vice-Chancellor,  
Roorkee University.
- a) Dr. B.V. Ranganath  
Indian Institute of  
Science, Bangalore.
- b) Dr. B.K. Ramiah,  
Bangalore University  
(Engineering College)
- vi) Dr. G.S. Ramaswami  
S.E.R.C. Madras.
- a) Dr. Subba Rao  
Gamon India Ltd.  
Bombay.
- b) Dr. C.K. Ramesh  
Indian Institute of  
Technology, Bombay.

3. Meghnad Saha award for research  
in Theoretical Sciences.

- i) Prof. S.K. Joshi  
Roorkee University
- a) Dr. C. Majumdar  
T.I.F.R. Bombay.
- b) Prof. K.P. Sinha  
Indian Institute of  
Science, Bangalore.
- ii) Dr. Virendra Singh  
T.I.F.R. Bombay.
- a) Prof. S.N. Biswas  
Visva-Bharati.
- b) Dr. T. Pradhan  
Saha Institute,  
Calcutta.

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- iii) Dr. M.K. Pal  
Saha Institute,  
Calcutta.
  - iv) Prof. A.N. Mitra  
Delhi University
  - v) Prof. PM Mathew  
Madras University
- a) Dr. C.S. Warke  
T.I.F.R. Bombay
  - b) Dr. S. Pandya  
P.R.L. Ahmedabad.
  - a) Dr. G.S. Pandit  
T.F.I.R. Bombay
  - b) Prof. B.B. Deo  
Utkal University
  - a) Prof. N. Mukunda  
Indian Institute of  
Science, Bangalore.
  - b) Prof. Gyan Mohan  
Indian Institute of  
Technology, Kanpur.

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UNIVERSITY GRANTS COMMISSION

*Confidential*  
(45)

Meeting :

Dated : 9th & 10th ec. '74.

Item No.14 : To consider further the question of financial assistance towards introducing shorthand and typewriting classes in colleges affiliated to Delhi University.

The Commission at its meeting held on 5th April '72 had accepted in principle a proposal received from Shri Ram College of Commerce for starting Shorthand and Typewriting classes. The Commission had desired a note on the quantum and basis of assistance may be placed before it and the scheme extended to other colleges desiring to go in for it. Accordingly at its meeting held on 4th October 1972, the UGC considered a proposal received from Delhi University (Item No.8(ii) regarding basis of financial assistance towards non-recurring and recurring items of expenditure for introducing Shorthand and typewriting classes in the colleges affiliated to Delhi University.

For organising shorthand and typewriting classes for 100 students in batches of 50 each, a sum of Rs.21,300/- as non-recurring expenditure and an annual recurring expenditure for Rs.10,800/- with an expected income of Rs.1600/- from fees of students was indicated by the university for a college. Non-recurring expenditure was sought to be met by the UGC on 100% basis and the recurring expenditure was proposed to be treated as approved expenditure for purposes of maintenance grant after deducting the income from fees.

The Commission agreed to provide assistance to the colleges affiliated to Delhi University for introducing shorthand and typewriting classes and desired that the proposal of Shri Ram College of Commerce (considered by the Commission at its April 1972 meeting) be assessed in consultation with the Central Secretariate Training School, Delhi. The Commission also agreed to provide 75% of the approved expenditure for non-recurring items and as regards recurring expenditure to be treated on the same basis as other recurring expenditure for purposes of payment of maintenance grant. The Commission further decided that this may be brought to the notice of other universities and colleges.

Accordingly the views of the Institute of Secretariate Training and Management were sought by the Commission on this scheme (~~Annexure~~). The Institute of Secretariate Training and Management suggested that progress in acquiring skills in Shorthand and typewriting can be achieved and maintained only if a certain portion of time is regularly devoted everyday and as such holding classes on alternative days may not give the students the full benefit of training and one year duration may not also be adequate as proposed by the College and in the opinion of the Institute to

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acquire the necessary speed and skill in shorthand and type writing a minimum period of two years training with daily classes in shorthand is considered necessary.

To produce good graduates with stenographic qualifications and to avoid wastage, the Institute considers that only 50 graduates can be trained in stenography and typewriting in two years and the non-recurring expenditure has been estimated at Rs.21,360/- and recurring annual expenditure at Rs.9,000/-. The income from students has been shown as Rs.6,000/- suggesting that Rs.10 per month may be collected as fees from each student. Thus the excess annual expenditure over income has been estimated at Rs.3,000/- for organising shorthand and typewriting classes simultaneously. For training in typewriting only a minimum period of six months is considered necessary with daily classes of one hour and on this basis in an academic year 100 students can be trained by one teacher and the financial implications would be non-recurring expenditure Rs.20,360/- and the recurring annual expenditure Rs.9,000/- income from fees will be Rs.3,000/- @ Rs.5/- per month per student and the excess annual expenditure over income will be Rs.6,000/-.

The Delhi University has considered the above views of the Institute of Secretariate Training and Management and has agreed with the same. The University has sought Commission's approval for institution of these two courses in the colleges affiliated to Delhi University on the basis of the norms laid down by the Commission.

The Commission while considering the reply of the Delhi University had further wanted the university to indicate how the university has assessed the particular need of the community and by the training proposed how the university expects to meet that requirement. If the University has not made such an assessment, the Commission had further requested the University to make such an assessment in the first instance and then approach the Commission for assistance. The University has replied that it proposes to introduce the courses only in the colleges which have shown interest for introducing the scheme. It is difficult to assess the particular need of the community and how the training proposed is expected to meet that requirement. The University has indicated that it is generally clear that there is a great need for trained typists and stenographers and in fact the university is not finding it easy to recruit suitable stenographers. The university, has therefore, suggested that the U.G.C. may accept the proposal of at least a few of the colleges for the introduction of typing and shorthand classes without results of the assessment of the need of the community.

The matter is placed before the Commission for its consideration.

E.O.(CP)/Addl.Secy.



Institute of Secretariat Training and Management

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It is assumed that the students selected will be trained in both English Shorthand (Pitman system) and Typewriting, besides other subject which they will receive coaching during their graduation course. The advantage of choosing Pitman system of shorthand is that, apart from its wide popularity in our country and abroad, it can be easily adapted to the writing of Hindi shorthand also the 'standard system' approved by the Government of India.

Shorthand and Typewriting are special skills, where speed is involved, and naturally the training methods are to be different from those adopted for other subjects in arts and science.

First of all, a proper selection of the students who have shown interest in their study is called for preferably by holding a screening test to assess their language ability, aptitude, etc., as otherwise there is likely to be wastage of effort and money. This is mentioned because, not all who show enthusiasm in their study at the beginning, particularly of shorthand, do show the same degree of interest later, and quite a good number drop out because they find to their surprise that it is not quite so easy as they had imagined it to be. Shorthand requires daily class work and periodical revision; study at irregular intervals of time is of little value. Progress can be achieved and maintained only if a certain portion of time is regularly devoted to its study everyday. Therefore, it is doubtful whether holding of classes on alternative days will give them the full benefit of training and shape them into good writers within a period of one year as mentioned in the letter dated 6th September, 1972 from Lady Shri Ram College for Women.

The University colleges do not work normally for more than 150 to 160 days in a year, which means 160 hours in a year, at the rate of one-hour period per working day. It is not possible within this time to acquire the necessary speed and skill in the twin subjects and be in a position to take an examination:-

- a) in shorthand at 80 w.p.m. (this is the minimum speed prescribed by an examining authority) and transcribe their shorthand notes on the typewriter with sufficient accuracy and speed;
- b) in typewriting at a speed of 20 w.p.m. a paper or tabular work and also typing from corrected handwritten manuscript; and

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c) a theory paper in shorthand typewriting.

The fact that they have to study other subjects also, in addition to shorthand and typewriting, and therefore, their time is divided between the two, will have to be kept in mind in this context.

In the light of what has been explained above, it is felt that a minimum period of 2 years' training, with daily classes in shorthand, is considered necessary. Laying down this standard may help to produce good graduates with stenographic qualifications and avoidance of wastage. On this basis, in a class with 10 typewriters and a teachers working daily for 5 hours (this period of daily class work is assumed for the purpose of considering the proposal in the p.u.c., though it is too much to ask a shorthand teachers to work for more than 4 hours per day) only 50 graduates can be trained in stenography and typewriting in 2 years. The financial implications are worked out below:-

A.	I.	<u>Estimated non-recurring expenditure:</u>	
i.		10 typewriters of 11" carriage @ Rs.1,800/- each	18,000
ii.		10 Rexin typewriter covers with wollen pads to keep the typewriter on @ Rs.6/- each	60
iii.		10 wooden typewriting tables @ Rs.70/- each	700
iv.		10 chairs @ Rs.40/- each, with back, but without arms	400
v.		One table and one chair for the instructor	200
vi.		2 steel almirahs Rs.800/- each	1,600
vii.		Books	300
viii.		A blackboard of size 8'x5' with lines drawn for shorthand writing.	100

Total:

21,360

This works out to an investment of Rs. 427/- per student taking that 50 students are being trained at a time. It is also assumed that the students will provide themselves with the necessary text-books and stationary materials required for their class and home work.

II. Estimated annual recurring expenditure:

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<u>Expenditure</u>		<u>Income</u>
i. Instructor's emoluments @ Rs.600/-p.m.	Rs.7200	Fees from 50 students, @ 10/- p.m. for both shorthand and typewriting
ii. Chowkidar-cum-cleaner @ Rs.50/- p.m.	600	
iii. Servicing charges @ Rs.5/- per machine per month	600	
iv. Spares and accessories @ Rs.5/- per machine per month.	600	
Total:	9,000	6,000

Excess of expenditure over income is Rs. 3,000/- i.e. Rs.250/- p.m. Net training expenditure per student is Rs.5/- p.m. Training in Typewriting only. A minimum period of six months is necessary with daily classes of one hour to train a student in typewriting. On this basis, 50 students can be trained at one time, with 5 classes, each class consisting of 10 students. So, in an academic year, 100 students can be trained by one teacher. The financial implications are shown below:-

B. I. Estimated non-recurring expenditure:

i.	10 typewriters of 11" carriage @ Rs. 1,800 each	Rs. 18,000
ii.	10 Rexin typewriter covers with wollen pads to keep the typewriters on, @ Rs.6/- each.	Rs. 60
iii.	10 wooden typewriting tables @ Rs. 70/-each	Rs. 700
iv.	10 chairs @ Rs.40/- each, with back, but without arms	Rs. 400
v.	One table and one chair for the instructor	Rs. 200
vi.	One steel almirah	Rs. 800
vii.	Books	Rs. 100
viii.	A blackboard of size 8'x5'	Rs. 100
		<u>Rs. 20,360</u>

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This works out to an investment of Rs.407/- per student (taking that 50 students are being trained at a time)

II. Estimated annual recurring expenditure:

<u>Expenditure</u>	<u>Income</u>
Rs. 9,000/- (same as A.II above)	Fees @ Rs.5/- p.m. per student, 50 students in each session, two sessions in a year.
Rs. 9,000/-	Rs. 3000/-

Excess of expenditure over income is Rs.6,000/- i.e., Rs. 500/- p.m. or Rs. 5/- p.m. per student.

Whether the training is given in typewriting only, or in both, the training expenditure per student, on the above basis, works out to be the same, viz. Rs.5/- p.m. Once the typewriters are made available, it is advisable to train them in both the subjects, provided the students are fit to receive that training. This arrangement will help not only in meeting the great shortage of good stenographers felt at present everywhere, but in helping the young graduates to start their career on a decent salary soon after their graduation at a time when there is great unemployment in the country.

UNIVERSITY GRANTS COMMISSION

*Confidential*  
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Meeting :  
Dated : 9th & 10th Dec. '74.

Item No.15 : To consider further the question of pattern of Education namely 10+2+3.

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At its meeting held on 18th April 1974 (Item No.14), the Commission had considered a note on the uniform pattern of school and colleges classes, and at its meeting held on 7th May 1974, the Commission generally endorsed the pattern of education viz. 10+2+3 as suggested by the Central Advisory Board of Education and as endorsed by the Advisory Committee of Vice-Chancellors at its meeting held on 30th January 1974. The Commission was further of the view that where students were not desirous of pursuing the postgraduate courses, the pattern of education may vary as considered necessary. The views of the Commission have also been brought to the notice of the universities in this connection.

There has been subsequent re-thinking in this respect. In the course of discussions that have been taken place about the adoption of the uniform pattern of 10+2+3 in the country by the task forces of the Planning Commission and the Central Advisory Board of Education a certain general consensus has emerged on the main features of the pattern. This was indicated at the meeting of the Central Advisory Board of Education held on 5th and 6th October 1974, as below :

"(1) The school stage should necessarily cover a period of 12 years and should preferably be divided into 10+2.

(2) At the undergraduate stage, we may have a Pass Courses of two years and an Honours Course of three years. This will have several advantages. In the first place, it will not mean an addition of one year for every student in those States where the First Degree is now obtained in a period of 14 years. It will thus reduce the cost involved very substantially. Even in the States where the B.A. degree is now obtained in a period of 15 years, this will make it possible for a large number of students to get their First Degree after 14 years, and this will save considerable cost as well as time. Moreover, the introduction of the Honours Courses for three years will make it possible to isolate the more competent and better motivated students from the others and help in raising standards, especially at the postgraduate stage.

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(3) It should be open to all students who have taken the First Degree in the Pass Course to appear for the First degree in the Honours Course at any time.

(4) Postgraduate course should cover a period of two years after the Honours degree.

(5) The research degree should take three or more years after the Master's degree."

The progress made in the implementation of this pattern in the different States is as below :-

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Andhra Pradesh, Gujarat, Karnataka, Kerala, Maharashtra and West Bengal have adopted new pattern of 10+2+3 and have also introduced the new syllabii associated with it. The State of Jammu & Kashmir have also decided to adopt the new syllabus from the academic session 1975-76. In the discussions held at the Central Advisory Board of Education, it was hoped that the remaining States would also take necessary action so that the pattern of 10+2+3 will be implemented by all States by the end of Fifth Five Year Plan so that the various educational objectives connected therewith could be achieved. The position obtaining in the States which have not implemented/decided to implement the pattern of education is given in Annexure

The matter is placed before the Commission for its consideration.

EO(CP)

Duration of Courses

Name of State/Territory	Secondary Stage	PUC/Intermediate	Firs Degree
1. Andhra Pradesh	10	2	3
2. Arunachal Pradesh	11 12	2	3
3. Assam	10	3	3
4. Gujarat	11	1	3
5. Haryana	10 11	1	3 3
6. Himachal Pradesh	10 11	1	3 3
7. Kerala	10	2	3
8. Madhya Pradesh	11	-	3
9. Mizoram	12	2	2
10. Mysore	10	2	3
11. Orissa *	11 11	2 1	2 3
12. Panjab	10 11	1	3 3
13. Rajasthan	11	-	3
14. Tamilnadu	11	1	3
15. Uttar Pradesh	12 including Intermediate	-	2
16. West Bengal	10	2	3
<u>UNION TERRITORIES</u>			
17. Andaman & Nicobar	11	-	3
18. Chandigarh Administration	11	-	3
19. Delhi Administration	11	-	3
20. Pondicherry	11	1	3

\* Utkal & Berhampur have reverted to old pattern of 2-years intermediate and 2-years degree (Pass or Honours) from 1972-73 and Sambalpur from 1973-74.

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University Grants Commission

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Meeting :

Dated : 9th & 10th December 1974

Item No. 17: To consider the work plan for Faculty Improvement Programme.

The Commission at its meeting held on 7th October 1974 while generally agreeing with the recommendations made by the Committee constituted by the Commission for formulating guidelines for implementation of the faculty improvement programme, desired that a concrete work-plan may be prepared and placed before the Commission. The faculty improvement programme would consist of the following activities.

- I University Leadership Projects under the College Science Improvement Programme and College Humanities and Social Sciences Improvement Programme.
- II Refresher Courses/Short-term Institutes.
- III Teacher Fellowships
- IV National Associateships.

Details regarding the scope of each of these activities during the Fifth Plan Period are given below :

I University Leaderships Projects

The College Science Improvement Programme (COSIP) which was initiated during the Fourth Plan period has been mainly directed towards improvement of undergraduate science education and has, as its important component, provision for improvement of teachers' competence, qualifications and other opportunities for the teachers to improve their teaching methods. Presently, about 25 university Leadership Projects have been approved and are active,

The Standing Committee for the College Science Improvement Programme, which has evaluated this part of the COSIP has felt that the University Leadership Project has been able to make a distinct contribution towards improvement of the teachers in the Colleges and to make available to them the necessary curriculum and other material required for better teaching and has also been able to establish a meaningful channel of communication between university and college teachers. The Standing Committee has, therefore, suggested that the Commission could consider extending this programme further during the Fifth Plan period.



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It is proposed that during the Fifth Plan period, every university which has more than 25 affiliated colleges providing undergraduate courses may be invited to take up a University Leadership Project in each of the major subjects so that the instructional facilities and methods in the colleges could be improved in relation to the courses evaluated by each university and the college teachers being provided with a variety of opportunities to improve their competence as teachers. On this basis, it is expected that about 40 additional University Leadership projects would be initiated in science subjects and a similar number in the humanities and social science subjects during the Fifth Plan period. The adequacy of this number could be reviewed during the course of the Fifth Plan period. The present number would enable at least 10 University Leadership Projects to be initiated in each of these two groups annually for the next four years. Since each of the U.L.Ps would be for a period of three years and the average cost for a science subject University Leadership Project would be about Rs. 10 lakhs and in the case of the humanities and social science subjects, the average expenditure per U.L.P would be about Rs. 6 lakhs for a three year period, the estimated expenditure for this purpose would be about Rs. 6.40 crores.

## II Refresher Courses/Short-term 'Institutes'

These Institutes would be generally in the nature of the Summer Institutes so far organised by the Commission, but the universities would be enabled to organise such institutes at any time convenient to them throughout the year, preferably during the vacations. These institutes/refresher courses may be of four types :

(a) University/State based institutes generally of six weeks duration. It is proposed that each university or a group of universities within a State having affiliated colleges may be assisted to organise each year at least one institute each in a science subject and in a social science subject, depending upon the number of teachers and the colleges to be covered. Since the number of teachers and the number of affiliated colleges in the different universities and States would vary considerably, it is proposed that provision may be made as follows in determining the number of institutes to be held each year :

- (i) one institute each in science subjects and social science subjects, if the total number of teachers in the subject concerned is less than 150;

- (ii) two institutes each in science subjects and social science subjects; if the number of teachers in the subject concerned is between 150 and 400;
- (iii) three institutes each in science subjects and social science subjects, if the number of teachers is over 400.

On this basis, it is estimated that each year about 75 to 80 Institutes would be held each in (a) science subjects and (b) humanities and social science subjects.

Each such institute of about six weeks' duration may have 50 college teachers as participants. The expenditure per institute may be about Rs.35,000/- i.e. Rs. 52,50,000 p.a.

(b) Refresher Course/Institutes through Correspondence Method.

The programme is intended mainly for the undergraduate college teachers for raising their qualifications and to give them subject-matter competence through correspondence course so as to enable them to become better teachers. The programme envisages a one-year course through correspondence covered in eight semesters and one independent project.

The correspondence course may be organised in inter university collaboration basis in each State. The course material to be sent to the participating teachers may be prepared by combined efforts of the subject departments concerned in the State/the universities. But the responsibility of coordinating the work to cover the entire population of college teachers in that subject in the State would be entrusted to one of the departments of the collaborating universities in the State.

Besides the provision of courses through correspondence, over one academic year, the participating teachers may be required to have about 2-4 weeks' contact classes and laboratory work in the form of a short-term institute to be organised by each of the participating departments of the universities in the State for the benefit of the teachers coming from the colleges affiliated to that particular university. The programme of Faculty Improvement through correspondence courses may be viable in such subjects where the number of teachers to be covered is 250 or more in a particular State. The universities may organise correspondence courses for one year or in a sequential manner covering 1-3 years depending upon

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its convenience and the facilities available. The contact programme of 2-4 weeks would provide the college teachers a forum for discussing their difficulties and for additional seminars, lectures and practical work.

The estimated expenditure on preparation of course materials etc. to be sent to the participating teachers may be about Rs. 5,000/- in a particular subject and the expenditure for the organisation of a contact class of 2-4 weeks' duration may vary from Rs. 15,000 to Rs. 25,000.

(c) All India Advance Level Institutes

The All-India Advanced Level Institutes would enable teachers from universities/colleges from different regions to avail themselves of the opportunities for getting acquainted with the latest developments in the subject concerned through lectures, seminars, discussions and possibly through project work. One or two such All India Advanced Level Institutes may be organised in each major subject annually. It would be desirable for a college teacher to participate at an advanced level institute after he has attended at least one institute organised in his State by his University. The total number of participants in an all India advanced level institute may be limited to 50 and the duration may be about six weeks. The participants from university departments in such all India advanced level institutes should not exceed 25 per cent and such university teachers may or may not have attended summer institutes etc. earlier. The location of the all India advanced level institutes can be determined on a regional basis to be organised in universities (affiliating or unitary), IITs and other institutions of National importance.

About ten such advanced level institutes of six weeks' duration may be organised annually in science subjects and an equal number in Humanities including Social Sciences. The organisation of an advanced level institute of six weeks' duration may involve an expenditure of Rs. 60,000 to Rs. 70,000.

(d) About ten Institutes in English Language Teaching may be organised each year for the benefit of teachers of English in the colleges. The English Language Institutes may be of 6-8 weeks' duration to be located in different regions so as to cover as many college teachers as possible region-wise. Out of ten such institutes to be organised in each year, 2-3 may be of an advanced level on an All India basis for specialised purpose. The estimated cost for each regional institute may be about Rs. 30,000 to Rs. 35,000 and that of an all India advanced level institute about Rs. 60,000 to Rs. 70,000.

### III Teacher Fellowships

Teacher Fellowships are specifically meant to provide opportunities for teachers to work towards either an M. Phil. or M.Litt. or a Ph.D. degree. Accordingly, the teacher fellowships may be of two types :

- (a) short term fellowship of one year's duration; and
- (b) long term fellowship of a duration not exceeding 3 years.

The persons selected for long term teacher fellowships should preferably be below the age of 35 years so that the benefit of their training would be available for a long duration. In the case of short term fellowships of one year duration, preference may be given to teachers who are below the age of 45 years. Such teachers for either the long term or short fellowships should be sponsored by the colleges, which should protect their total emoluments for the period of their study leave and also give them necessary increments as due and give an undertaking that such teachers would be taken back to their substantive posts without affecting their seniority etc. The teachers may be required to give an undertaking to serve such institution for a period of at least five years on their return to the college. Similarly, in the case of teachers nominated for one year teacher fellowships, the college should give the same terms as for long term teacher fellowships. The teacher may be required to give an undertaking that he would serve the institution for a minimum period of three years on his return to his substantive post. In either case, the UGC would provide funds to the college concerned for appointing suitable substitutes in place of teachers nominated for these fellowships. The Commission would also provide to the teacher concerned a living expense allowance of Rs. 250 per month, provided the teacher undertakes to utilise the fellowship in a university not located in his place of duty. For both these categories of fellowships, a number of university departments and other research institutions should be recognised as approved institutions. The number of teacher fellowships either long term or short term to be accepted by any one of the designated departments should not exceed five at any given time and the number of such departments to be identified for the purpose would be about 50 covering all subjects. The selection of the teachers would be made by the departments concerned on the basis of the nominations to be received by them. Such departments may be assisted with a contingency grant of Rs. 1,000 to Rs. 2,000 per annum per teacher fellowship.

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#### IV National Associateships

The present scheme of national associateships provides for 200 persons to be maintained on the roll of national associateships for a period of five years and provide for each national associate an opportunity of visiting other institutes upto three times, each visit of a duration not exceeding three months. This may be continued and depending upon the value of this programme, the possibility of increasing this number could be considered in due course.

It is suggested that in addition to this, long term national associateship programme, it may be desirable to introduce short term national associateship programme wherein teachers may be selected for a single visit during a year to work in any of the universities/research institutions having specialised facilities connected with their research work over a period of 8 to 12 weeks.

It is proposed that annually 100 such associateships may be awarded and the fellows be required to complete their visit within a period of 12 months from the date of selection. The other requirements of the short term national associateship programme would be the same as in the case of the present national associateship programme.

#### V. Seminars, Symposia, Workshops, Conferences, etc.

These are proposed to be continued for enabling academic meeting on an all India basis or regional basis for specified purposes. The selection of such institutes would be made, as at present, with the help of an advisory committee once a year prior to the beginning of the academic year. The seminars and workshops etc. should not be of less than one week's duration and not more than two weeks duration. The duration in respect of conferences etc. would however vary.

#### Operational Procedure

The programmes stated above have been suggested to provide to the teachers in colleges a wide variety of opportunities for improving their qualifications and competence and for the exchange of ideas through group discussions. The organisation of an all India advanced level institute

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in English Language Teachings, seminars, symposia, conferences and national associateship will be the responsibility to be taken up centrally. In the implementation of programmes like University Leadership Projects, Teacher Fellowships (after identification of the departments/universities) efforts would be made to decentralise the organisational aspects giving considerable autonomy to each university. The university concerned would be required to set-up a suitable machinery for coordinating the organisation of various types of programmes under Faculty Improvement.

The matter is placed before the Commission for consideration.

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Estimated cost for programmes suggested under Item No. 17

Programme	Estimated cost	
	Cost p.a.	Cost for 4 years
	(Figures in crores)	
1 University Leadership Project (80 additional projects to be supported during the Fifth Plan (4 years) @ Rs. 5-6 lakhs per project)	1.00	4.00
2 Refresher course/short-term institutes (university/state based - 160 in all for six weeks each at Rs. 35,000/- per institute.	0.26	1.04
3 Refresher Course/Institute through correspondence method in ten major subjects, statewide (18 States having 2,894 Arts, Commerce and Science Colleges). 100 correspondence course centres with 2 weeks contact classes each year at Rs. 30,000/-	0.30	1.20
4 All India Advanced Level Institutes for six weeks each - 10 such @ Rs. 70,000	0.70	2.80
5 English Language Teaching Institutes of six weeks' duration - 10 such institutes @ Rs. 70,000/-	0.70	2.80
6 (a) Teacher Fellowship @ Rs. 250/- p.m. as living allowance for 1-3 years. 250 such Teacher Fellowships to be awarded annually (at 50 centres each having five fellowships.		
Contingent grant of Rs. 2,000 per annum per teacher fellowship.		3.00
(b) Salary of substitutes for the teacher fellows.		
7 National Associateships - 100 such for one year with provision of visits to specialised laboratories/institutions for research work over a period of 8-12 weeks @ Rs. 3,000 per head per annum (Rs. 2,000 for living expenses for four months + Rs. 1000 as T.A.)	0.03	0.12
8 Seminar, symposia, conference etc. - 100 such each year at Rs. 30,000	0.03	0.12
Total		Rs. 15.08 crores
		Say Rs. 15 crores

UNIVERSITY GRANTS COMMISSION

Meeting : ~~1974~~

Dated: 9th & 10th Dec., 1974

Item No. 18: To consider the recommendations made by the panels in the humanities and social sciences at their meetings held in September/October 1974.

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The panels in the humanities and social sciences met for the second time in September/October 1974. Reports prepared by the convenors of panels on Linguistics, History, Sociology, Law, Economics, Political Science and Psychology have been received. The report of the convenor of the Philosophy panel is awaited.

The main recommendations made by the panels are given below :

- 1) Regional seminars/colloquia may be organised at different places in the country on zonal basis to consider the question of updating the syllabi at under-graduate and postgraduate levels.

....History, Political Science, & Economics Panel

- 2) The question of developing museums and providing audio-visual aids to the department of History/Archaeology may be given high priority during the current plan period and the universities may be advised to include such proposals in their V Plan development schemes.

....History Panel

- 3) To promote studies in the history of Science, assistance for appointment of a Reader/Lecturer and for books and journals may be provided by the Commission to about four universities, to be selected on regional basis, outside the plan allocation. The teaching of history of science may be introduced at M.A. level by providing one or two optional papers in History of Western/Indian Science.

...History Panel

- 4) A separate panel for social work may be constituted by the Commission and the present panel on sociology and Social Works may be called panel on Sociology and Social Anthropology.

...Sociology Panel

- 5) Short-term courses of 8-10 weeks duration should be organised as part of improvement of training of college

contd....



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teachers. Running of these courses should be entrusted to the centres of advanced study in Economics and Institutes recognised by the ICSSR. Assistance should be given to these Institutes and Centres towards staff and equipment to enable them to run about three courses a year.

...Economics Panel

- 6) Suitable text-books at the undergraduate level, and reading materials mainly for B.A.(Hons) & M.A. students should be prepared. Reading material should supplement the text-books ~~on a priority basis~~ particularly where more recent developments in the subject and enough Indian data and illustrations, are concerned. The concerned Universities should be encouraged to prepare schemes for preparation of text-books on economics of the region in which they are situated and undertake them with the Commission's support.

...Economics Panel

- 7) In addition to the publication grants provided by the Commission to the universities, some universities may be given special assistance to publish the most distinctive doctoral dissertations and other research materials in a particular subjects. For example, the University of Bombay may specialise in publication of research materials in Economics. For this purpose, the University should set up a broad-based Publications Board of experts in the subject, including a nominee of the University Grants Commission.

...Economics Panel

- 8) The L.L.B. course should be of three years' duration with practical training integrated into it. Institutions imparting legal education may not generally be encouraged to start Masters Degree course in Law. Only in exceptional cases where all the conditions as indicated in the proceedings of the Poona Conference on Legal Education have been fulfilled by the universities, the question of permitting it to start L.L.M. course be considered. L.L.M. education should be offered to whole time students only and it is undesirable to impart L.L.M. education to part-time students. Whole time L.L.M. students should be provided with adequate financial assistance and for this purpose this course should be equated with the M.Phil. course. L.L.M. course must have substantial research content.

...Law Panel

contd.....

- 9) Proposals for introducing innovations in examination system should also be invited from the university Law Departments and the Law Colleges and the Commission may provide assistance to a few best institutions for introducing examination reforms.

....Law Panel

- 10) A committee to evaluate the present position of teaching and research in modern Indian Languages may be set up and at least one member of the panel on Linguistics may be associated with the work of this Committee. The Committee may examine the possibility of starting linguistics courses based on the commonality of ideas, theme and terminology in various Indian Languages and consider the development of studies in Linguistics as part of the courses in Language and literature.

Another Committee may be set up to review the present position of teaching and research in English and foreign languages

A one-man committee to review the present position of teaching and research in each of the classical languages like Arabic/Persian and Sanskrit may be set up by the Commission. The Arabic and Persian Committee may be headed by Professor Nazir Ahmed of Aligarh Muslim University and the other Committee for Sanskrit and allied languages, may be headed by Professor T.G. Menkar of Bombay University.

...Linguistics Panel

- 11) A grant of Rs.2.77 lakhs may be approved for the research projects of 12 teachers as per details given in Appendix-I under the UGC Scheme of support for advanced research in the humanities and social sciences. Panel-wise details of proposals received, amount recommended etc. are given below :

S.No.	Panel	No. of proposals received	No. of proposals recommended	Total amount recommended	Proposals under consideration	Proposals not accepted	Remarks
1	2	3	4	5	6	7	8
1.	Philosophy	7	2	9000/-	1	4	
2.	Psychology	20	-	-	9	10	The proposal of Dr. Rath accepted in Principle.

contd...

(56)

1	2	3	4	5	6	7	8
3.	History	22	-	-	22	-	
4.	Linguistics	46	5	1,30,000/-	12	27	One accepted and short-term projects and one to be considered under book writing project.
5.	Sociology	13	1	12,000/-	8	3	The proposal of Dr.S.N.Havade accepted in principle
6.	Economics	26	2	1,01,000/-	14	10	
7.	Po.Science	9	1	20,000/-	1	5	One proposals accepted in Principle
8.	Law	3	1	5,000/-	1	1	
		146	12	2,77,000/-	68	60	

Note: Assistance has been recommended for appointment of Research Assistant, clerical Assistance, Books F.W., Stationery etc, in all cases, Only in one case (S.No.8 pt.1) assistance has been recommended for organising a workshop which is not covered under rules.

(12) A grant of Rs.3,04,150/- has been recommended for the research projects of 126 university and college teachers as per details given in Appendix-II under the scheme of financial assistance to teachers for short-term projects in the humanities and social sciences. Panel-wise details of applications received and amount recommended etc. are given below:-

S.No.	Panel	Applications received	Number of teachers recommended	% of teachers recommended	Total amount recommended	Average amount per awardee.
1	2	3	4	5	6	7
1.	Law	8	2	25%	6000/-	3000/-
2.	Pol.Science	48	15	30%	41000/-	2740/-
3.	Economics	83	29	35%	75650/-	2607/-

1	2	3	4	5	6	7
1. Sociology	22	13	59%	31000/-	2385/-	
2. Linguistics	199	30	15%	56300/-	1875/-	
6. History	57	7*	12%	17600/-	2514/-	
7. Psychology	70	27	38%	72600/-	2689/-	
8. Philosophy	7	3	45%	4000/-	1333/-	
	494	126		30,4,150/-		

\* 31 proposals will be considered at the next meeting of the panel.

The reports of 7 panels viz. Political Science, Economics, Sociology, Linguistics, History, Psychology and law are attached (Appendix ~~IX~~ IX)

The matter is placed before the Commission for ~~consideration~~ consideration.

Projects recommended by the Panels for assistance under the scheme 'Support for Advanced Research.

Sl No.	Name & Designation of the Investigator.	Title of the proposed work/duration	Financial assistance recommended
<u>SUBJECT - LAW</u>			
1.	Mr. M.Ghouse, Prof. of Law, S.V. University	Ceiling on agricultural property in Andhra Pradesh	Books, Journals F.W. Cont. 5,000/-
<u>POLITICAL SCIENCE/PUBLIC ADMINISTRATION</u>			
2.	Dr. G.A. Perumal, Prof. & Head of Pol. Science Deptt. Madras Univ.	Socio-political ideas of periar E.V. Ramaswami Naicker (2 years)	1 Res. Asstt. F.W. Books & Journals other exps. 20,000/-
<u>ECONOMICS</u>			
3.	Dr. C.D. Singh, Prof. & Head of Commerce, Bhagalpur Univ.	The impact of bank financing of agriculture in the Distt. of Bhagalpur (1½ years)	Res. Asstt. 1 Investigator 4 Steno-Typist F.W. Questionnaire 45,000/-
4.	Dr. M. Sebastian, Prof. & Head of Economics St. Joseph's College Tiruchirappalli	Correlation between prices & production in agriculture in the districts of Tanjore, Tiruchi & Pudukkottai of Tamilnadu (3 years)	Clerical Assistance T/FW other exps. Books & Journals Stat & Postage Prt. of questionnaire equipment others 56,000/-
<u>SOCIOLOGY</u>			
5.	Dr. S.R. Choudhury, Principal, Marwari College, Bhagalpur	The socio-economic condition of workers employed in the Tassar, Silk & Dyeing Industry of Bhagalpur City in Bihar (2 years)	2 Investigators Stationery Equipment Books Printing of questionnaire 12,000/-

(59)

1. 2. 3. 4. 5.

SANSKRIT

6. Dr. E.R. Sreekrishna  
Sarma,  
Prof. & Head of Sanskrit  
Deptt. S.V. Univ. Samkara Kosa. Books, Journals, 25,000/-  
1 Res.Asstt.

ORIIYA

7. Dr. G.C. Misra,  
Prof. & Head of the  
Deptt. of Oriya,  
Sambalpur Univ. Bibliography of Oriya 1 Res.Asstt. 10,000/-  
periodicals of one hundred Books  
years 1850-1950) and its Journals  
socio-cultural impact on F.W.  
Orissa (2 years)

LINGUISTICS

8. Karumuri V.  
Subbarao,  
Reader in Ling.  
Delhi Univ. India as a Lingui- Resch.Asstt. 65,000/-  
stics Area-study in  
linguistics and Work shop  
sociolinguistic Travel & Hospit  
typology (3 years) Honorarium  
Miscs. conti-  
gency head

9. Dr. R. Sudarshanam  
Assoc.Prof. of  
English & Head  
of Ling. Deptt.  
Agril. Univ.  
Tamil Nadu A comprehensive study  
of the linguistic  
Treatment of Message  
in oral and written  
communication in Tamil  
by scientists by AIR  
TV and print for  
purposes of extension  
education and formal  
education (3 years) 1 Res.A. 10,000/-  
F.W.  
Books &  
Journals.

HINDI

10. Prof. S.T. Narasi-  
mchhari Head of Deptt.  
of Hindi, S.V. Univ. Encyclohaedis of 1 Res. Asstt. 20,000/-  
Western literary  
Terms in Hindi Books Journals  
Stat.Misc.

SANSKRIT



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Teachers recommended by the Panels for second award during 1974-75 under the UGC Scheme of Financial Assistance to the Teachers in the Universities and Colleges for undertaking Short Term projects in the Humanities and Social Sciences.

Sl. No.	Name and Designation of the Teachers	Title of approved work	Amount Recommended	Purpose	% of grant recommended to the dem- and made by the Teacher	Remarks
1	2	3	4	5	6	7
<u>LAW</u>						
1.	Sh.S.S. Singh 27 years Lecturer T.R.S.Govt. College, Rowa (A.P. Univ.)	The law of interven- tion with special reference to Bangla- desh (for Ph.D.)	2,500/-	Books Journals & F.W.	40%	
2.	Shri K.S. Rao, 33 years, Lecturer Evening College of Law, Hyderabad (Osmania Univ.)	Application of the rules of natural justice in disci- plinary proceedings against students	3,500/-	Books & F.W.	75%	
<u>POLITICAL SCIENCE</u>						
3.	Sh. Moin Shakir 32 years Lecturer Marathwada Univ.	Political outlook of the student leaders of Marathwada	2,000/-	F. Work & Questionnaire	100%	
4.	Dr. Kedar Nath Agrawal, Lecturer K.S. Saket P.G. College, Faizabad (Gorakhpur Univ)	Centre State Relation - Legislative and Administrative set up in 2 or 3 States under presidents rule - A case study (1956)	5,000/-	Books & F. Work & Comp. Work	100%	
5.	Sh. S. N. Darye 25 years Lecturer S.B. College of Arts & Commerce, Aurangabad (Marathwada Univ)	Politics of Marathwada : A study of Political development from 1948-1972 (for Ph.D.)	1,500/-	Books, F. Work	50%	



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1	2	3	4	5	6	7
6.	Sh. R. N. Mishra, Lecturer Rajendra College, Bclargir (Sambalpur Univ)	The patterns of political Development of Orissa since 1952	2,000/-	Books F. Work	100%	
7.	Dr. M. M. Rahman, Lecturer Silver Jubilee Govt. College, Kurnool (S.V. Univ)	Regionalism and caste in Indian politics - A case study of Andhra Pradesh	5,000/-	Books F. W. questionnaire	100%	
8.	Sh. Vinod Sethi Lecturer, ARSD College, Delhi (Delhi University)	Judicial attitude towards the freedom of the press (for Ph.D.)	2,000/-	Books & Journals & FW	40%	
9.	Sh. S. K. Sharma, Lecturer, PGDAV College Delhi (Delhi University)	Changing political structure in a district (for Ph.D.)	3,000/-	Books & FW	35%	
10.	Sh. N. D. Mridendra Lecturer, Dibrugarh University	Organisation and working of the education deptt. in Assam (1921-1937) A study of its decision making process	2,000/-	Books F. Works.	100%	
11.	Sh. Gopal Singh Asstt. Prof. Himachal Pradesh University	Etiology of Political violence: a case study of Gujarat & Bihar (comparative)	2,000/-	Field work	40%	
<u>PUBLIC ADMINISTRATION</u>						
12.	Sh. S. R. Kakade Lecturer, SRF College, Ambajogai (Maharashtra)	Difficulties of Sch. Castes in the integration of our Society	5,000/-	Books F. W. Comp.	100%	
13.	Sri K. Murli Manohar Lecturer, KMM Arts & Sc. College, Warangal, (Osmania Univ)	Municipal administration in Andhra Pradesh - A case study of Warangal Municipality	2,500/-	F. Work & Books	55%	

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1 ..... 2 ..... 3 ..... 4 ..... 5 ..... 6 ..... 7 .....

14. Dr. Ravindra Sharma, Lecturer, Rajasthan Univ. Recruitment training and promotion of village level workers in Rajasthan 2,000/- Books & Journals F.W. and questionnaire 80%

LIBRARY SCIENCE

15. Sh. N.B. Pargannaya Lecturer, Mysore University Provision and utilisation of library facilities by the students and teachers in colleges in South Kanara Dist. in Karnataka State. 2,500/- Questionnaire & F.W. 50%

16. Miss K. Nevalari Reader, Punjabi Univ. College Library standards in the Punjab 2,500/- Books & Journals Questionnaire & F.W. 50%

JOURNALISM

17. Sh. S.R. Jagzap, Lecturer, Poona Univ. Role of P.F. in Community Development 2,000/- F.W. and Questionnaire 100%

COMMERCE

18. Sh. Mossa A Baker, Lecturer, Calicut Univ. Role of small scale industries in the economic development of Kerala (for Ph.D) 5,000/- Books F.Work & Comp.Work 75%

19. Sh. V.S. Agrawal Lecturer, Jodhpur Univ. Financial management in mgt. small industries a study in working capital management with special reference to industrial estates in Rajasthan (for Ph.D.) 1,500/- Books, F.Work 100%

20. Sh. R.K. Tandon, Associate Prof. of Business Punjab Agril. University Marketing innovations in selected companies (for Ph.D.) 3,000/- F.W. 100%

21. Sh. P. Marali, Lecturer, S.V. Univ. College, Tripurati Financial Management in cooperative and private sugar Mills in Andhra Pradesh (for Ph.D.) 3,000/- Books, F.Work 62%



1	2	3	4	5	6	7
22.	Sh. J. D. Singh, Lecturer, Bhagat Singh, College, Delhi.	Marketing planning a comparative study of public and private sector in India, (for Ph.D.)	3000/-	Books Journals Questionnaire	60%	
23.	Sh. V. Kumar, Lecturer, S.R. College of Commerce, Delhi	Inter-corporate investments in India, (for Ph.D.)	1,500/-	F. Work Questionnaire	100%	Company Law Books for other relevant literature
24.	Sh. H. V. Joshi, Lecturer, Kanya Mahavidyalya Sangli, (Shivaji Univ)	Managerial problems of engineering small-scale industrial units in Sangli Dist.	1,150/-	F. Work & Questionnaire	100%	
25.	Sh. R. N. Misra, Principal, College of Accountancy and Management Studies, Cuttack, (Utkal University)	Problems of rural industrialisation in the small scale sector in Orissa - a study of pilot project companies & Panchayat sector industries (for Ph.D.)	5,000/-	Books & F.W.	66%	
26.	Sh. A. G. Patrudu Lecturer, Ravishaw College, Cuttack (Utkal University)	Developments in disclosures of information in published statement	1,000/-	F.W.	25%	
27.	Sh. B. L. Varshney, Lecturer, Govt. Coll., Shahdol (APS Univ.)	Rewa Sambhag main sakteri vipnan (Shahdol) zile ke sandharadh main (for Ph.D.)	2,000/-	Books F.W. & Questionnaire Computation	50%	
<u>ECONOMICS</u>						
28.	Sh. G. Dasaradha Rama Rao, Associate Lect. Andhra Univ.	Rural Unemployment (for Ph.D.)	3,000/-	Field work & Questionnaire	66%	
29.	Sh. G. Subrahmanyam Lecturer in Commerce Andhra University	A study of financial Administration of Andhra University (for Ph.D.)	1,500/-	Books & Questionnaire	33%	
30.	Sh. A. Chakraborty 35 years, Lecturer Jadavpur University	Econometric estimation of Rail & Road Transport cost function for the Indian Economy	4,000/-	Books, F. Work & Comp. work	80%	

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1	2	3	4	5	6	7
31.	Sh. Hiser Ahmad, Lecturer, Kashmir Univ.	Problems & Prospects of small scale & cottage industries in Kashmir (for Ph.D.)	1,000/-	Books, F.Work	66%	
32.	Sh. Harbhajan, Singh Bal, Field Officer, Panjab Agril. Univ. Ludhiana	Impact of new technology on the distribution of agricultural income in Punjab (for Ph.D.)	3,000/-	Books F.W.	75%	Provided he is doing teaching work.
33.	Sh. N.S. Azad, Lecturer, Punjabi Univ.	Small farmers in Panjab- a study of production constraints & Potentialities	5,000/-	Books F.W.	99%	
34.	Sh. P.J. Acharya, Lecturer A.M.A.L. College Ankapatli, (Andhra Univ.)	Long-term finance and agricultural develop- ment (for Ph.D.)	4,000/-	F.W. & C.W.	80%	
35.	Sh. V.K. Jain, Asstt. Prof. in Commerce, SSLPG, College, Vidisha (Bhopal University)	A study of costs and returns on selected farms in Vidisha Distt. (M.P.) (for Ph.D.)	1,000/-	Books & Reports	66%	
36.	Sh. S.S. Bhunia, Sr. Lecturer & Head, Tamralipta Mahavidyalaya, P.O. Tamruk, Distt. Midnapur (W.B.)	Hotel-vine cultivation in West Bengal-Position, problems & Prospects	3,000/-	Books F.W.	60%	
37.	Sh. G. Bhattacharya Sr. Lecturer, Women's College, Agartala, Tripura, (Calcutta Univ.)	Refugee rehabilitation & its impact on Tripura's 'Economy (for Ph.D.)	1,000/-	Books F.W.	100%	
38.	Dr. Mukh Lal Singh Lecturer, Ranchi University	Unemployment in rural areas of Chhotanagar (Bihar)	3,000/-	Books F.W. & C.W.	60%	
39.	Sh. A.K. Sen Gupta Lecturer St Paul's Cathedral Mission College, Calcutta (Calcutta Univ)	Analysis of income distribution in a multi sector model Indian Empirical Exploration	2,000/-	Books F.W. & C.W.	99%	

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1.	2.	3.	4.	5.	6.	7.
40.	Sh. M.W.Hanif, Sr. Lecturer & Officiating Head, D.B.S. College Dehradun (Garhwal Univ)	Some aspects of planning & programming for Economic develop- ment in India since 1951 (for Ph.D.)	2,000/-	Books, Journals & F.W.	40%	
41.	Sh. N. Anantha- pedmani bhan, Principal & Sr. Professor in Geography, Muthuranyam Govt. Arts College, Vellore (Madras Univ.)	The impact of planning on development of social services- A case study of Kanyakumari District (Tamil Nadu)	1,500/-	Books & <del>Journal</del> Questionnaire	60%	
42.	Prof. Shivshankar Mishra, Prof. Saraswati Bhuwan, College of Arts & Commerce, Aurangabad (Marathwada Univ)	A study of Monopoly procurement of cotton in Maharashtra	5,000/-	F.W. & C.W.	72%	
43.	Sh. Krishna Eknath Patil, Lecturer, CP & Bazar College, Nagpur (Nagpur University)	Timber Industry of Vidarbha since 1956-57 (for Ph.D.)	2,500/-	F.W. Books	83%	
44.	Sh.K.K. Kala, Lecturer in Architecture, Visvesvaraya Regional College of Engineering Nagpur (Nagpur University)	the affect of socio economic conditions of cooperative housing consumer on the physical environment of cooper- ative Housing	3,000/-	F.W. Books.	60%	
45.	Sh.M.R. Shankunwar, Lecturer, Dr. Ambedkar College, Nagpur (Nagpur Univ.)	The untouchables (Scheduled Castes) in Vidarbha - A socio Economic Survey (for Ph.D.)	2,000/-	Books F.W.	42%	
46.	Sh. S.P. Choudhury, Lecturer, Alpha Govt. College, Diphu (Gauhati Univ.) Assam.	Role of agriculture in the economic development of the hill areas of Assam.	2,000/-	F.W. & Questionnaire	40%	

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1 ..... 2 ..... 3 ..... 4 ..... 5 ..... 6 ..... 7

SOCIOLOGY

- |  |   |         |   |      |
|--|---|---------|---|------|
| 47. Sh. M.K. Rao,<br>Associate Lect.<br>Andhra Univ.   | Social change and politics,<br>in a fishing village of<br>Penlakota Visakha-Patnam<br>Di, A.P.                                      | 2,500/- | Books<br>Journals<br>& F.W.                                 | 50%  |
| 48. Smt. P. Gupta,<br>Lecturer,<br>Gorakhpur Univ.   | Socio-cultural aspects of<br>differential fertility in<br>Gorakhpur City (for Ph.D.)  | 2,000/- | Books,<br>F.W.&<br>C.W.                                     | 66%  |
| 49. Sh. U.B. Bhoite,<br>Lecturer,<br>Marathwada Univ.  | A study of intellectuall,<br>role & life of college<br>teachers (for Ph.D.)   | 1,500/- | Books &<br>F.W.   | 100% |
| 50. Sh.J.C. Sharma,<br>Lecturer,<br>Tata Inst. of<br>Social Scs.<br>Bombay                     | Growth of Welfare agencies<br>in greater Bombay   | 3,000/- | Question-<br>narrie<br>CW & FW                              | 75%  |
| 51. Sh.F. Ramachandran,<br>Reader,<br>T.I.S. Scs.<br>Bombay                                    | Demographic correlates of<br>urban communities by size.   | 3,000/- | C.W.<br>F.W. &<br>questionnaire                             | 66%  |
| 52. Dr. O.P. Garg,<br>Head of the<br>Deptt. Vardhaman<br>College, Bijnor<br>(agra Univ.)       | Political affiliation of<br>workers in an industrial<br>City.   | 1,500/- | Books<br>F.W.   | 98%  |
| 53. Sh.K.P. Khare,<br>Lecturer,<br>Govt. Degree College,<br>Sidhi (MP)<br>(A.P.S. University)  | A study of continuity &<br>change among scheduled<br>caste community with special<br>reference to Rewa Dist. of<br>M.P. (for Ph.D.) | 3,000/- | Books,<br>F.W.  | 55%  |
| 54. Miss R.Kshama,<br>Psy* Social<br>Worker, All India<br>Inst. of Mental<br>Health, Bangalore | Incidence of Drug addictions<br>among college students in<br>Bangalore.   | 2,500/- | question-<br>narrie & Prowid <sup>d</sup><br>F.W. a teacher | 71%  |
| 55. Sh.V.G. Pendharkar<br>Indore Christian<br>College, Indore<br>(Indore Univ.)                | Occupational aspiration of<br>students (for Ph.D.)  | 2,500/- | Books,<br>F.W. &<br>Questionnaire                           | 80%  |

1	2	3	4	5	6
56.	Mrs. K.V. Muley, Saraswati Bhawan College, Aurangabad, (Marathwada Univ)	Muslim attitudes towards Hindu*- A Socio Psychological study of a muslim minority community in Augangabad	2,500/-	Books & FW	100%
57.	Dr. A. B. Saran, Reader, & Head Anthropology Deptt. Ranchi College, Ranchi (Ranchi Univ)	Impact of special privileges granted to scheduled castes in the district of Nawada (Bihar) since independence	3,000/-	Books F.W.	60%
58.	Sh.V.C. Jain, Lecturer, Madhav College, Ujjain (MP) Virkam Univ.)	Socio-economic conditions of Digambar Jains in Malwa (for Ph.D.)	1,500/-	Books & F.W.	100%
59.	Sh.M.L. Chaubisa Field Guide, Vidya Bhawan Rural Instt. Udaipur (Udaipur Uni.)	Forms of exploitation and social inequality at village level (for Ph.D.)	2,500/-	Books, FW	35% subject to his being a teacher
<u>SANSKRIT</u>					
60.	Dr. P. Sriramamurti Reader Andhra Univ.	Contribution of Andhra to Sastras in Sanskrit.	2,000/-	Books, F.W.	40%
61.	Sh. S.G. Chakrabarti, Lecturer, Rabindra Bhawan, Calcutta	The rules for inter- pretation (Paribhasa) of the Srautasutra (for Ph.D.)	1,000/-	Books,	33%
62.	Sh. S. Bhattacharya, Lecturer, P.B College, Calcutta (Calcutta Univ.)	Law of contract with special reference to sale and partnership in ancient India (for Ph.D.)	800/-	Books, & Journals	92%
63.	Km. Rani Sharma, Lecturer, DAV College, Hassanagarh, (Kurukshetra Univ.)	Vratas in the Smritis and the Purans.	1,000/-	Books	20%
64.	Dr. G.N. Rajguru Reader, Panjab Univ.	A critical study of Paras Bhag (M.S.)	2,000/-	Photo copies & F.W.	40%
65.	Dr. Durga Vishwanath Dixit Lecturer, Poona Univ.	Hindi Plays staged by the Marathi Theatrical companies (1850 to 1940)	1,500/-	F.W. & Books	50%

1	2	3	4	5	6
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66.	Sh. P.K. Annamma Lecturer M.E.S. Kalladi College P.O. Palghat (Calcutta Univ.)	The concept of devotion in Hindu & Xtian Philosophy with special reference to Meera Bai and St. Little Flower (for Ph.D)	2,000/-	Books & F.W.	40%
67.	Sh. B.D. Lal Lecturer Jagjiwan College Gaya, Magadh University	Hindi Journalism during the period of Bhartendu' (from 1850 to 1900)	1,000/-	-do-	33%
68.	Sh. G.P. Joshi Lecturer Nagpur Mahavidyalay Nagpur (Nagpur Univ.)	Mauritious main Hindi Bhasha aur Sahitya ke/Sarvekshan/Vikasa (for Ph.D.)	1,000/-	-do-	48%
69.	Dr. Jia Lal Handoo Sr. Lecturer Govt. College Hoshiarpur (Panjab Univ.)	Hindi Bhashi Kashmir ke Hindi Kavi	2,000/-	-do-	50%
70.	Sh. Raghunath Vasudeo Bivaiker, Lecturer PNG Arts, JDB Commerce & NSC Science College, Nasik Road, Poona (Poona Univ.)	Rao Gulabsinha and his hindi literature(for Ph.D.)	1,000/-	-do-	100%
71.	Sh. M.N. Jawliya Lecturer Govt. College Bhilwara (Rajasthan Univ.)	Hindi Bhasha aur Sahitaya ke Vikas main Arya Samaj ki Patra-Patrikao ka Yagdan (for Ph.D)	1,000/-	-do-	76%

ENGLISH

72.	Sh. S. Marathe Lecturer (Poona Univ.)	Work book containing practical exercises for students of Modern English structure (including Language Syntax, Spoken English)	1,000/-	Stationery	20%
73.	Dr. (Mrs.) A.T. Bhatia Lecturer Lakshmbai College (Delhi Univ.)	Preparation of a work-book for the teaching of writing in English on the basis of students errors at the under-graduate level	600/-	Stationery & Questionnaire	50%



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74. Dr. G. Nageshwara Rao      Existential Angst in      2,000/-      Books &      45%  
Lecturer      Modern Drama  
S.V. University

MARATHI

75. Dr. P.B. Mande      A study of Folk Deities and      2,000/-      Books &      50%  
Reader      rituals      Journals  
Marathwada Univ.

MAJAYALAM

76. Sh. P.M. Joseph      Prakrit loan words in      1,200/-      -do-      30%  
Lecturer      Malayalam (for Ph.D.)  
St. John's College      P.O. Kerala  
Anchal.      (Kerala Univ.)

TAMIL

77. Sh.N. Romalingam      Critical Study of Kanda-      2,000/-      Books, Journals      40%  
Asstt. Prof.      puranam (for Ph.D.)      & F.W.  
Yadava College  
Madurai  
(Madurai Univ.)

TEJUGU

78. Sh. D. Sivaramamurti      A critical study of      500/-      Books      100%  
Lecturer      Sivabharatam (for Ph.D.)  
V.S.K. Govt. College  
Visakhapatnam  
(Andhra Univ.)

79. Sh. M.R. Rao      A critical assessment      1,000/-      Books      66%  
Asstt. Lecturer      of Srisris poetical works  
Govt. College      (1925-70) (for Ph.D.)  
Kazole  
(Andhra Univ.)

URDU

80. Smt. H. Riaz      Mohammad Ali Johar -      2,000/-      F.W.      40%  
Lecturer      His life and Shairi  
Nagpur University      (for Ph.D.)  
Nagpur Univ.

81.	Dr. A.N. Shaikh Asstt. Prof. Wadia College Poona (Poona Univ.)	Influence of Bedil on Urdu Poets.	2,000/-	F.W. Books	40%
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LINGUISTICS

82.	Sh. Mirza Akbar Ali Baig Tutor in Urdu Govt. City College Hyderabad (AP) (Osmania Univ.)	Mirza Abi Lutf-Life and Works	2,000/-	-do-	50%
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LINGUISTICS

83.	Dr. G.J. Roy Director Madurai Univ.	A description of the language of the Palliyas in Tamilnadu	2,500/-	F.W. & Tapes	100%
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84.	Sh. S.N. Salgarkar Reader Poona Univ.	Fabrication of Fitch extractor	5,000/-	equip.	100%
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85.	Sh. D.M. Joshi Reader Poona Univ.	Social & Regional Linguistic variations of coastal Saurashtra	5,000/-	F.W.	100%
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86.	Sh. F.B. Rao Res. Associate Poona Univ.	A detailed analysis of the Kuvi languages	4,500/-	F.W. Equipt.	95% Subject to being his a teacher
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87.	Dr. R.P. Saxena Lecturer Nagpur Univ.	A descriptive Grammer of Momin Dialect of Nagpur District	1,200/-	F.W.	2 1/2%
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88.	Smt. D.A. Vandatt Lecturer S.G. University	A study of English as used in in economics (for Ph.D.)	3,500/-	Books	100%
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89.	Dr. V. Prakasam Lecturer Univ. College of Arts, & Commerce (Osmania Univ.)	A linguistic Analysis of G. Narayana Reddy's Writings (in Telugu)	2,000/-	Books & Journals	100%
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98.	Sh. S.S. Nathawat Lecturer Kurukshetra Univ.	A comparative study of mental health in creative and non-creative adolescents (for Ph.D.)	2,500/-	Test material Books	50%
99.	Sh. R.D. Helode Lecturer Nagpur Univ.	Retrocative interference as a function of personality dimensions (for Ph.D.)	3,000/-	Books & Tests	60%
100.	Prof. V.K. Kothurkar Prof. of Psychology Poona Univ.	adaptation of the torrance test of creative thinking	4,900/-	F.W. & Printing	100%
101.	Mrs. P.R. Ginija Lecturer Univ. of Agril. Sc. Bangalore	Prediction of academic achievement from non-intellectual variables by using discrimination analysis	2,500/-	Commt. work & questionnaire	55%
102.	Sh. B.B. Asthana Lecturer St. John's College Agra(Agra Univ.)	Effects of maternal separation as a function of age and prefrontal lesions in free ranging rhesus monkeys.	5,000/-	Books, Animals & F.W.	100% subject Dr. S.D. Singh *
103.	Sh. G.P. Thakur L.S. College Muzaffarpur (Bihar Univ.)	Development of a personality inventory to measure psych-sexual development	3,500/-	Books & F.W.	70%
104.	Sh. G.P. Choudhary Lecturer L.S. College Muzaffarpur(Bihar Univ.)	Patterns of attitude towards Gandhism (for Ph.D.)	3,000/-	Books & Journals	60%
105.	Sh. B.S. Tripathi Reader & Head D.J. College Baraut (Meerut Univ.)	Scholastic achievement as a function of intelligence creativity and some personality factors (for Ph.D.)	2,000/-	Books & Tests & F.W.	30%
106.	Smt. Kasturi Jachuck Lecturer Utkal Univ.	Two level theory of mental abilities and cumulative deficit in culturally deprived children	5,000/-	Books, Tests, F.W. & C.W.	66%
107.	Smt. S.L. Sahu Lecturer Utkal Univ.	Effect of socio-cultural deprivation on linguistic abilities	4,500/-	Test & F.W.	90%
108.	Dr. C.C. Bhattacharya Lecturer Calcutta Univ.	Bengali Adaptation of Wisc and Wias	2,500/-	Equip- ment	25%

102.\* supervising his work

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EDUCATION

109.	Sh. A.S. Sethi Asstt. Prof. School of Education H.P. University Simla	A study of a programme in English spelling in relation to visual and auditory presentation (for Ph.D.)	3,000/-	Tests, Tapes & F.W.	47%
110.	Sh. H.C. Sharma Asstt. Prof. School of Education H.P. University Simla	A study of a programme in a segment of hindi morphology in relation to sequencing and prompting (for Ph.D.)	3,000/-	Tests Books F.W.	49%
111.	Dr. H.G. Desai Reader & Head Saurashtra Univ.	Perception of self and other as related to pressure group membership of college students in saurashtra	3,000/-	Books, F.W. & C.W.	75%
112.	Dr. P. Noronha Lecturer S.V. Univ.	Metaphysical concepts and educational views according to Indian Philosophy	500/-	Books & journals	83%

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- 113. Sh. I.U. Trivedi, Use of branching variety of 2,000/- FW 42%  
Lecturer, programmed learning &Tests  
Shri R.Ranade, material mathematics as  
College of Edn. diagnostic and remedial  
Borsag (Gujarat tools (for Ph.D.)  
University)
  
- 114. Dr.(Miss)M.M. Shah An investigation into 700/- FW 85%  
Prof. the status of a teacher Books &  
Smt. B.C.J.College, perceived by himself, cust.  
of Education, the students and the  
Khambhat community.  
(Gujarat University)
  
- 115. Sh.D.Srivastava, Curricular learning as 2,500/-Books,50%  
Lecturer function of stress under Journals  
D.S. National Coll. different motivational FW &  
Unnao conditions(for Ph.D.) Tests  
(Kanpur University)
  
- 116. Km.I.Franklin, A study of organizational 2,000/-Books, 60%  
Lecturer climate and teacher FW &  
I.T.College, morale in colleges of cust.  
Lucknow, education in Gujarat State  
(Lucknow Univ.) (for Ph.D.)
  
- 117. Sh.M.N.Verma, The effect of intemittent 2,000/-Books, 100%  
Lecturer, reinforcement and extra- FW &  
J.V. Jain College, version on programmed Tests  
Sahasarpur instruction achievement  
(Meerut University) (for Ph.D.)
  
- 118. Sh.G.R. Sharma, An experimental study of 2,500/-Books, 45%  
N.R.E.C. College, the correlates of teachers FW &  
Khurja, performance in simulated C.W.  
(Meerut University) teachers at secondary  
level (for Ph.D.)
  
- 119. Sh.S.P. Mishra, A comparative study of 2,500/- Books, 55%  
Lecturer, high and low achievers P.W.&  
Regional College in Science, Commerce C.W.  
of Education, and Arts on Creativity  
Ajmer Intelligence and anxiety  
(Rajasthan Uni.) (for Ph.D.)
  
- 120. Sh.M.L.Sharma, A study in the development 1,500/-  
Lecturer,Teachers of teacher competencies of -do- 60%  
Training College, the B.Ed. students-teachers  
Bikaner,(Raj.Univ.) in the training college of  
Rajasthan.



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121.	Sh.S.Singh, Lecturer V.B. Teachers Coll. Udaipur (Udaipur University)	Relationship between the teacher's personality teaching success and behavioural changes in students(for Ph.D.)	15,00/-	C.W.	100%	
<u>EDUCATION</u>						
122.	Sh.P.R. Naladkar, Lecturer, Govt.College of Education, Ratnagir, (Bombay Univ.)	Basic vocabulary in Marathi of children of standards I and II (for Ph.D.)	2,000/-	F.W.& Books	40%	
123.	Sh.Suresh Chandra, Panth, Lecturer, Regional College of Education, Bhopal (Bhopal University)	A study of the impact of education on the Beliefs, Attitudes and Behaviour of Muria School going Children of Bastar.	3,000/-	Books, F.W.& Questionnaire	90%	
<u>PHILOSOPHY</u>						
124.	Sh.S.M.Shaha, Lecturer, Poona Univ.	A critical and comp- arative study of the Philosophy of Kunda, Kunda.	2,000/-	Books& F.W.	25%	
125.	Sh.B.R. Nimawat, Lecturer, Govt.College, Banswara (Raj.) (Rajasthan Univ.)	Truth and Error (for Ph.D.)	1,000/-	Books	16%	
126.	Dr.S.N.Roy, Lecturer, St.Columba's College, Hazaribagh (Ranchi Univ.)	Concept of Religion in contemporary western philosophy (for D.Litt degree of Ranchi University)	1,000/-	Books, Journals	62%	

Report of the Panel on Political Science

Minutes of the meeting of the Panel on Political Science held on Wednesday, the 25th September, 1974.

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A meeting of the panel of Political Science was held in the Commission's office at 10.30 A.M. on Wednesday, the 25th September, 1974 with Dr. George Jacob, Chairman of the Commission in the Chair. The following members were present:-

1. Dr. Satish Chandra,  
Vice-Chairman,  
University Grants Commission.
2. Professor S.M. Mukerji,  
Head of the Department of Political Science,  
Calcutta University, Calcutta.
3. Professor Rasheed Uddin Khan,  
Professor of Political Science,  
Jawaharlal Nehru University, New Delhi.
4. Dr. Perumal,  
Professor and Head of the  
Department of Political Science,  
Madras University, Madras.
5. Dr. A.D. Pant,  
Professor and Head of the Department  
of Political Science,  
Allahabad University, Allahabad.
6. Professor Randhir Singh,  
Professor and Head of the  
Department of Political Science,  
Delhi University, Delhi.
7. Dr. Iqbal Narain,  
Professor and Head of the  
Department of Political Science,  
University of Rajasthan, Jaipur.

The following business was transacted:

1. The report of the panel adopted at its meeting held in March 1974 and later revised by the Conveners in the light of discussion in the combined meeting of various



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Social Sciences and Humanities Panels and suggestions received from fellow political scientists was adopted. The Chairman, while opening the discussion on the report underlined the need of picking up some items on a priority basis so that there could be some tangible results in terms of implementation during the Fifth Five Year Plan. He particularly emphasized the need of modernizing the undergraduate syllabi in Political Science on a country-wide basis. He was of the opinion that while some effort has been made to modernise the syllabi at the postgraduate level, there has hardly been any effort to do so at the undergraduate level. His point of view was endorsed by the panel though its members felt that the modernization of syllabi cannot take place in a piecemeal fashion, as an integrated view of the syllabus from the under-graduate through the postgraduate to the pre-Ph.D. levels with an eye on its modernization alone can help matters. The panel resolved to address itself to this task with the support of the fellow political scientists in the country on a priority basis. With this end in view it was decided to hold seminars/colloquia on the modernization of syllabi in Political Science either at different places in the country on a zonal basis or at one place on an all India basis. The consensus seemed to favour more the former than the latter. The final decision in the matter was, however, to be taken by the Commission in consultation with the Convener. It was also agreed that a working paper highlighting the salient features of the present day syllabi and, more importantly, suggesting the broad pattern of changes may be prepared which may form the basis of the colloquia on the modernisation of syllabi. The Commission should decide in consultation with the Convener about the ways and means of preparing the working paper. It was also agreed that the colloquia on the subject should be held as early as possible

2. The Panel was of the view that for the time being the question of preparing a status report in Political Science may be shelved as we could draw upon the reports prepared by the ICSSR and part of the work in this regard may also be done at the colloquia on the modernization of the syllabi.

3. As far as the question of undertaking a study of the existing position with regard to the award of doctorate degrees and suggesting measures for improving the existing system was concerned, it was resolved that this issue should also be taken up at the proposed colloquia. For this Dr. J.N. Kaul of the University Grants Commission may be requested to prepare a working paper as he has already collected a lot of useful information on this issue.

4. The recommendations made by the Review Committee appointed by the ICSSR about developing research methodology courses in the Universities etc. was adopted and the idea contained in these recommendations could be pursued further during the colloquia.
5. The suggestions received from the teachers about priority areas of research were considered and the Committee thought that they were broadly covered by the subjects already listed. The panel would, however, like to recommend a correction in the entry about studies of socialism which should now read as Theory and Practice of Socialism with special reference to India.
6. The panel thought that the proposal for introduction of courses in Criminology as a part of undergraduate courses in Political Science does not pertain to the field of this discipline though it could be considered by panels on Sociology and Law.
7. The panel wholeheartedly endorsed the question of developing the departments of mass communication and journalism in the Universities during the Fifth Five Year Plan on a priority basis. It also thought that effort should be made to introduce optional groups/papers in Political Science particularly on political communication and Political Development.
8. The panel did not favour the idea of integrating the National Service Scheme with the curriculum at the first degree level though it agreed with the need of modernizing the syllabi in a fashion so as to enable the students to apply themselves both to the theory and Practice of the subject matter of the study. The panel may try to have a look at the syllabi of Political Science from this angle while finalising the working paper for the colloquia on modernising syllabi in Political Science.
9. The panel considered the proposals received from the Universities and the College teachers for financial assistance for undertaking advanced research and made the following recommendations:
  - a) The response of the panel on proposals Nos. 1, 2, 5, 6 and 7 was in the negative.

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- b) The panel thought that the proposal of Sri S.K. Kakadey be considered among short-term research projects. (Later approved also while projects in this category were considered).
- (c) The panel thought that the proposal of Professor Perumal should be accepted though he may be requested to reduce the cost component from Rs.75/- to Rs.2000/-. The panel would particularly like to point out that it should be enough to have just two research assistants for this study and perhaps the field work and the use of questionnaire may not be that much necessary.

10. The panel also considered the proposals for short-term research projects and made the following recommendations:

- a) The response of the panel to proposals 1, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 15, 16, 17, 18, 19, 20, 22, 23, 25, 26 and 27 was in the negative.
- b) The panel agreed to subsidize proposals 2, 10, 14, 21 and 24 for financial assistance. The panel also felt that Dr. Kedar Nath may be advised to take up the study of the President's Rule on a case study basis selecting two or three states only. While the panel agreed to grant the amounts asked for in regard to other proposals, in the case of Sri. S.N. Dutta the panel thought that Rs.1500/- for printing should be deleted.

11. The panel also considered the short term projects submitted by teachers of Public Administration and made the following recommendations:-

- a) Dr. P.D. Sharm's proposal should be treated as a proposal for advanced study and it may be sent for opinion of experts before it is considered by the panel in a subsequent meeting.
- b) The panel's response to proposal No.3, 4 and 5 was in the negative, while it agreed to subsidize Dr. Ravindra Sharma's proposal to the extent of Rs.2000/-

P.T.O.

12. The panel also considered the short term research projects from the teachers of Library Science. While its response to proposals 2 and 3 was in the negative, it recommended that proposals 1,4 be subsidized to the tune of Rs.2,500/-.

13. From among the supplementaries, the panel agreed to subsidize proposals No.1, 2, 3 and 5 in Political Science, while it said no to proposals No.4, 6, 7, 8 and 9. Here it also reduced the amount of grant to Rs.2000/- in the case of proposal No.1. The panel did not consider the proposal of Professor K. Kamalanathan as it belonged to the advanced category proposals and should as such be sent for the opinion of the expert.

14. As far as supplementary proposals in Public Administration were concerned, it agreed to support the proposal of K. Murli Manohar, though to the tune of Rs.2,500/- only.

15. As far as the supplementary proposals in Library Science were considered, the panel agreed to finance the proposal of Sri H.A. Khan, though the panel thought that it would be advisable if he only confined his research to Karnataka.

16. The panel up-dated as far as it could the list of University professors in Political Science, though it felt that the Commission was in a better position to do so. The panel also observed that it should take its obligations more seriously in this regard than it seems to have done in its present effort.

17. The panel took note of the suggestion that efforts should be made to encourage study of Parliamentary Institutions in the country.

18. Finally, the panel considered the recommendations made by the University Grants Commission Standing Committee on Development of Libraries in the Universities. The panel strongly felt that there should be no dispersal of the resources and stock of central library. If departmental libraries were to be built up, this could be done on the basis of additional holdings only. The panel would, however, not like to recommend any uniform pattern as the existing situation varied from University to University and it may not always be desirable to change it in favour of a uniform model.

The meeting came to an end with a vote of thanks to the Chair.

Sd/-  
(Iqbal Narain)

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Report of the panel on Economics

The meeting of the Economics Panel was held on 27th September, 1974 at 10.30 A.M. and it lasted till 6.00 P.M. on the same day. Discussions were continued on the 28th September, 1974 from 10-30 A.M. to 1.00 P.M. The following were present:

1. Dr. D.T. Lakdawala
2. Dr. Y.K. Alagh (attend on 27th Sept. only)
3. Dr. Man Mohan Singh
4. Dr. V.B. Singh
5. Dr. T.N. Kapoor (attend on 27th Sept. only)

1. After considerable discussion it was decided that the panel should take first in hand the question of preparation of suitable textbooks at the undergraduate level, two on each major topic, and the selection of reading material, mainly for B.A. (Hons.) and M.A. students. The reading material should supplement the textbooks regarding more recent developments and it should also provide enough Indian data and illustrations. The panel should recommend to the University Grants Commission the major topics on which books and monographs were essential. The names of the persons to be invited on each of them and the selection of reading material along with the changes needed in the same so as to make them appropriate for the purpose in hand should be indicated; and the persons invited should be allowed if they so desire to take the help of one or more co-authors with the approval of the University Grants Commission. Their requests for facilities beyond those usually given for the preparation of such books should be sympathetically considered.

As for as textbooks for B.A. students are concerned it was decided that the following papers should be taken up:

1. Micro-Economics including a brief discussion of Methodology;
2. Micro-Economics including introduction to social accounting;
3. International Economics;
4. Economics History of India till 1947;

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5. Indian Economic Problems (after 1946);
6. Problems of Growth and Development;
7. Public Finance and Fiscal Policy;
8. Mathematical and Statistical techniques in their application to economics;
9. Regional Economics.

It was decided that the Universities should be requested to submit schemes for preparation of textbooks in Economics of the regional in which they are situated.

It was decided that short-term courses 8-10 week's duration should be organised as a part of improvement of training of college teachers. They should comprise of some elementary mathematics and statistics, elementary research methodology and exercises in application of the same. In the first instance the running of these courses should be entrusted to the centres of advanced study in Economics and institutes recognised by the ICSSR. These institutes and centres should be given necessary staff and equipment to run about 3 courses a year. In running the courses help should be taken from the staff of colleges and other Universities belonging to the region. The UGC should ensure that necessary facilities are given to college teachers to attend these courses.

It was suggested that regional seminars should be organised to discuss the courses for economic students mainly at the undergraduate stage. A background paper should be prepared with special reference to undergraduate training by Dr. Man Mohan Singh.

Item 2: It was agreed that the status report in Economics should contain the present position of teaching and research in the subject; the new papers that should be introduced, and the new lines of research. In addition to this, it should also give an idea of the work of the existing departments and institutions and assess their potential for further teaching and research work. The report should be prepared in the course of 18 months. Further discussion on the subject was postponed to the next meeting.

P.T. O.

Item 3: It was decided that before giving a Ph.D. degree to a student, it should be ensured that he had undergone a training in research methodology as an essential part of the Ph.D. programme; the training course would last for about a year. The Ph.D. thesis should be regarded as a contribution to the understanding of the subject and an application of the technique of analysis.

In order to ensure that publications should be prompt and also of high standard, it was agreed that in addition to the ordinary publication grants, some universities should be given special grants to specialize in publications in different subjects. The University of Bombay may be approached for specialisation in Economics publications. For this purpose, the university should agree to set up a broadly based publication board of experts in the subject including a nominee of the University Grants Commission.

Item No.4: The matter had been partly covered in Item 3. Further consideration of the same was postponed to the next meeting.

Item 5: The priority areas of research in Economics:

The suggestions received from various teachers were considered and it was decided to amend the priority areas as under:

- (1) Item 3 - Instead of import substitution in India, 'export promotion and import substitution in India'.
- (2) After Item 14; 14(a) Technological change and agricultural development and income distribution.
- (3) After 10: 10(a) Public distribution system.
- (4) Item 16: Economics of Education.

Item 6: The Panel had no opinion to express.

Item 7: The recommendations made by the Committee for the development of studies of transport economics were reviewed. The Panel generally agreed with the same. It, however, felt that the claims of Commerce Developments which might have been teaching transport economics and doing research in the same should not be over-looked.

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Item 8: The question of integrating the national service scheme with the B.A. curriculum was considered. It was felt that the best way to link the two would be to have one optional paper at the B.A. (Hons.) level where students could do a field project individually or in groups on subjects like 'Appraisal of a plan project'.

Item 9: It was decided to recommend to the University Grants Commission that the research material cell at the Osmania University should be financed for one more year i.e. 1974-75 and that the expert assessment committee which visits the Osmania University should be requested to also review the work of the research material cell and submit a detailed report on the same.

Item 10: The present procedure for consideration of schemes were discussed. It was felt that for their efficient consideration, these should be circulated in advance among the Panel members. The University Grants Commission should consider to that end asking those who submitted the schemes to submit an appropriate number of copies.

The following proposals were recommended for acceptance by the University Grants Commission:-

- |    |  |  |
|----|--|--|
| 1) | Dr. C.D. Singh,<br>Professor of Commerce,<br>Bhagalpur University. | .. .. Rs.45,000<br>1 Research Assistant<br>4 Investigators<br>1 Stenotypist and also<br>for field work,<br>questionnaire and oth<br>non-recurring items. |
| 2) | Dr. M. Sebastian   | .. .. Rs.56,000 (for<br>(travel, field work, one steno-<br>typist, books, stationery,<br>questionnaire and other<br>expenses)                            |

The following decisions were taken on the rest:

No.1 -- Dr. P B Saxena may be requested to revise his project. The Lucknow University had already completed a project on the first - industry mentioned in the project.

No.2 -- Could not be accepted.

P.T.O.



- No.3 -- Was asked to re-submit the report.
- No.4 -- No.
- No.5 -- Approved in principle, but detailed estimates were to be asked for and Dr. Alagh was to give a report.
- No.6 -- Accepted.
- No.7, 8 & 9 -- Could not be accepted.
- No.10 - Was asked to re-submit the report as it did not contain sufficient details of the scheme.
- No.11 - Accepted.
- No.12 - He may be asked to submit a revised project indicating methodology and details of the research project.
- No.13, 14 & 15 - Could not be accepted.
- No.16 - He may be asked to send more details of the project.
- No.17 - No.
- No.18 - Withdrawn.
- No.19 - More details were to be asked.
- No.20 - No.
- No.21 - Could not be accepted.
- No.22 - The expert's views were to be communicated to him and in the light of the same he may resubmit the project.
- No.23 - No.
- No.24 - He was asked to give further details.
- No.25 - He should re-submit in the light of the expert's opinion and reduce the cost.
- Nos.26, 27 - Could not be accepted.

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Item 11: The general point that was made was that when the Scheme was completed, the research workers should be asked to hand over the books and documents that they brought with the help of the research grant to the libraries of the colleges and university departments concerned. The following proposals were recommended for assistance:

1. Commerce:

The following schemes were recommended for acceptance:

No. 3	-	Dr. Musa Baker	..	Rs. 5,000
4	-	Shri V.S. Agarwal	..	Rs. 1,500
5	-	Shri R.K. Tandon	..	Rs. 3,000
8	-	Shri P. Murali	..	Rs. 3,000
10	-	Shri J.D. Singh	..	Rs. 3,000
13	-	Shri V. Kumar	..	Rs. 1,500
26	-	Shri H.V. Joshi	..	Rs. 1,150
28	-	Shri R.N. Misra	..	Rs. 5,000
29	-	Shri A.G. <del>Singh</del>	..	Rs. 1,000
Supplementary List No. 1.				
		Shri B.L. Varshney	..	Rs. 2,000

2. Economics:

1	-	Shri G.D. Rama Rao	..	Rs. 3,000
3	-	Shri Subramanian	..	Rs. 1,500
6	-	Shri A. Chakravarti	..	Rs. 4,000
7	-	Shri Nisar Ahmed	..	Rs. 1,000
9	-	Shri H.S. Bal	..	Rs. 3,000
		(provided he is a teacher)		
10	-	Shri N.S. Azad	..	Rs. 5,000
11	-	Dr. Mukhlal Singh	..	Rs. 3,000
14	-	Dr. Ramachandran	..	Rs. 4,000
17	-	Shri P.J. Acharlu	..	Rs. 4,000
21	-	Shri V.K. Jain	..	Rs. 1,000
22	-	Shri S.S. Bhunia	..	Rs. 3,000
23	-	Smt. Bhattacharya	..	Rs. 1,000
24	-	Shri A.K. Sengupta	..	Rs. 2,000
29	-	Shri M.W. Haniff	..	Rs. 2,000
31	-	Shri N. Anantapad- manabhan	..	Rs. 1,500
32	-	Shri V. Shankar	..	Rs. 5,000
33	-	Shri K.E. Patel	..	Rs. 2,500
		Shri K.K. Kale	..	Rs. 3,000
		Shri M.R. Syam Kumar	..	Rs. 2,000
Supplementary List:				
3	-	Shri S.K. Chowdhury	..	Rs. 2,000

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12. The list of University Professors in Economics was discussed. The Office was requested to write to the Universities and ensure that the list was up-to-date.

13. The recommendations of the U.G.C. Standing Advisory Committee on Library development in the universities and colleges were considered. The seminar agreed with the recommendation that there should be complementary seminar libraries in Social Sciences in which documentary material could be kept. It recommended that this practice should be made applicable to new universities as well as well established universities.

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Report of the Panel on Sociology

Minutes of the meeting of the panel on Sociology held on 30th September, 1974, at the office of the University Grants Commission, New Delhi.

The meeting of the Sociology Panel was held at the Office of the University Grants Commission on September 30, 1974. The various items placed on the agenda were discussed and the following decisions were arrived at.

1. In view of the report of the panel adapted at its meeting held in March, 1974, it was decided to constitute a separate UGC Panel for Social Work. The present panel on Sociology and Social Work would now be called Panel on Sociology and Social Anthropology.
2. In addition to the preparation of a status report in sociology as suggested in the final report of the panel adapted in March, 1974, it was decided that an 'appraisal report' on sociology may be prepared preferably within two to three weeks time by a Committee consisting of the convener Professor S.C. Dube and Professor M.S.A. Rao.

The Status Report may be prepared by the same panel of experts as suggested in March meeting of the Sociology Panel.

3. The existing system of doctoral level work and the award of Ph.D. was discussed by the members in order to suggest measures to improve the standards. The members were of the opinion that some high quality level course work must be a part of the Ph.D. programme in all Universities. In working out the exact nature of the course work, such as whether it should be a part of M.Phil Programme or whether it should be merely pre-Ph.D. course work, and what emphasis may be given in the course work itself in respect of orientation to methodology, theory and analysis of substantive areas etc., it was decided that scope for flexibility may be allowed in developing such programmes. In addition to this the members felt that some norms about the number of students registered at the Centres/ departments commensurate to the number of supervisors available may be essential to lay down for all universities.

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4. The recommendations made by the review committee appointed by the ICSSR about developing research methodology course and Pre-Ph.D. course in the University was considered. It was decided that University Grants Commission may enable selected departments on merit to organize research methodology courses.
5. The suggestions received from the teachers about priority areas of research in Sociology and Social Work were considered. It was suggested that since the ICSSR has already selected 12 major areas of priority research work of which it may not be able to sponsor all of them just now due to various reasons, it may be advisable that University Grants Commission selects 2-3 of these priority areas for promotion as a part of its own programmes.
6. Regarding the questions of developing the Departments of Mass Communications and Journalism in the universities during the Fifth Plan period members held the view that both Journalism and Mass Communication as areas of study and research merit promotion at an independent level without being part of sociology programmes. Being of interdisciplinary nature, for the promotion of these two areas, disciplines like sociology, psychology, political science anthropology and education may be of relevance. It may nevertheless be possible that Centres/Departments in any of these individual disciplines may institute relevant courses in mass communication and journalism contingent to the core of the respective discipline concerned. The University Grants Commission might approach such individual departments for promotion of the scheme.
7. The question of integrating the National Scheme with the curriculum at the first degree level in Sociology was considered in depth. After deliberations at length the panel decided as follows:-
  - i) Since at present only a small minority of students (less than 10%) is involved in NSS work at the first degree level in Sociology it may not be possible to integrate the NSS Scheme with course work.

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- ii) However, the Heads of Departments and persons designated for NSS work may be formally involved in discussing with the students participating in NSS Scheme, to evolve relevant areas related to the course that he/they may be offering based on the experience of the students in this context. Such areas may be incorporated eventually in their teaching courses.
  - iii) Panel held that in order to render the NSS really effective efforts should be made to involve more students in this programme.
8. The proposals received from the university and college teachers for financial assistance for undertaking advanced research were scrutinised by the panel. The projects No.3 and 5 were approved. For the project 5 it was decided that Professor S.N. Ranade, in consultation with the referee of his project may work out the re-allocation of the project estimate of his project in view of the various phases in which it would be undertaken. Project No.4,6 and 13 were rejected. Consideration of the rest of the projects were postponed in view of the absence of the referees comments for later considerations.
  9. The proposals received from the University and College Teachers for financial assistance for undertaking short-term projects were considered. The projects as mentioned in Annexure-I were approved for the amounts mentioned against each.
  10. The list of the University Professors in Sociology and Social Work was received and up-dated.
  11. The proposals for the introduction of courses in Criminology as part of the undergraduate course at the Universities was considered. The Panel decided that Criminology being an independent discipline, it may not be advisable or possible to link it up with sociology. However, certain areas of Criminology such as Sociology of deviant behaviour, sociology of crime and social pathology etc. which are related to criminology and also form part of Sociology may be introduced as optional papers in undergraduate courses in sociology.

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12. The recommendation of the UGC Standing Committee for development of libraries in the universities about the desirability of establishing specialised seminar libraries in universities was discussed by the panel. The panel held that whereas it may not be desirable to change the organic character of the library wherever possible departments/centres may be allowed to develop their own Seminar Library holdings by borrowing books from the Centre Library to be used by the faculty and the students.

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Report of the Panel on Linguistics

Report of the Linguistics Panel which met on 3rd & 4th October, 1974 in the Commission's Office.

The second meeting of the Panel on Linguistics was held in the Commission's office on 3rd & 4th October, 1974 at 10.30 A.M. The following were present:

1. Prof. P.B. Pandit Convener  
Head of the Department of Linguistics  
Delhi University,  
Delhi.
2. Prof. Ramesh Mohan  
Director  
Central Institute of English &  
Foreign Languages  
Hyderabad.
3. Prof. T.G. Maikar  
Professor of Sanskrit  
Bombay University  
(University Club House)  
Bombay.
4. Dr. V.I. Sukramoniam  
Professor of Linguistics  
Kerala University  
Trivandrum.
5. Dr. K.M. Tiwary  
Department of English  
Patna University,  
Patna.
6. Prof. H.L. Sharma  
Head of the Department of Hindi  
Aligarh Muslim University  
Aligarh.
7. Dr. Nazir Ahmed  
Professor of Persian  
Aligarh Muslim University  
Aligarh.
8. Dr. J.N. Kaul Member-Secretary  
Joint Secretary  
University Grants Commission.



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The Panel considered the following items:-

Item No. 1: To receive the final report of the panel adopted at its meeting held in March, 1974.

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The panel accepted the report and made the following recommendations:

A. (i) There should be an additional sub-committee for English and Foreign Languages on the same lines as the sub-committee on Modern Indian Languages. The terms of reference of this sub-committee will, therefore, be mutatis mutandis same as the above sub-committees.

(ii) Add the following to the terms of reference of Modern Indian Languages and Research programmes sub-committee under (iii):

"At least one of the members of the panel may be associated with the work of the sub-committee and the sub-committee may be requested to meet the Panel at its next meeting. The report of the sub-committee should be available within 6 months i.e. by May, 1975".

B. The programmes in English, as suggested in agenda item No.5 by the Panel in Linguistics, should be developed at some selected centres in the universities. It was further recommended that these suggestions may be passed on to the proposed sub-committee on English and Foreign Languages for suggesting modalities of operationalising of such programmes. The sub-committee may further consider the financial implications of starting of such programmes at selected centres and seeking the UGC support.

The Panel recommended that one man committees may be appointed in classical languages like Arabic and Persian and Sanskrit headed by Professor Missar Ahmad and Professor Haikar respectively and they may submit their reports and reviews on their subject within the same time span on the other sub-committee and that with the same terms of reference mutatis mutandis.

Item No.2: To consider the question of preparing a status report in Linguistics indicating the most promising areas of development, the work done in the existing centres and the nature of support needed.

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The proposals submitted by the various universities for development of linguistics during the V Plan period were sent to Prof. P.B. Panit. It is requested that the proposals received from the universities for development of Linguistics, but not already sent to the Convener may now be sent to him as early as possible.

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The status reports on -(1) English & Foreign Languages; and (ii) Modern Indian Languages will be ready by about 6 months. These reports will cover both teaching and research.

Appraisal reports for the guidance of the Visiting Committees will be prepared as under:-

- (i) Linguistics by Prof. P.B. Pandit
- (ii) Sanskrit Pali and Prakrit by Prof. Mainkar.
- (iii) Arabic and Persian by Prof. <sup>Asar</sup> Ahmed.
- (iv) The question of appraisal reports for Modern Indian Languages and English may be considered by the Commission.

Item No.3. To consider the question of undertaking a study of the existing position with regard to the award of doctorate degrees and suggest measures for improving the existing system in the interest of raising the standards.

Item No.4. To consider the recommendations made by the Review Committee appointed by the I.C.S.S.R. about developing research methodology courses in the universities and the question of developing and strengthening Pre-Ph.D. courses in the universities.

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The Panel considered the proposals for improving the existing system of research degrees such as Ph.D.

The Panel discussed the issues in the light of the ICSSR suggestions and observations on the earlier committees and made the following recommendations:

- (1) There is a need to introduce a pre-Ph.D. course between master's degree and the doctorate degree which may be known as M.Litt. or M.Phil. because the master's degree courses at present do not generally have a proper research orientation and do not equip the students with proper understanding for undertaking advanced research. The components of such a programme should include a regular course work in -
  - (i) research methodology;

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- (ii) advanced research in the field of specialisation;
  - (iii) comprehensive coverage of the field; and
  - (iv) project or thesis work.
- (2) It may not be necessary to evolve a common Ph.D. course for all discipline under the Humanities and Social Sciences.
  - (3) One of the purposes of the Pre-Ph.D. course may be to filter out such students who do not possess necessary aptitude for research work.
  - (4) It is advisable that such an M.Litt./M.Phil. programme should be of two years' duration. However, if it is not a terminal degree then the Ph.D. programme should be of 3 years' duration, the first year of which will be a pre-Ph.D. programme.
  - (5) The Junior Research Fellowship should be made available to the candidates working towards M.Litt./M.Phil. degree.
  - (6) There should be a rigorous admission procedure for enrolment to research degrees such as M.Litt./M.Phil. or Ph.D.

Evaluation: The Panel recommends that there should be two external examiners for evaluating a Ph.D. thesis whose concurrence is essential for the award of the degree and one internal examiner, who supervises the thesis.

The names of all the examiners who accepted the thesis should be inscribed on the thesis and if and when the thesis is published these names should also be printed.

Item No.5; To consider the suggestion received from Professor T.G. Mainkar and Dr. D.P. Pattenayak with regard to the development of teaching and research in Sanskrit and Linguistics and introduction of Linguistics in the Postgraduate courses in various languages.

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This was noted.

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Item No.6. To consider the suggestions received from the teachers about areas of priority research in Languages and Linguistics.

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The Panel recommends that the sub-committees (for English and Foreign Languages, Modern Indian Languages, Arabic & Persian and Sanskrit) may consider this item in greater detail.

Item No.7: To consider the question of integrating the National Service Scheme with the curriculum at the first degree level.

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The Panel considered the proposal and felt that the National Service Scheme cannot be integrated with the curricula of the subjects which come under the purview of this panel. This, however, does not preclude the operation of NSS as an activity itself.

Item No.8: To consider the proposals received from the University and college teachers for financial assistance for undertaking advanced research.

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The Panel considered the proposals received from advanced research in languages and linguistics and made the following recommendations:

- i) The proposal of Dr. S. Nagarajan, Head of the Department of English, Poona may be considered under the U.G.C. scheme of assistance for writing university level books.
- ii) Dr. S.K. Desai, Head of the Department of English, Shivaji University may be advised to revise the project in the light of the comments made by the experts and the revised proposals when received may be placed before the panel for consideration.
- iii) An amount of Rs.2,000/- may be sanctioned under the UGC scheme for assistance for short-term projects to Dr. G.N. Rao, Lecturer in English, Sri Venkateswara University.

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- (iv) Views of experts on the projects submitted by Dr. M.S. Gangadhar, Head of the Department of Marathi, S.H.D.T. University, awaited.
- (v) Dr. S. Acharya, Reader in Linguistics, Gujarat Vidyapith may be advised to delimit his project to one region as suggested by the expert. The comments of the expert may be communicated to him and he may be advised to revise the project accordingly.
- (vi) The proposal for assistance submitted by Dr. V.I. Subramanian, Head of the Department of Linguistics, Kerala University for undertaking Muslim dialect survey may be considered as part of the V Plan development as was done in the case of the two earlier similar project undertaken by him and the proposal may be considered by the Fifth Plan Visiting Committee. The Kerala University may if it so desires appoint Research Assistants upto March, 1975 for initiating the project. Under reference can meet 50% of the expenditure thereon from their own resources and other 50% may be met from out of funds that may be allocated by the Commission to it during the Fifth Plan. Expenditure on this amount should be treated as first charge on the University Grants Commission allocation to the university.
- (vii) Dr. S.B. Kulkarni, Reader in Linguistics, Nagpur University may be advised to specify one tribe whose language he proposes to survey and submit on revised project as suggested by the expert.
- (viii) Smt. G. Trivedi, Professor of Hindi, Banaras Hindu University may be advised to remodel the project on the lines suggested by one of the experts and the revised project when received be placed before the panel.
- (ix) Views of the experts on the proposals of Dr.M.M. Mohamed, Head of the Department of Hindi, Calicut University and Dr. U.B. Singh, Professor of Hindi, Delhi University may be awaited.
- (x) The proposal of Dr. B.N. Prasad, Reader in Hindi, Magadh University may be referred to some Linguistic for their advice.

- (xi) Dr. A.P. Dixit, Head of the Department of Hindi may be requested to give a list of works of Marathi Saints which he wants to edit and submit a revised proposal indicating financial requirements for editing each of these works.
- (xii) Views of experts on the proposals of Dr. U.J. Surti, Head of the Department of Hindi, S.N.D.T. College for Women, Bombay. Dr. G.N. Morje, Head of the Department of Marathi, Ahmednagar College and Dr. R.C. Hiremath, Professor of Kanada, Karnatak University may be awaited.
- (xiii) The panel recommended that assistance for advanced research may be provided to the following teachers:

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S.No.	Name & Designation	Topic of Research	Amount Recommended	Purpose
			Rs.	
1.	Dr. GC Misra, Professor & Head of Oriya Sambalpur University.	Bibliography of Oriya Periodicals of one hundred years (1850-1950) and its socio-cultural impact on Orissa.	10,000/-	One Research Assistant Books and Journals Questionnaire and Stationery.
2.	K.V. Subbarao, Reader in Linguistic, Delhi University.	India as a linguistic area-study in Linguistic and sociolinguistic typology.	65,000/-	Research Assistants Workshops & Contingencies.
3.	Shri R. Sidarsanam, Professor of English, Linguistic Department.	Communication in Tamil and English by the Agricultural Scientists and by AIR, TV and print for purposes of extension education and formal education.	10,000/-	One Research Assistant Field Work Questionnaire.
4.	Prof. ST Narasimachari, Professor & Head of the Department of Hindi, Sri Venkateswara University.	Encyclopedia of western literary terms in Hindi.	20,000/-	One Research Fellow Book & Stationery
5.	Dr. E.R. Srikrishna Sharma, Head of Sanskrit Deptt. S.V. University.	Sankala Code	25,000/-	Books, Journals & One Research Asstt.

The Panel could not accept the other proposals placed before it for consideration.

Item No.9: To consider the proposals received from the university and college teachers for financial assistance for undertaking short-term projects.

The panel considered the proposals received from university and college teachers for assistance for short-term projects in language and linguistics and recommended that assistance be provided by the Commission to the following teachers for undertaking short-term projects:

S.No.	Name	Sl. synopsis	subject	Amount recommen
				Rs.
1.	Dr. P. Srinamamurti	(1)	Sanskrit	2,000/-
2.	Shri SO Chakrabarti	(4)	-do-	1,000/-
3.	Shri S. Bhattacharya	(6)	-do-	800/-
4.	Kumari Rani Sharma	(5)	Supplementary list	1,000/-
5.	Dr. G.N. Rajguru	(11)	Hindi	2,000/-
6.	Dr. Dixit Durga Vishwanath	(12)	-do-	1,500/-
7.	Shri P.K. Annamma	(31)	-do-	2,000/-
8.	Shri B.D. Lal	(57)	-do-	1,000/-
9.	Shri G.P. Joshi	(62)	-do-	1,000/-
10.	Dr. Jai Lal Handoo	(66)	-do-	2,000/-
11.	Shri Rajyounath Yaswico Bivalkar.	(70)	-do-	1,000/-
12.	Sh. MM Jawliya	(75)	-do-	1,000/-
13.	Shri S. Marathe	(4)	English	1,000/-
14.	Dr. (Mrs) AT Bhatia	(11)	-do-	600/-
15.	Dr. Maude Prabhakar	(5)	Marathi	2,000/-
16.	Sh. P.M. Joseph	(2)	Malayalam	1,200/-
17.	Sh. N. Ramalingam	(2)	Tamil	2,000/-
18.	Sh. D. Sivaramamurti	(3)	Telugu	1,500/-
19.	Shri M.R. Rao	(4)	-do-	1,000/-
20.	Smt. W. Raiz	(1)	Urdu	2,000/-
21.	Dr. A.N. Shaikh	(2)	-do-	2,000/-
22.	Shri Mirza Akbar	(2)	Supplementary list	2,000/-
23.	Dr. C.F. Roy	(1)	Linguistic	2,500/-
24.	Shri SS Narayana	(3)	-do-	5,000/-
25.	Shri IM Joshi	(5)	-do-	5,000/-
26.	Shri PP Rao	(7)	-do-	4,500/-
			(subject to his being a teacher)	
27.	Dr. G.P. Savana	(9)	-do-	1,200/-
28.	Sh. G.A. Variast	(10)	-do-	3,500/-
29.	Dr. V. Pockasan	(3)	Supplementary Linguistic	2,000/-

Item No.10: To receive a list of university professors in Languages including Linguistics.

The list of University Professors may be up-to-dated by the Commission.

Item No.11: To consider the recommendation made by the UGC Standing Committee on development of Libraries in the universities about the desirability of establishing specialised Seminar libraries in the universities.

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The Panel recommends that in the established universities where there are department libraries, they can be developed as 'seminar libraries'; and in the new universities and colleges, seminar libraries may be instituted.

Item No.12: To consider the question of preparing 'readings in Indian Linguistics and critical anthologies in the fields of literature'.

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The Panel recommends that in developing new areas such as Indian Linguistics, there is a need for bringing out the readings in Indian Linguistics' should consist of selected articles of Indian Linguistics covering various areas of Indian Linguistics such as Historical, applied, descriptive and socio-linguistics. To bring with a consolidated book of readings may be brought out. The Panel recommends that such readings should be subsidised by the University Grants Commission and assistance for the preparation of such readings should be provided for.

In the fields of literature, it is desirable that critical anthologies should be brought out with suitable annotations. The Panel recommends that such proposals should be considered by the University Grants Commission and subsidised.

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Minutes of the meeting of the Panel on History held on  
9th October 1974

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The second meeting of the Panel on History was held in the Commission's office on 9th October 1974 at 10-30 A.M. The following members were present :-

1. Professor Satish Chandra  
Vice-Chairman  
University Grants Commission  
New Delhi.
2. Professor B.B. Lal  
Professor of Ancient History  
Jiwaji University  
Gwalior
3. Professor S.C. Misra  
Professor of History  
Baroda University  
Baroda
4. Dr. J.N. Kaul  
Jt. Secretary  
University Grants Commission  
New Delhi.

Professor R.S. Sharma, Dr. S. Gopal and Dr. H. Subramaniam could not attend the meeting. Dr. J.S. Grewal, Professor of History, Guru Nanak University attended the meeting by special invitation.

The panel considered the following items :

Item No.1 : To receive the final report of the panel adopted at the meeting held in March 1974.

The panel made the following recommendations :

1. The question of developing museums and providing audio-visual aids for the Departments of History/Archaeology in the universities may be given high priority during the V plan period and the universities may be advised to include such proposals in their V Plan development schemes for consideration by the Visiting Committees.

2. The suggestion for promoting archaeological studies in the universities and for organising a seminar jointly with the Archaeological Survey of India for this purpose at Poona University may be pursued.

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3. A sub-committee in consultation with the Vice-Chairman, U.G.C. who is also the Convenor of the panel may be appointed to prepare a list of basic books and important journals for the benefit of the colleges which are having postgraduate courses in history/archaeology.
4. Regional seminars may be organised to consider the question of updating the syllabi in History at undergraduate and postgraduate levels. About 10 universities may participate in each of these seminars and the number of participants in each seminar may be about 30. The possibility of organising two seminars one in the western region and other in the northern region may be considered in the first instance. A sub-committee may be appointed to prepare working papers for consideration at the seminar.
5. Item No.2 : To receive the draft report of the Review Committee on Teaching and Research in History.

The consideration of the draft report of the Review Committee on the teaching and research in History constituted in 1964 by the Commission, was postponed to the next meeting of the panel.

- Item No.3 : To consider the question of preparing a status report in history indicating the most promising areas of development, the work done in the existing centres and the nature of support needed.

It was noted that Prof. R.S. Sharma had agreed to prepare an appraisal report in History on the basis of V Plan development proposals received from the universities. This report would serve as guideline to the Visiting Committees when they visit the universities to assess their V Plan requirements.

The question of preparing a comprehensive status report in History and Archaeology, may be considered at the next meeting of the panel.

- Item No.4 : To consider the question of undertaking a study of the existing position with regard to the award of doctorate degrees and suggest measures for improving the existing system in the interest of raising the standards.

It was felt that the present position, with regard to the award of doctoral degrees varies from institution to institution and subject to subject and there was a need to improve the existing system. The panel felt that it will be useful to discuss this question in detail at the regional seminars.

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Item No.5 : To consider the recommendations made by the Review Committee appointed by the I.C.S.S.R. about developing research methodology courses in the universities and the question of developing and strengthening Pre-Ph.D. courses in the universities.

The panel noted that the Commission has recently decided to set up a Committee to consider the entire question of introduction of M.Phil. courses in the universities. The panel felt that it will be useful to discuss the question of development of pre-ph.d. courses in the universities at the regional seminars.

Item No.6 : To consider the suggestions received from the teachers about areas of priority research in History.

The panel considered the various suggestions received from teachers for inclusion of items under areas of priority research in History and felt that there was no need for the present to reverse the areas of priority research in History indicated in the brochure.

Item No.7 : To consider the recommendation of the National Commission for the compilation of History of Science in India.

The panel felt that there was a need to encourage the teaching and studies in History of Science in some selected universities during the V Plan period and made the following recommendations in this regard.

- a) Assistance for promotion of studies in History of Science may be provided to some selected universities by the Commission outside the V Plan allocation.
- b) Assistance may be made available to the universities for appointment of a Reader or a Lecturer for teaching History of Science and for books and journals needed for the teaching of the subject.
- c) The teaching of History of Science may be introduced at M.A. level by providing one or two optional papers in History of Western/Indian Science.
- d) About four universities on regional basis may be provided assistance by the Commission for the above purpose during the V Plan period.

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Item No.8 : To consider the question of integrating the National Service Scheme with the curriculum at the first degree level.

The panel felt that the possibility of introducing field work and survey projects in the curriculum at undergraduate level in History may be examined by the appropriate academic bodies of the university. These may be taken up as group projects and credit could be given for this. The panel, however, felt that it would be difficult to integrate the National Service Scheme in the History curricula at undergraduate level.

Item No.9 : To receive a list of university professors in History.

The panel modified the list of university professors as far as possible and desired that the list may be updated by the Commission after circulating it to the universities and concerned departments. The panel in this connection made the following suggestions :

- i) The possibility of including scholars in History who are working in the institutions other than the universities in the list may be examined.
- ii) The Commission may also maintain a list of eminent university professors in each subject who have retired from the universities as Professors.

Item No.10 : To consider the proposals received from the university and college teachers for financial assistance for undertaking advanced research.

It was agreed that the proposals received for support for advanced research in History and Archaeology may be considered at the next meeting of the panel.

The panel further suggested that as the Commission had received proposals for financial assistance for undertaking archaeological ~~expeditions~~ <sup>excavations</sup>, it would be useful to invite the Director General, Archaeological Survey of India, as a special invitee at the next meeting of the panel to have the benefit of his advice in such matters.

Item No.11 : To consider the proposals received from the university and college teachers for financial assistance for undertaking short-term projects.

The Commission considered short-term projects received from university and college teachers and made the following recommendations:

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1. The proposals at SI.Nos. 1, 7, 17, 23, 24, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43 and supplementary No.2 may be considered at the next meeting of the panel.
2. The proposals at SI.No.2, 3, 4, 5, 8, 9, 10, 11, 12, 18, 21, 25, 27, 28, 33 supplementary No.1 and 4 could not be accepted.
3. The proposal at SI.No.6 may be referred to Professor S.C. Dube for his advice. The proposals at SI.Nos.30 and 31 may be referred to the panel on Political Science for consideration.
4. The proposals at SI.No.13 and 14 may be considered under long term projects and experts' opinion may be obtained on these proposals in the first instance.
5. The following grants were recommended for the other projects :

<u>S.No.</u>	<u>SI.No. in the synopsis</u>	<u>Name</u>	<u>Amount recommended</u>
1.	15	Smt. G.S. Laxman	2,000/-
2.	19	Dr. S.P. Sangam	3,000/-
3.	20	It. Col. M.G. Abhyankar	3,600/-
4.	26	Sri. J.B. Pawar	2,000/-
5.	29	Dr. S.N. Sen	2,000/-
6.	32	Sh. M.K. Manchanda	2,500/-
7.	5	Dr. S.B. Singh	2,500/-
Supplementary			

6. The proposals received in Music and Fine Arts may be placed at the next meeting of the panel and an expert in Fine Arts may be invited, as a special invitee, to help the panel in considering these proposals.
  7. The applicants at SI.No.16 and at supplementary No.3 may be requested to send synopsis of their projects and the details of assistance required by them in the first instance.
- Item No.12. To consider the recommendation made by the UGC Standing Committee on development of libraries in the universities and desirability of establishing specialised seminar libraries in the universities.

The panel agreed with the recommendation of the Library Science Committee that it would be difficult to establish departmental libraries in well established universities. The central libraries should be strengthened at the universities.

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APPENDIX VIII

REPORT OF THE PSYCHOLOGY PANEL

The second meeting of the Psychology Panel was held on 14 and 15 October, 1974 in the Office of the Commission. The following were present:

- 1) Professor R. Rath
- 2) Professor E.I. George
- 3) Professor A. Ansari
- 4) Professor S.M. Mohsin
- 5) Professor N.V. Manuel
- 6) Professor S.D. Advani

Item No. 1 - The report of the Committee was reviewed alongwith the suggestions made by the Committee of Conveners of the Panels on Humanities and Social Sciences at its meeting held on 22nd August, 1974. The observations made by the Committee on the possibility and desirability of undertaking a survey and assessment of research projects in Psychology which was approved by the UGC is not worth the trouble. Since the grants paid to the research scholars were not much much it was not considered desirable to take all the trouble of assessing a large number of such projects.

It was also observed that the list of colleges given as priority areas is not properly recorded from the ICSSR Review Committee Report (Volume I-pp.41-44 and 127-128) where trends, gaps and priority areas of research have not been spelt out - Necessary corrections should be made in the brochure which has listed the areas of priorities in Psychology.

The first meeting of the Panel suggested that the status of teaching Psychology at the undergraduate and postgraduate levels should be assessed and the status report prepared. The Committee reiterated the earlier decision of the Panel and suggested that a Sub-Committee might be appointed to prepare the status report relating to teaching of the subject at the undergraduate and postgraduate levels. A sub-committee consisting of Prof. R.Rath, Prof.E.I. George and Prof. A.Ansari was set up and it was requested to prepare the status report within a period of about 4 months. Dr. R.Rath was requested to coordinate the work.

Item 2: The status report in Psychology indicating the most promising areas of development prepared by Prof. R.Rath was discussed and accepted. This review report contains information only about 23 departments in India. The proposals and research information of other departments were not sent by the UGC for review.

Item 3: The question of undertaking a study of the existing position with regard to the award of Doctorate degrees was also referred to the Sub-committee set up for preparing the status report.

Item 4: The committee was of the opinion that a Ph.D. candidate should be required to qualify an examination before he is finally accepted for Ph.D. research. This qualifying examination may be prescribed by the supervisor. This question may also be referred to the sub-committee set up for the purpose of preparing the status report.

Item 5: The committee considered the suggestions made by some teachers with regard to the inclusion of certain items in the priority list. The Committee accepted the following two items to be included in the list: (1) Community Psychology; and (2) Curriculum development and text-book productions for primary and secondary schools. After the necessary corrections are made in the priority list in the light of the ICSR Review Report (Vol.I), the question of inviting further suggestions in this respect may be referred to sub-committee.

Item 6: Optional papers in Social Pathology may be included only at the Honours and M.A. levels.

Item 7: The Committee considered it desirable to develop departments of mass communications and journalism in the universities in active cooperation with the Psychology departments. Teachers involved in Social Psychology would be able to handle such problems more efficiently.

Item 8: The Committee was of the view that NSS could be made an integral part of the curriculum at the undergraduate level. It was felt that students undergoing teaching in child psychology, abnormal psychology, educational psychology and industrial psychology could go to the community and undertake project work. They should visit the schools and help teachers in managing the classes better. They can go to different and make assessment of psychopathic cases, cases of problem behaviour and prepare case histories of patients. They could also visit the homes of such patients and help them to understand such problems. They might also visit industrial areas and tackle various problems relating to industrial tension, absentism, alcoholism, etc. In short, students of Psychology can be of immense help in certain areas of inevitable social behaviour creating problems for the community.

Since it is a very difficult task and the students need constant guidance and supervision, enough trained staff may be provided if NSS in areas of Psychology is to be effective. It should be introduced as an optional subject in some universities to start with.

Item 9: Proposals received from the university and college teachers for financial assistance were considered. The Committee's recommendations are indicated below:-

- (1) Dr. G.G. Gupta - He may be asked to indicate items of equipment which he wants to obtain and the purpose for which the two research fellows are to be appointed for the project. After this information has been received, the matter may be referred to the Convener of the Panel for advice.

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- (2) Dr. (Mrs.) P. Gupta - Views of experts may be awaited.
- (3) Dr. M. Falsana - He may be requested to revise the project in the light of the comments made by the experts which may be communicated to him.
- (4) Dr. SN Rao - Proposal could not be accepted.
- (5) Sh. BK Ramani - Proposal could not be accepted.
- (6) Dr. (Mrs.) GB Mohanty - She may be asked to revise the project in the light of the suggestions given by the experts.
- (7) Dr. P. Makte - He may be requested to revise the project in the light of the comments made by the experts.
- (8) Dr. K. Nath - The suggestions made by the experts may be communicated to Dr. Nath so that he could keep the suggestions in view in conducting the research. With these modifications the proposal may be accepted after the financial assessments have been revised in the light of the suggestions made by the experts.
- (9) Dr. P. Panonamukhi - He may be requested to delimit his project to the Maharashtra State and revise his financial estimates accordingly.
- (10) Sh. GS Murthy - Proposal could not be accepted.
- (11) Dr. SK Misra - Views of experts may be awaited.
- (12) Dr. BN Puhan - He may be requested to revise the project in the light of the comments made by the experts.
- (13) Dr. MM Sinha - After the view of the other experts have been received, his proposal may be referred to the Convener of the Panel for advice.

Seven proposals received for advanced research in Education were considered. The Committee could not accept any proposals in Education.

Item 10: The Committee recommended grants for the following teachers:-

S.No.	S.No. in the Synopsis	N a m e	Amount recommended
A. <u>Psychology</u>			Rs.
1.	2	Dr. (Mrs.) Meera Verma	2,500
2.	5	Sh. S. Mathawat	2,500



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S.No.	S.No. in the Synopsis.	Name	Amount recommended
3.	6	Sh. RD Helode	3,000
4.	7	Dr. VK Kothurkar	4,000
5.	8	Mrs. HF Giriya	2,500
6.	9	Sh. BV Asthana	5,000*
7.	12	Sh. GP Choudhary	3,000
8.	13	Shri TP Thakur	3,500
9.	18	Sh. BS Tripathi	2,000

Supplementary List

10.	2	Km. K. Jachuck	5,000
11.	3	Kr. SL Sahu	4,500
12.	4	Dr. GC Bhattacharya (Subject to his working on Bengali Adaptation of (1) WISC (2) WLAS.	2,500

B. Education

1.	1	Sh. AS Sethi	3,000
2.	2	Sh. BC Sharma	3,000
3.	5	Dr. HG Desai	3,000
4.	9	Dr. P. Noronha	500
5.	17	Sh. JJ Trivedi	2,000
6.	19	Dr. (Miss) MM Shah	700
7.	21	Sh. D. Srivisastava	2,500
8.	22	Km. I. Franklin	2,000
9.	25	Sh. MN Verna	2,000
10.	26	Sh. GR Sharma	2,500
11.	27	Sh. SP Misra	2,500
12.	28	Sh. ML Sharma	1,500
13.	30	Sh. S. Singh	1,500

Supplementary List

14.	31	Sh. PL Maladkar	2,000
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Add. Supp.

15.	1	Sh. SC Pant	3,000
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\* Subject to Dr. S. D. Singh agreeing to guide his work.



The other proposals could not be accepted by the Panel. The proposal of Shri V.S. Joshi may be referred to the Panel on Political Science.

Item 11: The Panel modified the list of university professors in Psychology and Education and suggested that the list would be circulated to the university professors mentioned in the list for making it up-to-date.

Item 12: The Panel was of the view that it would be difficult to set up separate seminar libraries in each department or for Social Science departments. Separate sections in the main library may be organised and strengthened to include research information and re-prints.

Report of the Law Panel

The second Meeting of the Panel on Law was held in the Office of the Commission on 23rd September, 1974 at 10.30 A.M.. The following were present:-

1. Dr. George Jacob,  
Chairman,  
University Grants Commission,  
New Delhi.
2. Professor Satish Chandra,  
Vice-Chairman,  
University Grants Commission,  
New Delhi.
3. Dr. G.S. Sharma,  
Professor and Head of the  
Department of Law,  
Rajasthan University,  
Jaipur.
4. Dr. R.C. Hingorani,  
Professor and Head of the  
Department of Law,  
Patna University,  
Patna.
5. Dr. Upendra Baxi,  
Professor of Law,  
Delhi University,  
C/o A.R.S.D. College, Building,  
Dhaura Kuan,  
New Delhi-21.
6. Prof. B.S. Murty,  
Professor and Head of the  
Department of Law,  
Andhra University,  
Waltair.
7. Dr. P.K. Tripathi,  
Member,  
Law Commission,  
New Delhi.
8. Dr. A.T. Markose,  
Professor of Law,  
Cochin University,  
Cochin.

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9. Dr. Indira Deva,  
Prof. of Sociology,  
Ravi Shankar  
University, Raipur.
  
11. Dr. S.K. Agarwal,  
Professor of Law,  
Poona University,  
Poona.
  
12. Dr. J.N. Kaul,  
Jt. Secretary,  
University Grants Commission,  
New Delhi.
  
13. Shri A.B. Gupta,  
Education Officer,  
University Grants Commission,  
New Delhi.

Mr. Justice Prakash Narain, Judge, Delhi High Court could not attend the meeting.

Item No.1: To receive the final report of the panel adopted at its meeting held in March, 1974.

The Panel discussed the question of duration of the LL.B. Course and decided to recommend to the Commission that the Course should be of three year's duration with practical training integrated into it.

The Panel recommends that institutions imparting legal education may not generally be encouraged to start Master's Degree courses in Law, Only in exceptional cases where all the conditions as indicated in the proceedings of the Poona Conference on legal education have been fulfilled by our Institutions, should the question of permitting it to start the LL.M. course be considered.

The Panel considered the matter of imparting LL.M. instruction to part-time students. It is recommended that LL.M. education should be offered to whole-time students only and it is undesirable to impart LL.M. education to part-time students. The Panel recommends, however, that whole-time students should be provided with adequate financial assistance, and that for this purpose LL.M. course be equated with M. Phil. course. The LL.M. course must necessarily have substantial

research content and include instruction in research methodology and project work.

It was agreed that Prof. Indra Deva & Dr. Upendra Baxi will examine how best the course contents and research for LL.M. degree should be made socially relevant and their report may be placed at the next meeting of the Panel. It was further agreed that the problem of medium of instruction be examined by a Committee consisting of Prof. G.S. Sharma and Dr.B.S. Murty, Dr. P.K.Irani and Dr.R.C. Hingorani. Since this problem is specially relevant to the future development of the teaching programme and scholar research in Law. The report of this Committee may be placed at the next meeting of the Panel for consideration.

The Panel considered the question of admissions to the LL.B. courses and felt that for variety of reasons no definite recommendations can be made in this regard.

The Panel recommended that the proposals for introducing ~~invitations~~ invitations in the examination system could also be invited from the university departments of Law and the Law Colleges and a few Institutions could be provided assistance by the University Grants Commission for this purpose.

Item No.2: To consider the question of preparing a status report in Law indicating the most promising areas of development, the work done in the existing centres and the nature of support needed.

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It was agreed that the convenor of the Panel will prepare a report on the development of teaching and research in Law in the university during the Fifth Plan period keeping in view the views expressed by the members in this regard.

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Item No.3: To consider the question of undertaking a study of the existing position with regard to the award of doctorate degrees and suggest measures for improving the existing system in the interest of raising the standards.

Item No.4: To consider the recommendation made by the Review Committee appointed by the ICCSR about developing research methodology courses in the universities.

Item No.5: To consider the suggestion received from the teachers about areas of priority research in Law.

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On the suggestion of some members, items 3,4 & 5 were taken up together for consideration as they are inter-related. The course of research methodology be part of compulsory instruction for the LL.M. course. Dr.Upendra Baxi was requested to undertake a study of the Ph.D. work already done in Law by the Indian universities and submit a full report, analysing the nature of the work done along with the comments and suggestions for future, the drop outs of students who were registered and other features. The University Grants Commission was requested to give the necessary grant to the Delhi University for Dr.Baxi's work. It was generally felt that there should be no rigid list of priority for research areas in the field of Law. The topics listed in the report of the Panel should be treated as illustrative only. However, it is to be observed that in a subject like law which is so closely related to society, it is the responsibility of law schools to emphasize social implications and social consequences of the role of Law in Indian society.

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Item No.6: To consider the proposal for introduction of courses in criminology as a part of undergraduate courses in the universities.

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The question of introduction of courses in criminology at the LL.B. Degree was considered. It was pointed out that the law of crimes is one of the optionals which the student is permitted to offer during their instruction for the LL.B. course. This suggestion was accepted and the panel decided to recommend accordingly.

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Item No.7: To consider the proposals received from the university and college teachers for financial assistance for undertaking advanced research.

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Proposals for financial assistance to teachers for advanced research were considered. The Panel recommends a grant of Rs. 5,000 to Dr. M.Ghouse. Dr.B.S. Murty was requested to kindly outline in greater detail the research project and research design.

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Item No.8: To consider the proposals received from the university and college teachers for financial assistance for undertaking short-term projects.

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Proposals for financial assistance to teachers for short-term projects were considered. The Panel recommends a grant of Rs.2,500/- to Shri S.S.Singh of Rewa for contingency and internal travel and Rs.3,500/- to Shri K.S. Rao of Hyderabad. Shri Rao was requested that the work has to be done with emphasis on item(5) in his analysis i.e. application of the rules of natural justice in disciplinary proceedings against students. He should also deal with cases where a student goes to court on the ground of violation of natural justice in student election processes. Shri M.D. Komalam was requested to re-formulate the proposal emphasizing legislation and case law relating to the status of women.

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Item No.9: To consider the question of integrating the National Service Scheme with the curriculum at the first degree level in Law.

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It was agreed that a Committee consisting of Dr. G.S. Sharma (Convenor) and Dr. Upendra Baxi may look into the question of intergrating the National Service Scheme with the curricula of the LL.B. course and its report may be discussed at the next meeting of the Panel. The Committee may co-opt one member to assist it in its work.

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Item No.10: To receive a list of university professors in Law.

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The Panel considered the list of university professors in Law and the list as modified on the suggestions made by the Panel members is attached (Appendix).

Item No.11. To consider the suggestion for encouraging study of Parlimentary institutions.

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Constitution and procedure is being already taught in constitutional law paper. Greater emphasis may be given to practice of Parliamentary institutions like Mobb parliament. Courses through continuing education on the subject may also be organised.

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Item No.12: To consider the proposal of Delhi University for starting part-time LL.M. course at the Evening Law Centre(No.1).  
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The Panel could not agree to the proposal for the Delhi University for starting part-time LL.M. course in view of the views expressed by it earlier under item No.1.  
  
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CONFIDENTIAL

University Grants Commission

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Meeting  
Dated: 9/10th Dec.74

Item ~~2000~~ To consider the report of the committee appointed by the UGC to examine the proposal of the University of Rajasthan for financial assistance towards the introduction of correspondence courses at the postgraduate level.

1. The University Grants Commission, at ~~its~~ meeting held on 7th October, 1974, considered the report of the committee appointed by the University Grants Commission to examine the proposal of the Rajasthan University for financial assistance towards the introduction of correspondence courses at the post-graduate level. The Commission felt that it would be desirable to suggest specific guidelines in regard to the development of Correspondence Courses at the undergraduate and post-graduate levels to be offered by universities.
2. The Commission, at its meeting held on 11th November, 1974, generally accepted the guidelines suggested for the introduction of correspondence courses at the undergraduate and postgraduate levels. The Commission, however, desired that the question of organisational set up for correspondence courses in the universities, particularly their relationship with the university teaching departments and the role of correspondence education in breaking new ground at the under-graduate level may be referred to the Standing Committee on part-time education.  
(Resolution No.13).
3. The Report of the Committee placed before the Commission at its meeting held on 7th October, 1974 is attached (Annexure) The following recommendations of the committee are already in line with the guidelines accepted by the Commission.
  - (a) In future much greater attention will have to be paid to the selection of experts for preparation of lessons and guidelines, reference materials and review and editing of reading material. The above objectives can be achieved only when the departments in the university are more fully involved in the conduct of correspondence courses and the remuneration for writing and review of lessons is suitably enhanced.
  - (b) The Committee is not altogether satisfied in regard to student responses and assignments. The impression it gained was that student response sheets were not marked with care and deliberation. The University has to consider the way in which a group of students are placed under the charge of a tutor, who is responsible for ensuring that student response sheets and internal assessment is done properly and there is a proper feedback to the students.

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(c) The Committee also recommends the institution of postal library services by the university so that students enrolled in postgraduate correspondence courses may receive books through post at the cost of the university. They may be required to return the books at their own cost after the specified period.

(d) The teachers of the Institute as well as the President of the Rajasthan University Postgraduate Correspondence Study's Association impressed upon the committee the need for putting the sep up of the Institute on a permanent basis. This is highly desirable for the functioning of the Institute and for attracting and retaining well qualified staff in the Institute. Starting from 1968-69 correspondence courses have already run a cycle of six years in the university and in view of the fairly satisfactory enrolments and results at the undergraduate level, there seems to be no reason why the institute should not be run on a permanent basis.

(e) The other conditions mentioned in the guidelines accepted by the Commission will be brought to the notice of the university for necessary action.

4. The committee has recommended a grant of Rs.5,00,000 for a building for correspondence courses being 50 per cent of the estimated cost of Rs. 10,00,000. The committee has further recommended assistance for a period of two years to the University of Rajasthan for each of the subjects of History and Political Science for the following items of expenditure as already approved by the Commission in the case of the University of Mysore and Panjabi University, Patiala.

- (i) Core Staff: One Reader and two Lecturers.
- (ii) Preparation of reading material and guidelines Rs.15,000.00 etc.
- (iii) Two contact programme and one orientation programme. Rs. 5,000.00
- (iv) Visiting Lectures and Provision for taped lectures. Rs. 5,000.00
- (v) Evaluation of reading material and students responses. Rs. 6,000.00

A grant of Rs.10,000/- for books and journals has also been recommended. The grants will be paid subject to their being an overall deficit in respect of postgraduate correspondence courses and the university implementing the recommendations of the committee and the guidelines.

The matter is placed before the Commission for consideration.

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Report of the committee appointed by the UGC to examine the proposal of the University of Rajasthan for financial assistance towards the introduction of correspondence courses at the postgraduate level.

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The University Grants Commission appointed a committee, consisting of the following members, to examine the proposal of the University of Rajasthan for financial assistance towards the introduction of correspondence courses at the postgraduate level,

1. Professor N.R. Deshpande  
Professor of Political Science and  
Public Administration,  
Nagpur University.
2. Professor S.C. Misra,  
Professor of History  
M.S. University of Baroda.
3. Dr. S.C. Goel  
Research Officer  
University Grants Commission,  
New Delhi.

2. Professor N.R. Deshpande visited the university on 15th July, 1974, but the other member of the committee viz professor S.C. Misra could not reach Jaipur on that date owing to unavoidable circumstances. Professor Misra and Dr. Goel visited the university on 8th August, 1974 and discussed the details of the proposal of the university with Professor, Iqbal Narain, Dean and Hony, Director of the Institute of Post-graduate Correspondence Studies, Shri J.N. Asopa, incharge, (History) and Dr. K.L. Kamal, incharge (Pol. Science). The committee also met the teachers of the institute of post-graduate correspondence studies. Shri V.P. Arya, President, Rajasthan University Postgraduate Correspondence Study's Association submitted a memorandum to the committee and also raised points about the fee structure, the need for putting up a building and the need for streamlining the working of the institute and the desirability of introducing new courses at the postgraduate level, specially courses having better job opportunities. The Committee also called on the Vice-Chancellor of University Shri K.P. Padhi. The main observations and recommendations of the committee follows:-

3. The proposal of the University of Rajasthan to introduce correspondence courses at pre-university (Commerce) and B.Com. levels through the medium of Hindi was accepted by the Commission at its meeting held on 7th February, 1968 (Resolution No. 70). The Commission at its meeting held on 6th March, 1968, agreed that grants to the university towards the institution of Correspondence Courses may be paid for a period of four years subject to the ceiling of Rs. 5,00,000/- (Resolution No. 25). The University started correspondence courses for the B.Com. Degree in July 1968 through the medium of Hindi. The proposal of the university to run the programme

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through the English medium also was accepted in July, 1969. In September, 1971 the university introduced (with the concurrence of the UCC) correspondence courses for M.A. in History and Political Science. It was decided that the quantum of assistance for the purpose may be determined later. The present Committee was constituted specially to examine the financial needs and requirements of postgraduate correspondence courses in the University.

4. For admission to the M.A. previous courses in Political Science and History, a candidate must have passed the B.A. examination or any other equivalent examination recognised by the university of Rajasthan. For admission to the M.A. final class the candidate must have passed the M.A. previous examination of the university of Rajasthan in the subject concerned. Candidates have the option to take their examination in Hindi or English but the instructional material is sent to them in Hindi only.

3. The papers for M.A. in History and Political Science required to be offered by candidates enrolled in the Institute of Correspondence Courses are given below.

M.A. (Previous) History ( for the Examination of 1973).

There shall be four papers of 100 marks each including 10% sessional marks.

Compulsory papers:

Paper-I, Modern World ( 1917 to 1945 A.D.)

Paper-II European History ( 1870 to 1917 A.D.)

Paper-III History of Rajasthan (1200 to 1900 A.D.)

Optional Paper-IV.

(a) Ancient India (600 B.C. to 78 A.D. ) or

(b) Medieval India ( 1200 to 1526 A.D.) or

(c) Modern India (1756 to 1858 A.D.)

M.A.(Previous) Political Science ( for the Examination of 1973).

There shall be four papers of 100 marks each, including 10% sessional marks.

Compulsory Papers:

Paper-I History of Political Thought from Plato to Marx.

Paper-II Comparative Political Institutions.

Paper-III International Politics.

Paper-IV. Theory and Practice of Public Administration.

M.A. (Final) History ( for the Examination of 1973).

There shall be four papers., three from any one of the following alternative groups of Indian History corresponding to IV paper of M.A. (F) and Essayy in the fourth paper. Each paper shall be of three hours duration carrying 100 marks (Theory 90, sessional 10), Besides, there shall be a

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Viva-Voce test of 100 marks.

Group A- Ancient India.

Paper-I Ancient India History (350 B.C. to 650 A.D.)  
Paper-II Elements of India Archaeology.  
Paper-III Social History of Ancient India.

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OR

Group-B- Medieval India.

Paper-I. (b) Medieval India (1526 to 1656 A.D.)  
Paper-II. (b) Medieval India (1656 to 1761 A.D.)  
Paper-III. (b) Social, Economic and Administrative Institutions of Medieval India.

OR

Group-C- Modern India.

Paper-I (c) Modern India (1858 to 1905 A.D.)  
Paper-II (c) Modern India 1906 to 1950 A.D.)  
Paper-III (c) Social and Economic History of Modern India.

Compulsory -IV Paper Essay.

M.A. (Final) Political Science.

Compulsory Papers.

1. Paper V- Modern Political Theory.
2. Paper VI- Indian Government and Politics.

Optionals:

Two papers from any of the following groups:

Group A- Political Theory.

Paper -I (i) Socialist theories,  
Paper-II (ii) Modern Indian Social and Political Thought.

Group-B. International Affairs:

Paper-I (i) International Law.  
Paper-II (iv) International Politics, with special reference to foreign policies of U.S.A., USSR, UK, China and India.

Group -E Indian Government and Politics.

1. (i) Modern Indian Social and Political Thought.
2. (ii) Public Administration in India.
3. (iii) State Politics in India.

Only those groups will be allowed in M.A.(Final) in which atleast 50 students take admission,

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6. In addition to the instructional material sent out to the students at regular intervals, the university organises contact programmes for them. Particular mention may be made of the personal contact programmes organised by the university at Jaipur, Chandigarh and Delhi during the last two years. Teachers of the university of Rajasthan, Jamia Millia Islamia, Jawaharlal Nehru University, University of Delhi and Panjab University participated in these camps. A study centre is also maintained by the university at Delhi.

7. The core staff in each of the subjects consists of one Reader, who is designated as Incharge and four Lecturers. The administrative staff of the Institute of Postgraduate correspondence studies consists of one Section Officer, two Assistants, One Accountant, One Stenographers, 5 U.D.Cs, 11 L.D.Cs and 7 class IV staff. The University also takes the help of teachers in the university departments and affiliated colleges for writing of lessons and evaluation work. The lessons are prepared by teachers who are paid a remuneration of Rs.125/- per lesson. Rs.50/- are paid for review of a lesson. A teacher who reviews lessons for a whole paper is given an honorarium of Rs.250/-. During the last three years, the expenditure incurred on this account has increased from Rs. 17,336 in 1971-72 to Rs.25,807 in 1972-73 and Rs.50,000/- in 1973-74. (Budget estimates). Remuneration for part-time evaluation has also increased from Rs.244 in 1971-72 to Rs.1,663 in 1972-73 and Rs.60,000/- in 1973-74 (budget estimates).

8. A statement of the students enrolled and their examination results is given below.

HISTORY

	M.A. (Previous)			M.A. (Final)		
	1971-72	1972-73	1973-74	1972-73	1973-74	
1. No. of students enrolled.	320	628	770	179	320	
2. No. of students appeared in Exam. 234,		445	-	171	-	
3. No. of students passed.	189	345	-	139	-	
4. No. of students failed.	45	47	-	13	-	
5. Results withheld.	-	53	-	19	-	
6. Result	81%	80%	-	92%	-	
7. Division	I II III	I II III		I II III		
	- 50 139	2 162 181		2 50 87		

contd...

POLITICAL SCIENCE

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	M.A. (Previous)			M.A. (Final)	
	1971-72	72-73	73-74	1972-73	73-74
1. No. of students enrolled.	573	1300	1730	315	620
2. No. of students appeared.	406	799	-	293	-
3. No. of students passed.	320	589	-	226 I 1 II 67 III 158	-
4. No. of students failed.	86	201	-	54	-
5. % of students passed.	78.4%	74.34 %	-	77.13%	-
6. Result withheld	-	9	-	13	-

9. The committee welcomes the initiative taken by the University of Rajasthan in offering correspondence courses for M.A. in History and Political Science. It feels that on purely a priori grounds, correspondence education is an effective method of education, if well-conducted. The University of Rajasthan also gained sufficient experience of running correspondence courses at the undergraduate level before it was permitted to offer correspondence courses at the postgraduate level. However, in the context of general policy, the committee is not sure whether correspondence courses could be organised on a self-supporting basis if a university simultaneously allows private appearance at University examinations, as done by the University of Rajasthan. In fact, there is every likelihood of enrolment in the current year going down. The university has so far been able to admit only 59 students to M.A. in Political Science and 44 students for M.A. in History. It has already started having a deficit on account of correspondence courses for the B.Com. degree. These developments would naturally cast their shadow on the viability and efficacy of correspondence education. The present position calls for an immediate review so that correspondence courses are made so attractive and rewarding that a sufficiently large number of students would like to have the benefit of this important channel of education.

10. The committee is concerned about the maintenance of standards at the postgraduate level which is the seminal point of higher education. From the viewpoint of standards, the preparation of reading material and guidelines is crucial for the success of the programme. The estimate of experts in History and Political Science who were members of this committee is that a substantial portion of the total instructional material prepared by the university could be considered as satisfactory. In history the material on Indian History was on the whole well-written and satisfactory, that an European and non-Indian history needed improvement. The emphasis was more

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on imparting information than on promoting understanding and the latter aspect needs to be more carefully and imaginatively looked into. Secondly a close scrutiny has to be made of the questions/exercises which the students are required to do and return. These have been on the whole poorly framed and are stereotyped. Such exercises may be based not only on the questions asked in the examination but also on the need of appraising the students' critical understanding of the material sent to him. Critical evaluation will be possible only if these exercises are carefully framed, which needs to be done. These comments also apply to Political Science. This would mean that in future much greater attention will have to be paid to the selection of experts for preparation of lessons and guidelines, reference materials, and review and editing of reading material. The above objectives can be achieved only when the departments in the university are more fully involved in the conduct of correspondence courses and the remuneration for writing and review of lessons is suitably enhanced.

11. The committee is not altogether satisfied in regard to student responses and assignments. The impression it gained was that student response sheets were not marked with care and deliberation. The university has to consider the dispensation under which a group of students are placed under the charge of a tutor, who is responsible for ensuring that student response sheets and internal assessment is done properly and there is a proper feedback to the students.

12. From the statewide enrolment of students in university correspondence courses, it is noted that 97% of the students in M.A. Political Science, 86% students in M.A. Previous History and 95% students in M.A. final History were from the States of Rajasthan, Delhi (Union Territory) Haryana and Punjab in that order during the session 1973-74. The university should therefore try to have collaborative arrangements with university departments or postgraduate colleges in these States so that students can make use of local libraries and received guidance from selected teachers. The university could consider paying a token amount for these services. Moreover, it is necessary, if the Institute aims at having an all India coverage, that there are better arrangements for publicity, especially in distant states.

13. So far the Institutes for postgraduate and undergraduate correspondence courses in the university have been functioning as separate units. The university now proposes to merge the two units so that the Institute of correspondence courses has a unified control for purposes of administration while retaining autonomy and freedom in regard to academic matters such as the selection of lesson writers, reviewers, conduct of contact programmes, evaluation of student responses etc. The Institute will function under the charge of a whole-time Director, as the present arrangement of designating a professor as honorary Director is not altogether satisfactory, in view of the fact that the management of a correspondence course Institute requires full time attention. The Director and the Readers in charge of various subjects should be able to work in co-operation with the University Heads of Departments concerned in regard to academic matters. The effective success of the correspondence course programme requires much greater involvement of teachers in the departments in the work of the Institute and of teachers in the Institute in the teaching & research activities of the departments. For financial matters, the Institute could have a Governing Body on the pattern of the university of Delhi to ensure the smooth day-to-day functioning of the Institute.



14. It would be necessary for the university to maintain separate accounts for undergraduate and postgraduate correspondence courses, especially in regard to those facilities which are approved by the Commission for postgraduate correspondence courses. This seems to be necessary in view of the fact that the period of UGC assistance towards undergraduate correspondence courses in the University of Rajasthan is already over.

15. The Committee also recommends the institution of a postal library services by the university so that students enrolled in postgraduate correspondence courses may receive books through post at the cost of the university. They may be required to return the books at their own cost after the specified period.

16. The teachers of the Institute as well as the President of the Rajasthan University Postgraduate Correspondence Study's Association impressed upon the committee the need for making the set up of the Institute permanent. This is highly desirable for the functioning of the Institute and for attracting and retaining well qualified staff in the Institute. Starting from 1968-69 correspondence courses have already run a cycle of six years in the university and in view of the fairly satisfactory enrolments and results at the undergraduate level, there seems to be no reason why the Institute should not be run on a permanent basis.

17. The tuition fee charged from the correspondence course students should be regulated keeping in view the fee charged from regular students of the university and after examining the cost-structure of the parallel courses. The present amount of tuition fee is Rs.350/- per annum (payable in three instalment of Rs.150/-, Rs.100/- and Rs.100/-) as against a fee of Rs.200/- p.a. charged from regular students. This seems to be discriminatory, especially in view of the fact that the existing to correspondence course students are not at par with those provided to regular students of the University.

18. The Institutes of undergraduate and postgraduate studies in the university of Rajasthan are at present housed in rented buildings. The need for a permanent building for the Institute is therefore apparent. The Commission has so far paid an amount of Rs.75,000/- for undergraduate courses in the university. A sum of Rs.4.25 lakhs is therefore available to the university for its building programme. In fact, the amount of Rs.75,000/- may have to be recovered from the university in case the accounts for the years 1968-69 to 1971-72 for B.Com. correspondence courses show a surplus. It should therefore be possible to sanction a building for the Institute at a cost of Rs.10 lakhs on 50:50 sharing basis. This could be accepted in principle so that the construction work may be taken up after the ban on the construction of new building is lifted.

19. The university proposes to start correspondence courses in a number of subjects like Hindi, Sociology, Commerce, Economics and Public Administration, according to a phased programme. The committee is of the view that

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the need in this regard should be assessed properly keeping in view the number of private students appearing at these examinations from year to year. In view of the existing needs and requirements and job opportunities, the committee is inclined to recommend the proposal for instituting diploma courses in banking, financial administration etc. The university may formulate its proposals in this regard and send them for the consideration of the Commission.

20. The statement of Income and Expenditure supplied by the university in respect of the postgraduate correspondence courses show a net income of Rs. 1,35,960/- for the year 1971-72 and Rs. 4,04,766/- for 1972-73. However, the budget estimates for 1973-74 show a deficit of Rs. 78,300/-. If the recommendations of the present committee are implemented in regard to writing of lessons, conduct of contact programmes, evaluation of response-sheets library services, fees and study centres etc., the postgraduate correspondence programme could possibly have a somewhat larger deficit. The committee recommends assistance for a period of two years to the university of Rajasthan for each of the subjects of History and Political Science for the following items of expenditure as already approved by the Commission in the case of the University of Mysore and Panjabi University, Patiala.

- |       |  |               |
|-------|--|---------------|
| (i)   | Core staff: One Reader and two Lecturers.              |               |
| (ii)  | Preparation of reading material and guidelines etc.    | Rs. 15,000.00 |
| (iii) | Two contact programme and one orientation programme.   | Rs. 5,000.00  |
| (iv)  | Visiting Lectures and Provision for taped Lectures.    | Rs. 5,000.00  |
| (v)   | Evaluation of reading material and students responses. | Rs. 5,000.00  |

A grant of Rs. 10,000/- for books and journals is also recommended. The grants will be paid subject to their being an overall deficit in respect of postgraduate correspondence courses and the University implementing the recommendations of the Committee.

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UNIVERSITY GRANTS COMMISSION

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Meeting :

Dated : 9th/10th Dec. '74.

Item 20 : To consider the report of the committee appointed by the UGC to examine the proposal of the Andhra University for financial assistance towards the introduction of correspondence courses at the postgraduate level.

The University Grants Commission, at its meeting held on 7th October 1974, considered the report of the committee appointed by the University Grants Commission to examine the proposal of the Andhra University for financial assistance towards the introduction of correspondence courses at the post-graduate level. The Commission felt that it would be desirable to suggest specific guidelines in regard to the development of correspondence course at undergraduate and post-graduate levels to be offered by universities.

The Committee, at its meeting held on 11th November 1974, generally accepted the guidelines suggested for the introduction of correspondence course at the undergraduate and postgraduate levels. The Commission, however, desired that the question of organisational set up for correspondence courses in the universities, particularly their relationship with the university teaching departments and the role of correspondence education in breaking new ground at the undergraduate level may be referred to the Standing Committee on part-time education (Resolution No.13).

A copy of the Report of the Committee placed before the Commission at its meeting held on 7th October 1974 is attached (Annexure). The Commission examined the proposal of the Andhra University for the introduction of correspondence courses from the point of view of demand and the willingness of the departments to assume responsibility for the conduct of correspondence courses and recommend the introduction of correspondence courses for M.A.(Economics and M.Com.) The guidelines now accepted by the Commission will be brought to the attention of the university for necessary action.

The Committee has recommended that assistance for the courses may be provided for a period of two years for each of the subjects for the following items of expenditure as already approved by the Commission in the case of Mysore University and the Panjabi University, Patiala.

1. Core Staff : One Reader and Two Lecturers.
2. Preparation of reading material and guidelines etc. Rs.15,000/-
3. Two contact programmes and one orientation prog. Rs. 5,000/-
4. Visiting Lecturers and provision for taped lecturers Rs. 5,000/-
5. Evaluation of reading material and students responses Rs. 5,000/-

A grant of Rs.10,000/- for books and journals is also recommended. The grants will be paid subject to there being an

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over-all deficit in respect of postgraduate correspondence courses and on condition that the university implements the recommendations of the Committee and the guidelines.

The University has requested a grant of Rs.49,000/- for extension of the correspondence course building to enable it to have postgraduate correspondence courses in the same building. The area required is 1650 sq.ft. and the cost will be Rs.49,000/- (including service and furniture). This may be agreed to in principle so that the construction of the building may be taken up after the present ban on the construction of buildings is lifted.

The matter is placed before the Commission for consideration.

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Report of the Committee appointed by the U.G.C. to examine the proposal of the Andhra University for financial assistance towards the introduction of correspondence courses at the postgraduate level.

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The University Grants Commission appointed a Committee, consisting of the following members, to examine the proposal of the Andhra University, Waltair for financial assistance towards the introduction of correspondence courses at the post-graduate level:

1. Prof. A.B. Lal,  
Chairman,  
Uchh Shiksha Anudan Ayog, M.F.,  
Bhopal.
2. Shri Bakshish Singh,  
Director,  
Correspondence Courses,  
Faujari University,  
Patiala.
3. Dr. S.C. Goel,  
Research Officer,  
University Grants Commission,  
New Delhi.

2. The Committee visited the Andhra University on August 13 & 14, 1974 and held discussions with Shri L. Bhullayya, Vice-Chancellor, Shri M. Gopal Krishna Reddy, Registrar, Prof. K.V. Sivayya, Professor of Commerce and Director, School of Correspondence Courses and Dr. S. Suryanarayanamurty, Reader in History, Prof. A. Viswanadham, Head of the Department of English, Prof. K.V.R. Narsimham, Head of the Department of Telugu, Prof. K. Venkateswarlu, Professor of Politics and Public Administration and Prof. B. Sarvaswara Rao, Head of the Department of Economics. The observations and recommendations of the committee follow.

3. The School of Correspondence courses (established in 1972-73) at the Andhra University imparts education in respect of the following courses:

- (i) Two year Pre- University Course.
- (ii) Three- year B.A. & B.Com. Course.

The above courses were started with the concurrence of the Commission and the Commission agreed to provide assistance amounting to Rs. 5 lakhs for a period of four years for the programme (Resolution No. 11, dated 4th August, 1971). The proposal of the University for the construction of a composite building at a total cost of Rs. 3.60 lakhs for the correspondence course portion was also accepted by the Commission on condition that the share of the U.G.C. will be limited to 50% of the building cost and the total assistance for

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capital projects and recurrent expenditure will be subject to the ceiling of Rs. 5 lakhs during a period of four years.

4. Instructional material is supplied to correspondence course students in Telugu or English in the two-year pre-university course and English in the B.A. & B.Com. courses. The conditions for admission are as given below:-

(I) I Year P.U.C. Candidates passing the Matriculation examination under New Scheme, H.S.C. Examination or any other qualifying examination recognised by the Andhra University as equivalent thereto are eligible for admission to the First Year of the Two-Year P.U.C.

(II) II Year P.U.C. Candidates passing Matriculation under old regulations and S.S.L.C. are eligible for admission to the Second Year of Two-Year Pre-University Course.

I Year B.A. & B.Com. Candidates passing the qualifying examination such as one year P.U.C. (ClI): H.S. & M.F.S.L.C., Intermediate Examination recognised by the Andhra University as equivalent thereto are eligible.

II Year B.A. & B.Com. (1) Those who appeared for the first year examinations after studying in a regular college. (2) Those who appeared for the I Year examinations privately and (3) Those who have passed the old Intermediate examinations are eligible for admission to II Year B.A. & B.Com. Courses.

III Year B.A. & Com. Those who studied for first and second years in regular colleges and those who appeared at first and second years privately are eligible for admission to the third year course.

5. The syllabus for each paper is divided into 30 lessons or more. Each lesson covers the amount of teaching work normally done in one week in regular class room lectures. Lessons are prepared by teachers teaching the subjects concerned in various colleges of the university and are also edited and reviewed. The teachers are paid at the rate of Rs. 35/- per lesson. Unlike the practice obtaining in other universities, the entire package of lessons in some of the papers was written by the same person. The University adopted this method in the interest of continuity but the Committee feels that this is indefensible and has seriously impinged on the quality of lessons. The purpose of the scheme is defeated if lesson-writing is not a co-operative venture. Even when lessons are written by different persons, uniformity of presentation can be maintained through proper editing and review.

6. The courses of study which are the same for correspondence course students as for regular students, are detailed below:-

Pre-University Course:

Part-I: English.

Part-II. Telugu or Hindi ( The candidate can choose any one of the two).

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Part-III The Candidate can choose any of the following approved combinations.

- (i) Indian History and Civics and Elements of Indian Administration.
- (ii) Economics and Civics.
- (iii) Economics, Accounts and Commercial Knowledge.
- (iv) Indian History and Economics.

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B.A. Part-I Paper-I English  
Paper-II Telugu.

Part-II. The candidate is allowed to choose economics as main and History and Politics as ancillaries

OR

History as main and Economics & Politics as ancillaries.

OR

Politics as main and History and Economics as ancillaries.

B.Com. Part-I Paper-I English,  
Paper-II Hindi Or Telugu ( the candidate can choose any one of the two).

Part-II. Ist Year Economics, Accountancy, Commercial Geography.

II Year, Accountancy, Business Organisation Banking Theory and Practice.

7. Enrolment in B.A. Correspondence Course in the Andhra University has not been so encouraging as in some Universities in the North e.g. Delhi, Panjab and Punjab, nor has it stabilized around a certain level. However, the trend of enrolment in commerce compares favourably with the trend elsewhere e.g. in the University of Rajasthan, Jaipur. Student enrolment in B.A. & B.Com. Correspondence courses for the year 1973-74 is given below:-

B.Com.	Ist year	69 admitted so far
	2nd year	307
	3rd year	69
B.A.	Ist year	85 admitted so far.
	2nd year	230
	3rd year	78
F.U.C.	Ist year	71 admitted so far
	2nd year	411

It would be seen from the above figures that the University started with low enrolment but during the second year of the conduct of correspondence courses, the rate of admission shot up considerably. The pass percentage has been about the same in B.A. Ist year correspondence courses as for the regular students but pass percentage in B.Com. Ist year was 41 for correspondence course students as compared to 21 for the regular students of the University.

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8. One of the chief weaknesses of correspondence courses in the Andhra University is the lack of adequate teaching staff. At present, the teaching staff consists of only two Assistant Directors, one in Commerce and the other in Economics in the scale of pay of a lecturer. They co-ordinate the programme, review the lessons and do proof reading also. Another shortcoming of the undergraduate correspondence programme is the inadequate attention paid to contact classes. The contact programme was organised for only three days during 1973-74, although the reported attendance viz., 60% was highly satisfactory. Responsesheets are corrected by those who write lessons. Payment for the evaluation of student response-sheets is made at the rate of 35 paise per response-sheet. Nearly 25% response-sheets are received from the students which seems to be in line with the experience of other Universities offering correspondence courses. It is to be regretted that presently there exists no co-operation between the Andhra University and Sri Venkateswara University both of which offer correspondence course for B.A. and B.Com. Such co-operation is feasible in diverse areas e.g. the writing of lessons, conduct of contact programmes etc and was, in fact specifically suggested by the Commission, while accepting the proposal of Sri Venkateswara University to introduce correspondence courses. We suggest immediate action towards co-ordination in the programme in both the universities, which are located in the same state.

9. The Andhra University proposes to introduce correspondence courses for M.Com. and the M.A. degree in Telugu, English, Economics, Political Science and History. This question was discussed at the conference of Vice-Chancellors of the three universities in Andhra Pradesh and the conference resolved that the Andhra University may take initiative in the matter. It may also be mentioned in this connection that at present only one university in the Southern zone is offering correspondence courses for the M.A. degree viz., the University of Mysore for M.A. in Kannada. The Andhra University also has some experience in running correspondence courses at the undergraduate level. Therefore the proposal of the university to extend these facilities to the postgraduate level should be acceptable 'in principle'. However, the main question to be considered in this context is whether there will be sufficient demand for post-graduate correspondence courses to make them viable and if so, in which of the subject areas. In this connection, the Committee noted that for such of the subjects in which correspondence courses are offered by the university, the provision to permit private appearance at University examinations would be withdrawn.

10. The nature of the demand for post-graduate correspondence courses can be gauged from the

- (a) number of successful candidates at the B.A., B.Com examination.
- (b) the number of students taking M.A. examination privately and
- (c) the number of seats in the regular courses in relation to the number of eligible applicants. The position of (c) is given below.

For the M.A. Degree 1973-74.

<u>No. of students who applied for admission,</u>	<u>No. of admitted in University/Colleges,</u>	<u>No. admitted in post-graduate centres,</u>
History,	123	42
Economics	175	40
Pol. Science	225	42
English	185	33
Telugu	110	44
M. Com.	512	100
		NA





## II. M.A. Degree Examination.

Number of candidates who applied for Exemptions.

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	<u>History</u>	<u>Economics</u>	<u>Politics</u>	<u>Telugu</u>	<u>English</u>
March 1971	98	103	120	95	48
March 1972	93	100	140	179	184
March 1973	56	128	168	211	221

(M.A., and M.Com., Degree Examinations are held every year only once. Exemptions have to be obtained in the previous year of appearance at Examinations i.e. a candidate who wants to take the Examination in 1972 has to obtain Exemption in 1971.)

13. Considering the demand from various points of view, the Committee supports the proposal of the Andhra University for the introduction of correspondence courses for M.A.(Economics) and M.Com. Both these are well established departments of the University and the professors are willing to assume responsibility for running these courses. The departments of economics and commerce can also collaborate with each other in regard to some papers which are common to both the courses. The Committee is, however, positive that the courses cannot be started during 1974-75. The current academic year should be utilised by the university for adequate preparation so that the courses can be offered from 1975-76. Assistance for the courses may be provided for a period of two years for each of the subjects for the following items of expenditure as already approved by the Commission in the case of the Mysore University and the Punjabi University, Patiala.

- i) Core staff: One Reader and two Lecturers.
- ii) Preparation of reading material and guidelines etc. Rs. 15,000-00
- iii) Two contact programmes and one orientation programme Rs. 5,000-00
- iv) Visiting Lecturers and Provision for taped lectures Rs. 5,000-00
- v) Evaluation of reading material and students responses Rs. 5,000-00

A grant of Rs. 10,000 for books and journals is also recommended. The grants will be paid subject to there being an overall deficit in respect of postgraduate correspondence course and on condition that on the condition that the University implements the recommendations of the committee.

14. The University has requested for an amount of Rs. 49,000 for extension of the correspondence course building to enable it to have postgraduate correspondence courses in the same building. The area required is 1650 sq.ft. and the cost will be Rs. 49,000/- at Rs. 30 per sq.ft. including services and furniture. This may be agreed to in principle, so that the construction of the building may be taken up after the present ban on the construction of building is lifted.

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

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Meeting:

Dated: 9th/10th Dec., 1974

Item No.21: To consider the report of the proposal of the Utkal University for the introduction of correspondence courses.

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1. The University Grants Commission, at its meeting held on 7th October 1974, considered the report on the proposal of the Utkal University, Bhubaneswar for financial assistance towards the introduction of correspondence courses. The Commission felt that it would be desirable to suggest specific guidelines in regard to the development of correspondence courses at undergraduate and postgraduate levels to be offered by universities.
2. The Commission, at its meeting held on 11th November, 1974 generally accepted the guidelines suggested for the introduction of correspondence courses at the undergraduate and postgraduate levels. The Commission, however, desired that the question of organisational set up for correspondence courses in the universities, particularly their relationship with the university teaching departments and the role of correspondence education in breaking new ground at the undergraduate level may be referred to the Standing Committee on part-time education (Resolution No. 12).
3. The report placed before the Commission at its meeting held on 7th October 1974 is attached (Annexure). The Utkal University proposes to start correspondence courses at the undergraduate level (4 years - Two years Intermediate and Two years B.A.) from 1975-76. A sum of Rs.30,000 has been recommended to enable the university to make necessary preparations for starting the course. The details are given below:-

<u>ITEM</u>	<u>Amount</u>
(i) Officer on special duty for 5 months with effect from 1st November, 1974 in the Reader's scale i.e. Rs.700-1250/ @ Rs.1300/- p.m.	Rs. 6,000/-
(ii) L.D.C.-Cum-Typist for 5 months (Rs.300/-)	Rs. 1,500/-

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(iii)	Printing of lessons.	Rs. 10,000/-
(iv)	Honorarium to teachers for development of instructional material.	Rs. 7,500/-
(v)	Contingency	Rs. 5,000/-

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Total: Rs. 30,000

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The guidelines for the introduction of correspondence courses at the undergraduate level will be referred to the Standing Committee on Part Time Education in the light of the decision of the Commission. In the meantime it is for consideration if the above amount may be sanctioned to enable the university to make the necessary preparations, subject to the condition that the guidelines finalised by the Commission will be accepted by it.

The matter is placed before the Commission for consideration.

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UNIVERSITY GRANTS COMMISSION

Annexure to  
Item No. 21

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Meeting:

Dated : 7th Oct, 1974

Item No. 7: To consider the report on Introduction of Correspondence Courses at Utkal University, Bhubaneswar.

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The Utkal University, Bhubaneswar approached the Commission for financial assistance towards the introduction of Correspondence Courses for intermediate (Arts) from 1972-73 academic session. The proposal of the University was placed before the Commission at its meeting held on 2nd August, 1972. The Commission decided at this meeting that a Committee may be appointed to examine the proposal of the Utkal University for financial assistance towards the introduction of Correspondence Courses. Pursuant to the above decision, a Committee comprising of Professor Rais Ahmed and Dr. M.L. Misra visited the Utkal University, Bhubaneswar on 3rd and 4th February, 1973 and discussed the details of the proposal with the University authorities. The Committee was of the view that the introduction of Correspondence Courses for the intermediate examination should be a part of an integral plan to introduce correspondence courses for the B.A. degree in successive stages. If correspondence courses are conceived for the Intermediate examination only the U.G.C. may find it difficult to support the scheme.

Accordingly, the University was requested to send a detailed proposal for further consideration by the U.G.C. The revised proposal sent in April, 1974 envisaged a total expenditure of Rs. 19 lakhs during the first year of introduction of the course. Of this Rs. 6.3 lakhs were to be met from the tuition fees. The proposal proposed to cover the entire four years course leading to the first degree in Arts i.e. two years of Intermediate and two years of first degree. Details of the proposal are given at the Appendix I to this item.

It was decided that an officer of the Commission may be deputed to visit the University to discuss the matter with the University authorities.

Dr. R.K. Mathur deputed for the work visited Utkal University, Bhubaneswar on 23rd August, 1974 and discussed the scheme with the University authorities. The report is given at Appendix II

Having considered all aspects of the scheme and the views of the Visiting Committee and of persons associated with the framing of the proposal, the following recommendation are

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made for the consideration of the Commission:-

1. At present no University in the Eastern region is offering correspondence courses. It will be a good idea if some University in the region starts this programme. This would remove the imbalance in our present distribution of correspondence courses.
2. Utkal University may be assisted towards introduction of correspondence courses. The remaining part of 1974-75 may be utilised by the University for preparatory measures for introduction of the courses from 1975-76. The Commission may give to Utkal University for correspondence courses the same assistance which is normally given for Correspondence Courses in other Universities.
3. The University may appoint an Officer on Special Duty in Reader's scale for 5 months w.e.f. 1.11.1974 to take advance action towards introduction of correspondence courses. The office would, apart from looking after other issues concerned with introduction of correspondence courses from 1975-76, take action towards:
  - (a) Preparation and printing of prospectus for the proposed correspondence courses. The prospectus will lay down eligibility requirements for the different courses, duration of the courses, details of study and scheme of examination medium of instruction, method of instruction, fees and other charges, details of contact programmes, application form and registration form etc. The prospectus should indicate the last dates for receipt of application form and the instalment of tuition fees etc.
  - (b) Necessary changes in the University regulations may be introduced in case the Utkal University proposes to extend the facilities for correspondence courses to students from areas which are not within the jurisdiction of the University.
  - (c) Committees in the different subjects for dividing the syllabus into convenient instructional units for development of lesson plans and instructional material may be constituted and convened. In the initial stages of the operation of the scheme, it would be more economical to have various academic jobs such as writing of lessons and editing done on part time basis by the academic staff of the University. However, some core staff may still be necessary.

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- (d) Sufficient instructional material for the students enrolled under the correspondence courses should be kept ready in advance before introducing the courses from the beginning of the academic year 1975-76.
- 4. A sum of Rs. 30,000/- may be made available to the University to start the courses from the beginning of the academic year 1975-76.
- 5. The amount of Rs. 30,000/- to be sanctioned towards meeting expenditure on advance action will be the first charge on the assistance amounting to a maximum of Rs. 5 lakhs which may be sanctioned to the University for a period of four years or net deficit basis towards the scheme.
- 6. The University should also consult the State Government regarding financial commitments during the current plan period to meet the deficit and for taking over the liability, if any, at the end of 1978-79. The Commission's assistance towards the scheme will cease after 1978-79. Till then the U.G.C. will annually meet the deficit subject to a maximum of Rs. 5 lakhs for four years.

The matter is placed before the Commission for consideration.

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The correspondence course to be organised by the Utkal University aims at imparting instruction for the first degree level alongwith the Intermediate level through correspondence. This will be an Institution and will be managed by the University. The question of affiliation does not arise.

The need for the course arises on account of:

1. It will prevent the influx of average students for collegiate education leading to the demand for more institutions resulting in the growth of mushroom colleges.
2. It will strengthen the regional language and will help the University to face the problems of double media in the existing colleges.
3. It will prevent the demand for evening colleges in many places and ultimately help the employees to receive further education.

I. LIBELITY.

(a) Admissions are open to students from all over the States, The Act of the University will be amended in due time, if necessary.

(b) Any registered student of the University may be admitted to the Intermediate Examination in Arts, if he has passed the Matriculation examination or the High School certificate examination conducted by the Board of Secondary Education, Orissa or some other examination recognised by the Academic Council as equivalent thereto, provided he has studied the prescribed course satisfactorily for a period of two years under correspondence.

II. DURATION.

The duration of Intermediate and the B.A. courses of the correspondence course of the University is two years for all those admitted to the course. This scheme is, therefore, continuous upto B.A. stage covering a period of instructive of four years.

III. COURSE & SUBJECTS OF STUDY.

The Syllabi, duration of the course, Examination of the correspondence course are the same as for the regular students of the Utkal University.

The Course offers the following subjects:

1. English, (2) Oriya, (3) Economics, (4) Political Science,
5. Logic & Philosophy, (6) History, (7) Mathematics and (8) M.I.L. Oriya.

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Students will be required to offer English and Criya (M.I.L.) and any three of the following subjects at the Intermediate stage.

The choice of subjects will be two at the B.A. Stage.

- |                       |               |                 |
|-----------------------|---------------|-----------------|
| 1. Criya.             | 2. Economics. | 3. Pol.Science. |
| 4. Logic & Philosophy | 5. History.   | 6. Mathematics. |

IV. EXAMINATION

The candidates will appear at the examination to be conducted by the University.

But they cannot take the University Examination without pursuing the correspondence course, for the prescribed duration of the course.

There will be two papers in each of three group subjects to be chosen by the candidate and two papers in English and one paper in Mother tongue. At the B.A. stage there will be three papers in each of the two group - subjects to be chosen by the candidate and two papers in English and one paper in Mother tongue. Each paper will carry 100 marks and be of three hours' duration. The examination will be held in February or any other date to be fixed by the University.

V. BOOKS.

Students are required to make their own arrangements for books.

VI. MEDIUM OF INSTRUCTION.

Criya/English will be the medium of instruction.

VII. PREPARATION OF LESSONS.

The subject teachers will divide the syllabus prescribed for the examination into suitable units and write lessons on each. Each lesson will contain the essential points and will be of such standard as is prescribed by the University for the examination. It will provide adequate opportunity for thinking and for encouraging independent study of original books. The lessons will contain suitable thought-provoking questions for the students. The answer scripts will be examined by the lecturers. There will be committee on each subject to spell out the units of the curricular material with some members of the Boards of Studies in the respective subjects. The lessons will be prepared by the academic staff of the Institution and the assistance of the faculty members will be taken, where necessary. The lessons will be kept ready sufficiently in advance before the scheme is given effect to.

VIII. PROVISION OF CONTACT CLASSES.

As soon as the buildings of the Directorate are constructed arrangements will be made for contact class at least twice a year. Until then such classes may be arranged in suitable buildings which may be hired. The contact classes may also be held in convenient centres where large number of students are available.

IX. NUMBER OF ADMISSION.

Intermediate	Ist year	2,500
	2nd year	2,500
B.A.	3rd Year	2,000
	4th year	2,000

X. STAFF REQUIRED.

1. Office- Director- One in the scale of pay Rs. 700-1250/- .

2. Teaching Staff.

Subjects	Reader (Scale of pay Rs. 700-1250/- )	Lecturer (Scale of pay Rs. 400-950/-)
English.	2	14
Oriya	2	14
Economics	1	7
Political Science.	1	7
Logic & Philosophy	1	7
History	1	7
Mathematics.	1	7
	9	63

3. Non-teaching Staff.

Superintendent	1
Head Assistants	7
Grade I Assistant	15
Grade II Assistants	14
Cashier	1
Grade III Assistants	14
Head Typist	1
Typists	12
Operators.	4
Duffry.	4
Peons.	15

Revised Estimate

Designation	No. of post	Scale of pay	Average pay	Amount required for 1st year.
		Rs.	Rs.	Rs.
<u>Teaching Staff.</u>				
Director	1.	700-1250/-	1,066.00	12,792.00
		D.A.	132.00	1,584.00
Readers	9.	700-1250/-	1,066.00	1,15,123.00
		D.A.	132.00	14,256.00
Lecturers.	63	400-950	732.00	6,33,392.00
		D.A.	152.00	1,14,912.00
		<b>Total:</b>		8,92,064.00

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(B) Non-Teaching Staff.

Designation	No. of Post	Scale of pay		Average pay		Amount required for one year.	
		Rs.	D.A.	Rs.	Rs.		
Superintendent	1	400-700		612.00		7,344.00	
			D.A.	152.00		1,824.00	
Head Assistants	7	345-395		381.00		32,004.00	
			D.A.	168.00		14,112.00	
Cashier.	1	195-350		311.00		3,732.00	
			D.A.	168.00		2,016.00	
Grade I Asstt.	15	195-350		311.00		55,980.00	
			D.A.	168.00		30,240.00	
Grade II Asstt.	14	145-195		181.00		30,408.00	
			D.A.	141.00		23,688.00	
Grade III Asstt.	14	90-150		135.00		22,680.00	
			D.A.	117.00		19,656.00	
Head Typist	1	125-190		173.00		2,076.00	
			D.A.	141.00		1,692.00	
TYpists.	12.	80-135		121.00		17,424.00	
			D.A.	117.00		16,848.00	
Operators.	4	60-75		71.00		3,408.00	
			D.A.	83.00		3,984.00	
Duffry.	4	50-65		61.00		2,928.00	
			D.A.	83.00		3,984.00	
Peons.	15	45-55		51.00		9,180.00	
			D.A.	83.00		1,245.00	
				Total:		3,06,453.00	

(A) Total Recurring (A)	-	8,92,064.00
(B)	-	3,06,453.00
(C) Rent for a building for the Directorate.		10,000.00

Total: 12,08,517.00

(B) Equipments (N.R.)

1.	Cyclostyling Machine* -5 @ Rs. 12,000.00	-	Rs.	60,000.00
2.	Oriya Type-writers. -8 @ Rs. 2,500.00	-	Rs.	20,000.00
3.	English Type-writers. 4 @ Rs. 2,250.00	-	Rs.	9,000.00
4.	Furniture.	-	Rs.	30,000.00
5.	Books & Journals.	-	Rs.	30,000.00

Total: Rs. 1,99,000.00

\* India make (Gestetner).

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(D) <u>Contingencies (R)</u>		Rs.
1.	Paper ordinary and thin.	40,000.00
2.	Ink (Duplicating)	20,000.00
3.	Duplicating papers.	1,00,000.00
4.	Stencil.	25,000.00
5.	Service stamp.	1,00,000.00
6.	Office contingencies.	25,000.00
7.	T.A. to staff.	30,000.00
8.	Printing and proof reading.	1,00,000.00
9.	Remuneration for preparing lessons and editing them.	50,000.00
Total:		<hr/> 4,90,000.00 <hr/>
(A)	Total recurring expenditure.	12,08,517.00
(B)	Total equipment.	1,99,000.00
(C)	Contingencies.	4,90,000.00
Total:		<hr/> 18,97,517.00 <hr/>
Total income from fees etc. for two years Rs. 12,25,000.00 .		
Debitable to the scheme for one year.		6,37,000.00
		<hr/> 12,60,517.00 <hr/>

XI. The fees will be realised for the whole course from the students in two instalments.

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Introduction of Correspondence Courses at Utkal University, Bhubaneswar.

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The Utkal University, Bhubaneswar approached the Commission for financial assistance towards the introduction of correspondence courses for intermediate (Arts) from 1972-73 academic session. The proposal of the University was placed before the Commission at its meeting held on 2.8.1972. The Commission decided at this meeting that a Committee may be appointed to examine the proposal of the Utkal University for financial assistance towards the introduction of correspondence courses. Pursuant to the above decision, a Committee comprising of Professor Kais Ahmed and Dr. M.L. Misra visited the Utkal University, Bhubaneswar on 3rd and 4th February, 1973 and discussed the details of the proposal with the university authorities. The Committee was of the view that the introduction of correspondence courses for the intermediate examination should be a part of an integral plan to introduce correspondence courses for the B.A. degree in successive stages. If correspondence courses are conceived for the intermediate examination only the UGC may find it difficult to support the scheme. The report of the Committee was placed before the Commission at its meeting held on 28th May, 1973. The consideration of this item was postponed until such time the Commission has considered the question of total duration of education upto the first degree stage and also the measures to be taken for informal education etc.

The Utkal University was further asked vide our letter of February 13, 1974 to introduce correspondence courses at the first degree level also alongwith intermediate level, if it so desires, and send a detailed proposal for further consideration by the U.G.C. The revised proposal sent in April, 74 envisaged a total expenditure of Rs. 19 lakhs during the first year of introduction of the course. Out of this Rs. 6.3 lakhs were to be met from the tuition fees. The proposal proposed to cover the entire four years course leading to the first degree in Arts i.e. two years of intermediate and two years of the first degree.

It was decided that an officer of the Commission may be deputed to visit the university to discuss the matter with the university authorities.

Dr. K.K. Mathur deputed for the work visited Utkal University, Bhubaneswar on 23rd August, 1974 and discussed the scheme with the following:

1. Shri Gian Chand, I.A.S.  
Administrator  
Utkal University.
2. Dr. B. Misra  
Professor and Head of the  
Department of Applied Economics  
Utkal University.
3. Prof. H.K. Misra  
Registrar,  
Utkal University
4. Shri S. Nath,  
Development Officer  
Utkal University.

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Having considered all aspects of the scheme and the views of the persons associated with the framing of the proposal the following recommendations are made for consideration:

1. At present no University in the Eastern region is offering correspondence course. It will be a good idea if some university in the region starts correspondence courses. This would remove the imbalance in our present distribution of correspondence courses.
2. Utkal University may be assisted towards introduction of correspondence courses. However, the remaining part of 1974-75 may be utilised by the University for preparatory measures for introduction of the courses from 1975-76. The Commission may give to utkal university for correspondence courses the same assistance which have been given for correspondence courses in other universities.
3. The University may appoint an Officer on Special Duty in Reader's scale for 5 months w.e.f. 1.11.1974 to take advance action towards introduction of correspondence courses. The officer would, apart from looking after other issues concerned with introduction of correspondence courses from 1975-76, take action towards:-
  - (a) Preparation and printing of prospectus for the proposed correspondence courses. The prospectus will lay down eligibility requirements for the different courses, duration of the courses, details of study and scheme of examination, medium of instruction method of instruction, fees and other charges, details of contact programmes, application form and registration form etc. The prospectus should indicate the last dates for receipt of application form and the instalment of tuition fees etc.
  - (b) Necessary changes in the university regulations, in case the Utkal University proposes to extend the facilities for correspondence courses to students from areas which are not within the jurisdiction of the University.
  - (c) Constitute and convene committees in the different subjects for dividing the syllabus into convenient instructional units for development of lesson plans and instructional material. In the initial stages of the operation of the scheme, it would be more economical to have various academic jobs such as writing of lessons and editing done on part-time basis by the academic staff of the university. However, some core staff may still be necessary.
  - (d) Sufficient instructional material for the students enrolled under the correspondence courses should be kept ready in advance before introducing the courses from the beginning of the academic year 1975-76.
4. A sum of Rs. 30,000/- may be made available to the university to enable it to start the courses from the beginning of the academic year 1975-76. The envisaged expenditure during the remaining part of the

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current financial year is as follows:-

<u>ITEM</u>	<u>AMOUNT</u>
(i) Officer on special duty for 5 months with effect from 1st November, 1974 in the Reader's scale i.e. Rs.700-1250/- @ Rs. 1200 p.m.	Rs. 6,000/-
(ii) L.D.C. -Cum-Typist for 5 months (Rs. 300/- ).	Rs. 1,500/-
(iii) Printing of lessons.	Rs. 10,000/-
(iv) Honorarium to teachers for development of institutional material.	Rs. 7,500/-
(v) Contingency.	Rs. 5,000/-
Total:	<u>Rs. 30,000/-</u>

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- The amount of Rs.30,000/- to be sanctioned towards meeting expenditure on advance action will be a first charge on the assistance amounting to a maximum of Rs. 5 lakhs which may be sanctioned to the university for a period of four years on net deficit basis towards the scheme as has been done in the case of other universities for correspondence courses.
- The final proposal giving all the relevant details including admission requirements, medium instruction, exam fees, duration, jurisdiction and organizational set up may be sent to the U.G.C., as soon as these are finalised and approved.
- The University should also consult the State Government regarding financial commitments during the current plan period to meet the deficit and for taking over the liability, if any, at the end of 1973-79. The Commissions assistance towards the scheme will cease after 1978-79 . Upto that time the U.G.C. will annually meet the deficit subject to a maximum of Rs. 5 lakhs for four years.
- The University may consider the possibility of instituting correspondence courses in B.Sc. and B.Com. as well for which the demand is likely to grow.

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

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Meeting:

Dated: 9th/10th December, 1974

Item No. 22: To consider the recommendation made by the Sub-Committee on COHSIP about selection of colleges for participation in the programme and the guidelines for implementation of the programme recommended at the Conference of Principals of Colleges provisionally selected for participation in the programme.

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The University Grants Commission, at its meeting held on 28th May, 1973 (Item No.33) agreed to initiate a programme for improvement of instructions in humanities and social sciences subjects in the colleges at undergraduate level on the lines of College Science Improvement Programme. The Advisory Committee constituted by the Commission for initiating the programme met on 10th September, 1973 and the recommendations made by this Committee were considered by the Commission at its meeting held on 8th July, 1974 (Item No.10). The Commission generally accepted the suggestions made with regard to the implementation of COHSIP. The Commission was of the view that the programme should cover all departments in humanities and social sciences of a college selected for participation in the programme and assistance to such colleges may be provided upto a ceiling of Rs.3 lakhs per college over a period of three years. In selecting the colleges, an attempt may be made to select at least one college in each district. The Commission further desired that a beginning may be made in a few selected colleges during 1974-75.

A Standing Committee to advise the Commission on implementation of COHSIP was constituted (Annexure-I). The Committee recommended that the proposals from colleges which are already participating in COSIP and have departments of Humanities and Social Sciences may be invited in the first instance and that the Vice-Chancellors may be requested to indicate the names of few other guidelines based on the recommendations of the Advisory Committee (Annexure-II) were sent to the Universities and Colleges, which in their view, have took Arts departments and should be invited to send their proposals under this programme.

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Excluding purely science colleges proposals were invited from all COSIP colleges. Proposals from 72 colleges were received and these were considered by a Sub-Committee of the Standing Committee on COSIP consisting of Dr. Tapas Majumdar, Dr. Yogendra Singh and Dr. W.S. Rajpal. Professor R.S. Sharma, Dr. C.D.S. Devanasen, Dr. J.N. Kapoor and Professor D.J. Cowda were invited but could not attend the meetings. The Sub-Committee at its meeting held on 19th September, 1974 suggested that the selection of colleges under COSIP may be made keeping in view of the quality of teaching staff, number of books and journals in the college libraries, staff student ratio, university results in the various courses and quality of programmes. The Committee met again on 1st October, 1974. The Committee considered the proposals and suggested that 43 colleges may be selected in the first instance under this programme. The names of these colleges are given at (Annexure-III). The method adopted for the selection of colleges is indicated at Annexure-IV.

While going through the individual proposal sent by the colleges, it was felt that it would be useful to have in the first instance, a Conference of the Principals of Colleges which have been recommended by the committee for participation in COSIP to consider some common problems and issues. The Principals Conference was held on 3rd and 4th December, 1974. The guidelines recommended at the Conference are given at Annexure-V.

It was agreed at the Conference that the proposals sent by the colleges would be revised by them in the light of the guidelines recommended at the Conference. These proposals are likely to be received within a fortnight or so.

The items for which assistance could be provided to the colleges for implementing the COSIP are suggested below:

- i) Appointment of part-time staff to undertake teaching, tutorials and seminar work. Postgraduate and research student who are not receiving any stipend or scholarship may generally be preferred for this assignment. The rate of remuneration may vary from Rs.150/-p.m. to Rs.300/-p.m. depending on the quantum of work assigned to a person.
- ii) Audio-Visual aids for teaching.

P.T.O.

- iii) Stationery duplicating equipment and secretarial assistance for typing and duplicating work.
- iv) Essential books and journals which are not available to the teachers students in the library.
- v) Remuneration to students/staff for attending to library work in the extended hours.
- vi) Short Surveys and field work in nearby areas and agencies related to the courses prescribed in the syllabus.
- vii) Guest lectures.
- viii) Remuneration for translating articles published in various research journals into the regional languages for the benefit of the students.

Expenditure on construction of buildings, furniture payment of allowance to the teaching or secretarial staff of the colleges, purchase of typewriters may not be covered under COUSIP.

The proposals of the 43 colleges selected provisionally for participation in the COUSIP will be processed after the Commission has considered the guidelines proposed by the Principals.

The matter is placed before the Commission for consideration.

E.O.(HR)/JS(I)

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Standing Advisory Committee on College Humanities  
and Social Sciences Improvement Programme.

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1. Dr. Chandran D.S. Devamesan  
Vice-Chancellor  
North Eastern Hill University  
Shillong.
2. Professor D. J. Gowda  
Vice-Chancellor  
Mysore University  
Mysore.
3. Dr. J. N. Kapoor  
Vice-Chancellor  
Meerut University  
Meerut.
4. Dr. R. K. Das Gupta  
Professor of Modern Indian Languages  
University of Delhi  
Delhi.
5. Dr. ~~Rajendra Singh~~  
Professor of Sociology  
Jawaharlal Nehru University  
New Mehrauli Road  
New Delhi.
6. Professor Tapas Majumdar  
Jawaharlal Nehru University  
New Delhi.
7. Professor RS Sharma  
Professor of History  
University of Delhi  
Delhi.
8. Dr. Raj Fal  
Principal  
St. Stephen's College  
Delhi.

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9. Fr. L. Pereira  
Principal  
St. Xavier's College  
Bombay.
  
10. Mrs. R.V. Somesckhar  
Principal  
Women Christian College  
Madras-6.
  
11. Swami Munishananda  
Principal  
Rama Krishna Mission  
Residential College  
Narendrapur  
24 Parganas  
Calcutta.

UNIVERSITY GRANTS COMMISSION  
NEW DELHI.

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College Humanities & Social Sciences Improvement Programme (CHSIP).

1. **Purpose:** The aim of the College Humanities and Social Sciences improvement programme is to strengthen the teaching of the humanities and social sciences at undergraduate level in the colleges and to provide ample opportunities to the undergraduate students to develop their aptitude and interest in the study of the subjects of their choice.

2. **Eligibility and Selecting of Colleges:** The Colleges approved under the UGC Act having provision for undergraduate teaching in the humanities and social sciences are eligible for participation in the CHSIP. The proposals for participation in the programme may be sent by a College through the University in the prescribed form which may be obtained from the University or the Commission's office for consideration by University Grants Commission. In case two or more colleges situated in the same city/town wish to introduce the programme jointly by pooling their resources and facilities already available to them, they could formulate and send a joint proposal for consideration by the Commission. Selection of Colleges for participation in the programme will be made by the University Grants Commission.

3. **An Illustrative list of activities:** Programmes under the scheme may include activities for improving the teaching of Arts subjects at undergraduate level in the colleges. The aim should be to prepare a student for higher studies and research in the field of his choice. The first and foremost task should be to improve the quality of teaching with a view to making it effective and useful. The following activities could be undertaken to achieve this objective.

(a) The courses to be covered during the session may be divided in two or three terms. The programme of lectures to be delivered during a term may be planned by the teacher at the beginning of each term. The list of topics on which lectures are to be delivered and a summary of each lecture including brief notes on each topic to be covered in a lecture, may be cyclostyled and circulated well in advance to the students. These notes may be assessed periodically by the experts and notes of good quality may be published as text material for use by the other colleges.

(b) Class lectures should necessarily be followed by tutorials or preceptorials. In case it is found that it would be too expensive to introduce tutorials in some subjects, seminars may be regularly organised in that subject once in a week or fortnight and students should be required to present papers in these seminars to be followed by discussion. Each student should prepare and present at least one long essay or paper in one term. Number of students in a seminar may be kept flexible and may vary from subject to subject and

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institution to institution depending upon the physical facilities available in the college but whatever number is fixed for participation in a seminar, its effectiveness in improving the understanding of the students in the subject should be properly ensured.

(c) The contribution made by each student in the discussions in the seminars/tutorials should be continuously assessed and evaluated by the teacher. The progress of the students be reviewed periodically on the basis of credits acquired by him and remedial measures be taken to improve the competence of the students who are lagging behind.

(d) Post-graduate students and research scholars could be involved in teaching at under-graduate level. Possibility of enlisting the services of meritorious post-graduate students research scholars on a part-time basis for tutorial and seminar work and also in some cases for lecture work should be explored in each college.

(e) Inter-departmental lectures may be organised regularly in the college on the topics which are of common interest to several disciplines. These lectures could be given by the faculty members or by visiting teachers. Regular programme of such lectures may be planned at the beginning of each term. These lectures could be organised under the auspices of the various academic and cultural associations as part of their normal programmes.

2. With a view to giving some practical training to the students programmes may be organised in the college for taking groups of students frequently out of the college in the town or adjoining villages to enable them to study for themselves the problems which are related to their disciplines. Field study, practical work or survey work etc. could be incorporated in each subject as part of normal teaching. Such programmes would not only help in developing the thinking and analytical capabilities of the students and making the teaching interesting and meaningful, but would also help in creating an awareness among the student of the social and local problems and in bringing the institution closer to the community around it.

3. Audio-visual aids like lingua-phone, epediascope, projectors etc., may be used for strengthening teaching work wherever necessary.

4. Teachers and students may be induced to read books and journals, and with a view to improving their reading habits, the following steps could be taken :

(a) Books, journals and reading material needed for enrichment of studies and teaching may be procured.

(b) Teachers may take initiative and special interest in inculcating reading habits among the students by providing them regularly, annotated bibliography on each topic indicating the portions and chapters which are specifically related to the concerned topic. The department should maintain a complete record

of such bibliographical notes circulated to the students for assessment of the work of the teachers.

(c) Every student may be induced to read at least one or two standard text books in a year on each subject of his study.

(d) Both teachers and students should be encouraged to use more frequently reference materials, dictionaries and encyclopaedia.

5. With a view to improving the expression and writing capabilities of the students, remedial teaching should be regularly organised in each subject specially in the languages.

6. Assistance from the Commission: The Commission's assistance to a college under this programme would be available to the extent of Rs.3 lakhs for a period of three years. The grant would be available for appointment of additional teaching staff on part-time basis, purchase of books, journals and reading material, equipment and audio-visual aids needed for strengthening the teaching and other miscellaneous expenses. Funds would not be available for instituting any scholarship or to meet or improve the salaries or to provide any honoraria etc. to the existing members of the teaching staff or to meet capital cost of the existing commitments of the institutions. The assistance would be available on hundred percent basis; but it is expected that each college will be prepared to make available within the limits of existing resources some funds for achieving the objectives of the COSSIP both during the period of UGC assistance and in the years there after.

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Colleges recommended for participation in the COHSIP

Sri Venkateswara University

1. Sri Padmavathi Women's College  
Tirupati.

Dibrugarh University

2. Sibsagar College  
Joysagar.

Bhagalpur University

3. T.N.B. College,  
Bhagalpur.

Magadh University

4. A.N.S. College,  
Barh (Patna)

Gujarat University

5. St. Xavier's College  
Ahmedabad.

Sardar Patel University

6. Nalini & Arvind Arts College  
Vallabh Vidyanagar.

Calicut University

7. St. Thomas College,  
Trichur.

8. The Guruvayurappan College  
Kozikode.

Kerala University

9. University College  
Trivandrum.

10. Sree Narayana College  
Quilon.

11. Union Christian College  
Alwaye.



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Bombay University

12. Wilson College, Bombay
13. Ram Narain Ruia College, Bombay.
14. Sophia College, Bombay

Poona University

15. Ahmednagar College, Ahmednagar.
16. Mansraj Pragji Thackersey College, Nasik.
17. Fergusson College, Poona.
18. Parashurambhan College, Poona.
19. N.W. College, Poona.

Shivaji University

20. Raja Ram College, Kolhapur.

Bangalore University

21. Mount Carmel College, Bangalore.

Mysore University

22. St. Agnes College, Mangalore.

Utkal University

23. Ravenshaw College, Cuttack.

Guru Nanak University

24. Khalsa College, Amritsar.
25. D.A.V. College, Jullundur.

Rajasthan University

26. Government College, Ajmer.

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Madras University

27. Vivekananda College, Madras.
28. St. Joseph's College, Tiruchrapalli.
29. Presidency College, Madras.
30. Seetha Lakshmi Ramaswami College,  
Tiruchrapalli.
31. Loyala College, Madras.

Agra University

32. D.S.B. Govt. College, Nainital.
33. Agra College, Agra.

Allahabad University

34. Ewing Christian College,  
Allahabad.

Kanpur University

35. P.P.N. College, Kanpur
36. Acharya Narendradev Mahapalika Mahavidyalaya,  
Kanpur.

Meerut University

37. D.A.V. College, Muzaffarnagar
38. S.D. College, Muzaffarnagar
39. Meerut College, Meerut.

Calcutta University

40. Vidya Sagar College, Calcutta.
41. The Rama Krishna Mission Vidya Mandir, Belurmath.
42. Rama Krishna Mission Residential College,  
24 Parganas.

Dibrugarh University

43. Jagannath Barooah College, Jorhat.

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RATING OF COLLEGES FOR COUSIP

The Sub-Committee of the Committee appointed by the University Grants Commission to recommend colleges for assistance under the COUSIP Programme met on 19th September 1974 in the UGC Office. It was decided that the UGC Office may make a preliminary scrutiny of the colleges to be covered under the COUSIP in the light of the following criteria:-

- 1) Quality of staff
- 2) Number of books and journals
- 3) Staff-Student Ratio
- 4) University results at the B.A. final level
- 5) Quality of programmes.

Rating of the colleges on a 5-point scale in respect of each of the following items is given below:-

- 1) Staff:
  - (a) Proportion of Ph.Ds.
  - (b) Proportion of 1st class M.As. on the staff
- 2) Books & Journals:
- 3) Staff-Student Ratio:
- 4) Examination results at the final B.A. level

The key used in rating the colleges in respect of each of the items mentioned above is give below:

(1)	<u>Examination Results:</u>	<u>Points</u>
	100 to 90%	5
	89 to 75%	4
	74 to 60%	3
	59 to 50%	2
	Below 50%	1

2)	<u>Staff:</u>	<u>Points</u>
	(a) Ph.Ds. Percentage of the staff (Cumulative for all departments)	
	Between 33% and above	5
	" 33% and 25%	4
	" 25% and 20%	3
	" 20% and 10%	2
	" 10% and Nil	1
	" Nil	0

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b) First-Class M.As.: Proportion of the Total: (Cumulative for all departments)

	66% and above	5
Between	60% and 50%	4
"	50% and 40%	3
"	40% and 33%	2
"	30% and 25%	1
	Below 25%	0

3) Staff-Student Ratio:

It was felt that the staff-student ratio in a college is the key to the success of any qualitative improvement programmes in an institution and more so in the case of the COMSIP. In view of this, the weightage given to the staff-student ratio is double that of the weightage given to other items:

		<u>Points</u>
	1.20 and better	10
Between	1.20 and 1.30	8
"	1.30 and 1.40	6
"	1.40 and 1.60	4
"	1.60 and 1.80	2
	1.80 and below	0

4) Books and Journals:

(a) Books

	<u>No. of Books</u>	<u>Points</u>
	50,000 and above	5
Between	40,000 and 50,000	4
"	25,000 and 40,000	3
"	10,000 and 25,000	2
"	5,000 and 10,000	1

(b) Journals

	<u>No. of Journals</u>	<u>Points</u>
	500 to 400	5
	400 to 300	4
	300 to 200	3
	200 to 100	2
	100 to 50	1

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Books and journals relating to all departments in the Humanities and Social Sciences in the library of the colleges have been pooled together for the purpose of calculating the rating in respect of these two items.

If we accept colleges with a rating of 15 and above, we shall have 42 colleges ticked-marked in the statement attached, whose state-wise distribution is given below:-

<u>State</u>	<u>Proposals received</u>	<u>Proposals recommended</u>
Andhra	7	1
Assam and Meghalaya	3	2
Bihar	3	2
Gujarat	2	2
Kerala	6	5
Maharashtra	12	3
Mysore	5	2
Orissa	1	1
Panjab	2	2
Rajasthan	1	1
Tamil nadu	10	5
Uttar Pradesh	14	8
West Bengal	4	3
	<hr/> 70 <hr/>	<hr/> 42 <hr/>

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Recommendations of the Conference of Principals of Colleges selected provisionally for participation in the College Humanities and Social Sciences Improvement Programme held on 3-4 December, 1974 in the UGC Office.

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1. Objectives of the Programme:

The purpose of the College Humanities and Social Sciences Improvement Programme is to strengthen and enrich the teaching, learning and examination processes in the Humanities and Social Sciences at the undergraduate level in the colleges and to provide opportunities for change and innovations within the frame work of the existing curriculum. Enrichment of the curriculum and experimentation should ultimately provide a frame work for modernising and updating the syllabus in cooperation with the concerned academic and other concerned bodies of the universities. This programme together with the COSIP should eventually help the colleges towards an autonomous status within the university system in the country.

2. Maximum utilisation of existing resources:

It was agreed that no worthwhile quality programme can be implemented in the colleges unless a deliberate and concerted effort is made to make the maximum and best use of available resources. Particular mention was made in this connection of the library facilities which are central to the improvement of teaching and learning in the Humanities and social sciences. The library hours should be extended to at least 12 hours a day. An attempt should be made to see that books and journals already available in the library are used to the best advantage both by teachers and by students.

It may be necessary to provide some assistance to the colleges to employ part-time staff, especially students, to attend to the library work during the extended hours. This will not, however, mean any additional professional staff for the college library. In general, overtime allowance to the library staff should be avoided and extensive use should be made of the students' help in this connection.

It should be possible for all the colleges to so devise the college programme that maximum use is made of the space already available in the colleges. This is particularly important because assistance will not be available under the COSIP for construction of buildings. It was also suggested that staggering of the time-table could provide opportunities for better and more intense use of available space.

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3. Optimum use of common facilities:

There was consensus that physical and material facilities already available in the colleges should be used by all the departments of the colleges. Particular mention was made of the audio-visual equipment and duplicating facilities which exist in some departments of the colleges. It was agreed that no department should have exclusive ownership on any item of equipment made available in the colleges. In order to maximise the use of existing materials and facilities, it was agreed that all equipment should be centralised and for this it may be necessary to provide some support to the colleges to organise service to individual departments according to their needs. Students could again be used here for part-time assistance. It was felt that the colleges should try to train 4 or 5 teachers in the operation of audio-visual aids. This training could be arranged locally and within the expertise already available in the science departments and it should not take long. It might also be necessary to provide some support to the colleges for furnishing the audio-visual room which will be organised centrally.

4. Tutorials and Seminars :

It was recognised that tutorials and seminars, to be meaningful and productive, will have to be organised on an institutional basis. Every student should know in advance the number of tutorials he has to attend in a course. The student should also know the assessment of his work in the tutorial and this assessment, wherever possible, should form a part of the total assessment of the student. It was recognised that some universities do not have any provision for internal assessment. The Principals, however, agreed that it would be a good idea if all the colleges could institute a certificate of their own which would include an account of cumulative records of the students in various subjects. This certificate should be issued to every student at the time of his leaving the college.

It was agreed that the programme of teaching in every course should be planned and announced to the students, at the beginning of each term. The list of topics to be covered either by lectures or by tutorials may be indicated and synopsis of each lecture, including comprehensive and graded bibliographical notes may be cyclostyled and circulated amongst the students well in advance of the actual teaching work. These notes will have to be revised periodically. Adequate clerical and stenographic assistance will have to be provided to the teachers for this purpose. Assistance in this behalf could be provided by students, who should be paid for the work done by them.

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Tutorial work should not necessarily mean more teaching periods. Lecture periods could be reduced with advantage and tutorial periods could take their place in the general scheme of teaching.

Teacher-pupil ratio being unsatisfactory in most of the colleges, it may be necessary to employ additional part-time staff to cope with the tutorial work. For this purpose also postgraduate and research students in the colleges may be employed and if the college does not have such students on its own rolls, postgraduate and research scholars from other institutions and the neighbouring university could be invited to help in the tutorial work of the college on the basis of a suitable honorarium. The consensus was that honorarium to existing teachers for any work under the CQSIP should be avoided at all costs.

There was a general feeling that the language equipment of students, particularly in English and sometimes even in regional languages, was rather unsatisfactory. Special provision of remedial teaching may have to be undertaken to enable the students not only to improve their capacity for comprehension and expression in the language concerned, but also in understanding courses in other subjects.

It was felt that the teachers in the colleges do not always have an idea of what the tutorial is and what its objectives should be. A suggestion was made that it would be advantageous to have a workshop on the method of operating the tutorial system. This matter may be examined in depth by the UGC.

#### 5. Practical orientation to the courses:

It was agreed that even within the existing system and the existing courses, it should be possible to give practical orientation to some courses and to at least some parts of some courses. Various possibilities were mentioned particularly in Psychology, Economics and political science. The general agreement was that the teachers should prepare materials for practical orientation courses, teach them accordingly and help students to better comprehend their courses to ultimately provide the groundwork for reforming the university syllabus.

While short surveyes in the neighbourhood would be all-right, it may not be necessary to undertake long-term projects which may involve extensive touring and may have only a remote bearing on the existing curriculum. Limited field work in some subjects may be necessary, but it should not be extended to courses where it is not so essential; e.g. extended excursions and long tours in the case of disciplines like languages, philosophy, etc.

#### 6. Internal Assessment:

It was recognised that the importance which a university attaches to internal assessment will ultimately determine the



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success of the internal assessment and tutorial system. But even so, the Principals agreed that internal assessment in connection with the certificates to be issued by the colleges should stimulate the students and teachers to do better work. For internal assessment it will be necessary to employ a variety of questions e.g. short answer questions, multiple choice questions, true-false questions and short examinations without previous warning. It should be possible for every department to prepare a question bank in each subject and this could be supplemented and refined by cross references with the question banks prepared by other colleges/universities under this scheme. It may be possible ultimately to finalise a question bank in a given subject and bring it out for the benefit of students of all colleges.

#### 7. Improvement of reading habits:

The primacy of reading, writing and the audio-visual aids was recognised in the teaching of the humanities and social sciences. Special efforts will have to be made to improve the reading habits of students. For this purpose it may be necessary to provide to the students (a) notes on bibliographies; (b) duplicated periodical literature and (c) regional language translations of materials that appear in English periodicals. The teachers should arrange seminars where their own students together with postgraduate and research scholars in and around the college could periodically review new books in the subject.

All the students should be oriented to the college library and instructed in the use of the library services. It is also important that the students know right from the beginning how to locate reading materials in the library, how to consult dictionaries and Encyclopaedias and how to collect references for topics of their tutorials.

#### 5. Identification of priorities:

Each college will have to identify its own priorities in the light of the guidelines mentioned above. The programme should have flexibility within the general frame work recommended by the Principals. For instance, while it may be necessary for some colleges to invite guest lecturers for short periods, other colleges may find it more profitable to invite guest teachers for extended periods, say 2 to 3 weeks and pay them travelling allowance and hospitality. Similarly, some colleges may like to add to their staff, while others may have to strengthen their

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library and audio-visual departments.

The college Principals agreed to send revised programmes in the light of the guidelines accepted by them.

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CONFIDENTIAL

UNIVERSITY GRANTS COMMISSION

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Meeting:

Dated: 9th/10th December, 1974

Item No. 23: To consider further the proposal of the Government of India for making National Service for a specified period as a pre-condition for the award of a degree.

.....

The University Grants Commission at its meeting on 7th May, 1974 (Item No.11) considered the suggestion of the Ministry of Education & Social Welfare, Government of India for integrating the National Service Scheme with curricular activities in Universities and Colleges and for treating national service as a pre-condition for the award of a degree. The Commission resolved as under:-

"The Commission was of the view that it would be desirable to extend the National Service Scheme to cover all the students who join the first degree course in universities and colleges on a compulsory basis. This would, however, have to be suitably phased out. While it would not be practicable to link the National Service Scheme with all the university disciplines, it should be possible to integrate this programme with the curricula of some selected subjects. The academic bodies of the universities may consider how much of integration is possible and in what disciplines, the manner in which this may be done is best left to the Universities. The Commission desired that the manner in which integration of university disciplines with National Service Scheme is effected may be examined also by a committee of experts. This committee should be informed of total sum available for the scheme during the V Plan period".

The Ministry of Education was informed accordingly. The Ministry desired to have specific views of the Commission with regard to the suggestion for making National Service as a pre-condition for the award of a degree in professional courses. The Ministry was informed that the Commission is of the view that it would be desirable to extend the National Service Scheme to cover all the students who join the first degree course in all subjects, including professional subjects. As the number

P.T.O.



Copy of letter No.F.1-19/71-SY dated 23rd November, 1974 received from Shri T.S. Swaminathan, Deputy Secretary, Ministry of Education & Social Welfare, New Delhi addressed to Shri R.K.Chhabra, Secretary, University Grants Commission, New Delhi.

Kindly refer to the correspondence resting with the University Grants Commission's letter No.F.14-7/73(HR) dated the 10th July, 1974, regarding the proposal for making national service for a specified period as a pre-condition for the award of a degree. The views of the University Grants Commission conveyed in this letter were made available to the Ministry of Law.

2. What has been stated in the UGC letter pertains to compulsory national service during the college term. However, as already stated, the Cabinet suggestion is somewhat different and pertains to liability for service after the degree. What the Cabinet has suggested is a system under which national service could be prescribed as a pre-condition for the grant of a degree. The intention is that social service is to be performed after the attainment of the degree and after acquiring the necessary qualifications, but the liability to perform it is to be made a pre-condition of a degree. In case the suggestion cannot be universally adopted for all those who obtain the first degree, in the first instance, it should be examined whether specified types of graduates viz. Doctors, Engineers, Teachers, etc., can be compelled to render a specified period of national service after they have qualified fully for the award of a professional degree, the liability to render such service being a pre-condition inherent in the award of a degree.

3. In view of what has been stated above, it will be appreciated that the views of the University Grants Commission intimated in their letter of 10th July, 1974, do not touch this specific suggestion. We shall, therefore, be grateful if the matter could be examined by the UGC de novo and their views and comments on the Cabinet suggestion outlined above made available at a very early date. In particular, the UGC may kindly let us know if they consider the suggestion outlined in the preceding paragraph is viable, desirable and possible. If so, how and in what manner such a stipulation can be made may also kindly be intimated, before we approach the Ministry of Law again.

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4. Since the Cabinet Secretariat has been pressing us for quite some time, we shall be grateful if this could be treated as urgent.

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SECRET

No.F.1-19/71-SY  
Government of India  
Ministry of Education & S.W.  
(Department of Education)

....

New Delhi, 23rd November, 1974

OFFICE MEMORANDUM

Sub: Suggestion for National Service for a specified period as a pre-condition for the grant of a degree.

While considering the introduction of the National Service Bill (moved by the Ministry of Home Affairs) in the Lok Sabha, the Cabinet had desired in its meeting of 24th November, 1971, that the suggestion that National Service for a specified period be made a pre-condition for the grant of a degree, be examined.

2. The suggestion was examined vis-a-vis the recommendations made by a Sub-Committee set up by the Ministry of Education in 1971 for a mid-term appraisal of the National Service Scheme for university students launched in 1969. This Committee had, inter alia, recommended that the curriculum of the first degree course in every discipline be modified to include some aspects of social service so that the National Service Programme can be enlarged as part of the curricular activities of the first degree course. It had also suggested that attempts to utilise service of fresh graduates who evince keen interest in National Service activities for a specified period after graduation, should also be examined.

3. The Ministry of Education & Social Welfare convened a meeting of the Informal Group of Ministers and Educationists in May, 1973, to discuss the suggestion concerning National Service as a pre-condition for the award of first degree of the University. The general consensus that emerged following a detailed discussion was that on account of managerial and motivational difficulties, constraint of resources, involvement of vast number of students etc.,

P.T.O.

it is not feasible at this juncture to introduce compulsory National Service as a pre-condition for the award of first degree. The Group instead suggested that an attempt should be made to build into the curricula, field-oriented works projects for execution by the teaching and student community largely in rural and slum areas and that this attempt should become a forerunner of compulsory National Service at a later date. This Ministry of Education agreed with this view and referred the question of integration of NSS to the University Grants Commission.

4. A Note for the Cabinet containing the views given in paragraph 3 above was prepared in September, 1973, and forwarded to the Cabinet Secretariat with reference to the suggestion regarding compulsory National Service as pre-condition for the grant of a degree.

5. In the meantime, the National Service Act was passed in June, 1972. This act provides for the registration of graduate doctors, engineers and technologists, and for rendering of national service by such persons for a period of not more than 4 years to assist the Defence of India and Civil Defence or the efficient conduct of military operations including such social service as the Central Government may consider necessary for public purposes. The Act is applicable to persons below 30 years of age. During such service, these persons will be paid salary and allowances etc. as admissible to persons holding similar positions under the Government.

6. In October, 1973, the Cabinet Secretariat clarified that what the Cabinet had suggested in a system under which national service could be prescribed as a pre-condition for the grant of a degree. The intention is that social service is to be performed after the attainment of the degree and after acquiring the necessary qualifications, but the liability to perform it is to be made a pre-condition for the grant of a degree. In case the suggestion cannot be universally adopted for all those who obtain the first degree, in the first instance it should be examined whether specified types of graduates viz. Doctors, Engineers, Teachers, etc., can be compelled to render a specified period of national service after they have qualified fully for the award of a professional degree, the liability to render such service being a pre-condition inherent in the award of a degree.



7. The Ministry of Education & Social Welfare has been asked to re-examine the entire matter and submit a paper to the Cabinet. Before this is done, it is requested that the above proposal (para 6) may kindly be examined in the Ministry of Labour and Employment/Ministry of Health & Family Planning (Deptt. of Health) and their views communicated as to whether the Cabinet suggestion, referred to above, is desirable, viable and possible. The Ministry of Labour may also kindly indicate if they are in favour of the above proposal keeping in view the labour and employment situation in the country. Department of Health may also indicate their views in so far as it pertains to the doctors.

8. Since the Cabinet Secretariat desire that the paper to be submitted to them immediately, it is requested that the views and comments requested above may kindly be furnished to the undersigned as early as possible and latest by 15th December, 1974.

Sd/-  
(T.S.Swaminathan)  
Deputy Secretary

M/Labour & Employment (DGET)  
(Attn: Shri Ishwar Chandra, Jt. Secy.)

M/Health & Family Planning,  
(Deptt. of Health)  
(Attn: Shri Sharwan Kumar, Jt. Secy.)

Copy for favour of similar necessary action to:-

- |    |                           |  |                           |
|----|---------------------------|--|---------------------------|
| 1. | Dir(U)(Shri R.S.Chitkara) |  | It is requested that the  |
| 2. | DEA(T)(Shri V.R.Reddy)    |  | views/comments of the     |
| 3. | DS(Schools)(Sh.A.K.Jain)  |  | University and Higher     |
|    |                           |  | Education Division/School |
|    |                           |  | Education Division on the |
|    |                           |  | above suggestion of the   |
|    |                           |  | Cabinet may kindly be     |
|    |                           |  | furnished as early as     |
|    |                           |  | possible and latest by    |
|    |                           |  | 15th December, 1974.      |

Sd/-  
(T.S.Swaminathan)  
Deputy Secretary

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## University Grants Commission

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We may consider the functioning under three heads :

- (1) Programmes
- (2) Implementation
- (3) Secretariat support

### (1) Programmes :

#### 1.1. Colleges

Effort has been made to develop a new philosophy of the improvement of the colleges. States have been advised not to establish new colleges without a survey and if a new college is considered absolutely necessary, full justification be given for this. The major attempt is to strengthen the existing colleges. For this purpose, the following programmes have been developed :

- (a) Autonomous colleges
- (b) Development of Postgraduate colleges and Postgraduate Centres ;
- (c) Development of Academic Centres and Colleges clusters ;
- (d) General programmes for the other colleges coming under Section 2(f) ;
- (e) Programmes for colleges in the backward regions including rural areas and colleges for women.

It has been suggested that the district may be chosen as a unit for planning the development of colleges. Guidelines for the U.G.C. pattern of assistance for the Fifth Five Year Plan have already been despatched. Divisional Heads have been asked to prepare an educational profile of the states bringing out, particularly, the position of the colleges.

The above programme has yet to be put on the ground. Apart from Birla Institute of Technology, Ranchi, no college has actually been given autonomous status. Interest, however, in the project, has shown by many states and universities. Some states have also amended the Acts of the Universities for this. The entire project for college development needs detailed discussions with various State Governments. (A separate note is being prepared).

#### 1.2 Universities

University Grants Commission guidelines on establishment

have been spelt out in detail. The basic manner in which existing universities are to be developed is spelt out in the guidelines for the Fifth Plan.

### 3. Special Programmes

The special programmes developed by the Commission may be discussed as under :

#### 3.1 Research

- (i) Fellowships, Research Associateships etc. The new pattern has started being implemented.
- (ii) Projects : 203 advanced research projects were received in social sciences and humanities. 19 were accepted, 75 are under consideration.. These are being placed before the December meeting. In the case of natural sciences, 693 projects were received. 88 were cleared by the Panels, 294 under consideration, 181 yet to be evaluated.. They are to be placed before the SRC.
- (iii) CAS and SACS : Review of the existing CAS has been done.. Proposals for CAS and SACS have yet to be invited.
- (iv) UNDP Projects : 10 projects with emphasis on R & D have been sent to the UNDP Agency.
- (v) Area Studies : Projects for the Fourth Plan have been reviewed and universities invited to prepare proposals in their light. New schemes have also been cleared and universities informed.
- (vi) PL 480 and Ford Foundation :  
They are still in the discussion stage. Fresh ground has been broken in the field of research. The biggest limitation is of funds, which is being discussed with other scientific agencies. The question of appointing a Director who will be Member-Secretary of the SRC has been taken in hand.

#### 3.2. Faculty Improvement :

The biggest improvement salary revision has been implemented in the Central Universities. Discussion with States are continuing.

Summer Institutes and Seminars have been reviewed.

Refresher Courses & Teacher Fellows : Broad guidelines have been worked out. The work plan for Faculty Improvement Programme is before the Commission as item No. 17 of the Agenda.

3.3 Orientation of Courses :

The Panels are expected to play an important role in the reorientation of syllabi and courses.

3.4 Guidelines regarding work experience, vocational courses, rural orientation etc. are being worked out.

3.5 Science Centres : The note is being prepared and will soon go to the Universities.

3.6 Examination Reforms : A separate note will be appended.

3.7 Non-formal Continuing and Adult Education : The guidelines for Correspondence courses have been worked out and the projects are being cleared in the light of the guidelines. The programme of adult education will have to be re-organised in the light of the note from the Ministry of Education.

3.8 Buildings : Although universities and states have been asked to use local material, little progress appears to have been made. Norms regarding hostel accommodation, faculty buildings etc. need revision in the light of existing realities.

3.9 U.G.C. Journal : Report of the Editorial Committee is being placed before the Commission.

3.10 Student Amenities : Norms for Canteens, Student homes, Health Centres etc. will have to be fixed in the light of the funds position. Additional funds may have to be provided for the purpose.

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