

NORTH-EASTERN HILL UNIVERSITY
SHILLONG- 793 001

No: AC:43-1/Conf/92-1135 Dated Shillong the 25th February, 1992.

To

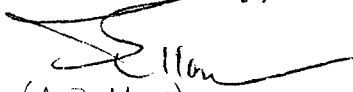
The Members of the
Academic Council,
North-Eastern Hill University.

Subject: Agenda papers for the 43rd Meeting of the Academic Council.

Sir,

I am forwarding herewith the Agenda papers for the 43rd meeting of the Academic Council scheduled to be held on the 3rd March, 1992 at 11:00 A.M for favour of your information and consideration.

Yours faithfully,


(A. Patton)
Registrar

Encl: a.a

AGENDA PAPERS FOR THE FORTY-THIRD MEETING OF THE ACADEMIC COUNCIL

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- (i) Confirmation of the minutes of the 42nd meeting of The Academic Council held on 27.6.91.

The minutes of the 42nd meeting of the Academic Council held on 27.6.91 were circulated to all members. Dr. K.K. Upadhyaya submitted the following comments on the minutes :-

" In the 27 June 1991 meeting of the Academic Council an agenda on faculty selection procedure given by several members was taken up as A.O.B as the last agenda.

There was a clear consensus of opinion that there exists an E C- Resolution-based condition of a minimum of two year's service on the post from which a teacher applies which is applicable for forwarding of application for appointment, whether within the University or outside.

The Chairman's ruling at the close of about 20-minute long discussion was that this (consensus of opinion) would be brought to the notice of E C.

While this may have been done, I regret to say the admission of the agenda, the said consensus and the said ruling find no mention in the Minutes of the referred A C-meeting. "

It may kindly be recalled that when this issue was raised the Chairman informed the Council that the issue is a subject to be considered by the Executive Council and therefore assured that he would bring it to the notice of the Executive Council. In the Executive Council meeting that followed i.e., in the 72nd Executive Council meeting held on 29.6.91, the Chairman accordingly inform the Executive Council and the latter took the same into consideration.

Since the subject matter does not fall within the purview of the Academic Council, the issue raised and the Chairman's reply on the same, were not recorded in the Academic Council minutes, though there was a long informal discussion.

In view of the above, the Council may kindly consider confirming the minutes as circulated.

3:1 Ratification of action taken by the Vice-Chancellor.

(i) Nomination of NEHU Representative in the Governing Body of affiliated Colleges.

The Vice-Chancellor has nominated University representatives in the Governing Body of affiliated Colleges as follows:-

<u>Name of the College</u>	<u>University Representative</u>	<u>Term</u>
1. Aizawl North College Aizawl.	1. Mrs. Bharti Sharma, Reader Deptt. of Social work, NEHU Mizoram Campus, Aizawl.	2(two) years w,e,f,5.7.91
	2. Dr. S. Jawaid, Lecturer, Deptt. of Public Adminis- tration, NEHU, Mizoram Campus, Aizawl.	-do-
2. Shillong Law College, Shillong.	1. Prof. I. Hussain, Deptt. of History, NEHU, Shillong.	3(three) years w,e,f,24.7.91
	2. Dr. (Mrs) R. Borgohain, Deptt. of Pol. Science, NEHU, Shillong.	-do-
3. Fazl Ali College Mokokchung, Nagaland.	1. Dr. Rajiv Sharma, Lecturer, Deptt. of Geology, NEHU Kohima.	3(three) years w,e,f, 24.9.90
	2. Dr. D. N. Upadhyaya, Reader, SASRD, Medziphema	
4. Soa Chang College, Tuensang, Nagaland.	1. Dr. P. K. Gupta, Reader, Deptt. of Education NEHU, Kohima.	-do-
	2. Dr. Laxa, Lecturer, SASRD, Medziphema.	-do-
5. Seng Khasi College Shillong-2.	1. Dr. D. T. Khating, Physics Deptt, NEHU Shillong.	3(three) years w,e,f,1.8.90.
	2. Dr. D. R. Syiemlieh, History Deptt, NEHU, Shillong.	-do-

6. Achang Rangmanpa College, Mahandraganj	1. Dr. L.Cassah, Political Science Deptt. NEHU, Shillong.	-do-
	2. Dr.P.K.Ganguly, Education Deptt, NEHU, Shillong.	-do-
7. St.Mary's College, Shillong-3	1. Prof(Mrs)M.Ila Chemistry Deptt, NEHU, Shillong.	3(three)years w,e,f,1.8.90
	2. Prof(Mrs)T.Ao English Deptt NEHU, Shillong.	-do-
8. Ri-Bhoi College, Nongpoh	1. Dr.B.K.Tiwari Centre for Eco-Develop- ment,NEHU, Shillong.	-do-
	2. Dr.N.Malla, Philosophy Deptt, NEHU, Shillong.	-do-
9. Mendipathar College, Mendipatha .	1. Prof K.Buz, Economic Deptt, NEHU, Shillong.	3(three) years w,e,f,12.6.90
	2. Dr.Milton Sangna, History Deptt, NEHU Shillong.	-do-
10.St.Edmund's College Shillong.	1. Prof M.K.Chaudhury, Chemistry Deptt,NEHU Shillong.	3(three)years w,e,f,1.8.90
	2. Prof P.K. Chatterjee, Zoology Deptt,NEHU Shillong.	-do-
11. Patkai Christian College, Chumukedima.	1. Dr. N.P.Pandey, Lecturer, Department of Geology, NEHU,Kohima.	3(three)years w.e.f.24.9.90.
	2. Dr. M.S.Jamir, Medziphema, Nagaland Campus, Kohima.	-do-

The matter is placed before the Council for ratification.

(ii) Nomination of external experts to the School Boards:

In the composition of the School Board as per Ordinance OA-7, Clause 1 (vii) ^{it is} provides that 5 external experts are to be nominated to the School Board by the Academic Council. The following experts have been nominated by the Vice-Chancellor to the respective School Boards and the nomination is now placed before the Council for ratification :

School Board of Environmental Sciences

1. Prof R.C.Sharma
Centre for Internal Politics,
Organisation and Disarmament Studies
School of International Studies,
Jawaharlal Nehru University,
New Delhi - 110067.
2. Prof V.Asthana,
School of Environmental Sciences,
Jawaharlal Nehru University,
New Delhi- 110067
3. Prof G.B.Singh
Department of Geography
Punjabi University,
Patiala - 147001
4. Prof J.B.Lal,
Forest Research Institute,
Dehra Dun- 248001
5. Prof H.N.Sharma,
Department of Geography,
Gauhati University,
Guwahati-781 014.

School Board of Life Sciences

1. Prof H.N.Singh,
School of Life Sciences, Central
University Hyderabad, Hyderabad-500134
2. Prof G.K.Garg
Department of Bio-Chemistry,
G.B.Pant Agriculture and
Technology, Pantnagar-263 145
3. Prof Dalbir Singh
Botany Department,
Rajasthan University, Jaipur.
4. Prof A.N.Lahiri Majumder,
Rose Research Institute,
Acharya Prafulla Chandra Road, Calcutta.
5. Prof A.Chakravarty,
Department of Zoology, North-Bengal University,
P.O. North-Bengal University, Dist Darjeeling.
West Bengal - 734 430.

4. Deferred items :-

Proposed revision of the Ordinance OB-6 and its regulations regarding Affiliation of Colleges and Ordinance OB-7 on the College Development Council.

The College Development Council has proposed review of the Ordinance OB-6 on Affiliation of Colleges and OB-7 on the College Development Council. The Proposed revised Ordinance OB-6 and its Regulations and the revised Ordinance OB-7 as submitted by the College Development Council are placed at Annexures-A & B for consideration of the Council.

A brief of the major amendments affected in the proposed revised Ordinance and the observations there on are as follows :-

On Ordinance OB-6 on Affiliation of Colleges.

1. The existing provision of submitting applications for affiliation etc. To the Registrar is amended so as to provide for submission to the Director, College Development Council. This will contradict the statutory provision which provides that applications are to be submitted to the Registrar.
2. Under the existing Ordinance, applications for affiliation are screened by the Affiliation Committee which thereafter submits a report to the Academic Council for consideration of appointing an Inspection Team whereas the proposed revised Ordinance provides that the applications will be examined by the College Development Council which will thereafter submit a report to the Academic Council. In the revised Ordinance, the Affiliation Committee still exist but its functions are not spelt out.
3. The rates of affiliation fees and enrolment fees are proposed to be enhanced. Two rates of enrolment fees are given in the proposed revised Ordinance.
4. The definition for "consistently good academic record" (a qualification requirement for the post of Lecturer) is deleted. The definition existed in the existing Ordinance to provide an interpretation of the said qualification requirement.

Further the qualifications for the posts of Tutors and Demonstrators are not spelt out in the revised Ordinance.

5. There is no mention in the revised Ordinances about the rules on Minimum Number of Classes per week, On the duties and Workload of Teachers; on Staffing Requirement and on Accommodation and Equipments. There is no mention either about the existing Regulations on the above subjects.

In the proposed revised Regulation on Norms on Library books, the number of library books for Honours subjects is not fixed.

On OB-7 on the College Development Council

1. In the proposed revised Ordinance, the existing provisions for membership of the " Finance Officer " and the " Librarian " in the College Development Council, is deleted.

2. One of the existing functions of the College Development Council i.e, " to review the academic performance of the affiliated colleges " is also deleted.

3. The existing provisions providing for a Standing Committee of the College Development Council in outlying Campuses are also deleted in the proposed revised Ordinance.

The matter is placed before the Council for consideration.

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ANNEXURE-'A'

OB6

ON THE AFFILIATION OF COLLEGES
(STATUTE 33 (6) (ii) of the Schedule to the NEHU Act. 1973)

ESTABLISHMENT OF A NEW COLLEGE

1(1) When it is proposed to establish a new college, the sponsoring body or in the case of a Government College, the Director of Education of the State concerned, shall submit an application to the Director, College Development Council in a prescribed form not later than 15th May of the preceding calendar year in which it is intended to start the college. The application should be accompanied by a project report giving details as laid down in the Regulations.

(2) The colleges for the purpose of the Ordinance will be two categories, viz. Pre-University colleges and Degree colleges. The admission to the privileges of the University for the two categories shall be decided separately.

(3) A Degree College shall be admitted ordinarily to the privileges of the University, in the first instance, for providing instruction for the first two years of the three years degree course only. It may be admitted to the further privileges of providing instruction at the third year level as well separately in accordance with the procedure prescribed for the purpose by the University.

INITIAL SCREENING OF THE APPLICATION

2. The application will be examined by the College Development Council with respect to the requisite conditions and after that it will be sent to the Academic Council with the approval of the Vice-Chancellor.

INSPECTION COMMISSION

3(1)(a) The Academic Council, after considering the report (of the Council) may appoint an Inspection Team. The Team shall comprise not less than three members one of whom shall be the Director of Public Instruction/Director of Education of the State concerned or his nominee.

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(b) The Inspection Team may take necessary steps to examine the request, inspect the site and submit its report to the Director, College Development Council. The report shall cover the following aspects-(1) the suitability of the site (2) feasibility of plans submitted (3) the adequacy of the physical and financial resources offered.

FIRST PERMISSION

(2) A new college may ordinarily be permitted, in the first instance, to start the Pre-University Course only.

Provided that where a State Government decides to take over the conduct of the plus 2 stage of Higher Secondary education, permission to start Pre-University course in a new college shall not be given. Affiliation and permission may be considered directly for the degree course.

Provided in the case of an institution sponsored by the Government or by an Education Society of standing, permission may be granted to start the Pre-University and Degree courses simultaneously subject to the first proviso above.

TIME SCHEDULE FOR APPLICATION ETC.

4(1) The request for permission to open a college/renewal of provisional affiliation/permanent affiliation in an academic session shall be made before the 15th May of the preceding year. The Inspection Commission which shall be appointed by the Academic Council shall submit its report before the end of October. The decision on permission to start the college shall ordinarily be communicated by the University not later than 31st December.

OPENING OF A NEW FACULTY IN AN EXISTING COLLEGE

(2) When it is proposed to open a new faculty in an existing college, the sponsoring Body, or in the case of a Government College, the concerned Director of Education, shall submit an application to the Director not later than 15th May, of the preceding year in which it is intended to open the faculty. The application shall be accompanied by a project report giving details

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as laid down in the Regulations

PRELIMINARY ONLY BY THE SPONSORING AUTHORITY FOR AFFILIATION

5(1) On the receipt of the permission to start a college the sponsoring body shall constitute a Governing Body and proceed to make appointments for the posts of the Principal and other academic staff in accordance with the provisions of the Statutes, Ordinances and Regulations, of the University about their composition, minimum qualifications, procedures for appointment etc.

(2) No person who does not fulfil the prescribed qualifications laid down by the University for the purpose shall be appointed on the staff of the college

APPLICATION FOR PROVISIONAL AFFILIATION

6(1)(3) Ordinarily the application for provisional affiliation will be entertained only after the University is satisfied that the college has fulfilled the minimum requirement about the appointment of the Principal, the staff and other conditions laid down by the University.

(2) COMMISSION FOR GRANT OF PROVISIONAL AFFILIATION

7. The Commission which reported on the permission for starting the college, if the Academic Council so decides a reconstituted Commission, shall visit the college on any working day in the first academic session of the college between April 15 and July, 31, and submit a report as may be prescribed in the Regulations, to the Academic Council.

PROVISIONAL AFFILIATION

8. On the receipt of a report from the Commission the Academic Council may grant provisional affiliation to the college. The University may after ascertaining that the requirement regarding governing body as given in Statutes, Ordinance and Regulations as modified by the Academic Council from time to time have been met, notify the decision of the Academic Council to the College concerned.

DEGREE COLLEGES

9(1) PASS COURSES: The application for permission to start a Degree College, shall be submitted by the college to the Director, College Development Council before May 15 of the preceding year in which it is intended to start in accordance with the Regulations on the subject.

Provided that the request from a Pre-University College to start Degree Classes will be considered only if the results in the Pre-University classes in the concerned subject has been satisfactory during the 3 preceding years and subject such other conditions as may have been laid down in the Regulations.

(2) HONOURS COURSES : The Application for permission to start Honours classes in any subject shall be submitted by the college to the Director, CDC, before May 15 of the preceding year in which it is intended to start the Honours classes in the prescribed form in accordance with the regulations on the subject.

Provided that such a request will be considered only if the results in the concerned subject in the Degree Pass Course examinations in the preceding 3 years have been satisfactory.

THE AFFILIATION COMMITTEE

10. The Academic Council shall constitute an Affiliation Committee for colleges under the University. The composition of the Committee shall be as follows :-

- | | |
|---|------------------|
| (i) Vice-Chancellor or
Pro Vice-Chancellor. | Chairman |
| (ii) Registrar | Member |
| (iii) DPI/Director of Education or his
nominee from each of the three Units. | Member |
| (iv) Two nominees of the Academic Council | Member |
| (v) Director, College Development Council | Member-Secretary |

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RENEWAL OF PROVISIONAL AFFILIATION

11.(1) Provisional affiliation to a college shall be granted for a period three years at a time. Requests for renewal shall be submitted in the prescribed form, if any, or on plain paper, six months before the expiry of the Provisional affiliation.

(2) The Vice-Chancellor shall appoint an Inspection Committee to report on the request for renewal. The Commission shall review the progress of the college, its performance in general and make recommendation for renewal of provisional affiliation. The Vice-Chancellor may permit the renewal subject to notification by the Academic Council.

PERMANENT AFFILIATION

12. The College which has been granted provisional affiliation after the lapse of the stipulated period as prescribed in the Regulations may apply for permanent affiliation which may be granted on the recommendation of an Inspection Commission appointed for this purpose.

SUBMISSION OF STATEMENT OF PARTICULARS

13. The Principal of a college shall submit a written statement of particulars to the Inspection Commission at the time of inspection as may be laid down in the Regulations.

DISSOLUTION OF A COLLEGE.

14. No college shall be dissolved or abolished by its Governing Body without making prior arrangement for admission of its students in another affiliated college or colleges and without making alternative arrangements for employment of the permanent members of the teaching staff and also without obtaining prior approval of the Government, the University and the University Grants Commission, regarding final settlement of any property including library books and laboratory equipments which might have been acquired by the colleges with financial assistance from the University Grants Commission and/or Government.

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4:1(8)

Provided that no college shall be dissolved or abolished under any circumstances in the midst of an academic session

POWER TO LAY DOWN NEW CONDITIONS

15. The Executive Council may, from time to time, lay down new conditions of affiliation, general or specific, regarding staff, buildings, equipment, library, laboratories, finance or other relevant matters and specify the date by which these conditions must be satisfied failing which the institution may not be allowed to enjoy the privileges of the University.

ADMISSION OF STUDENTS

16. No students shall be admitted into any college or any course of instruction in a college before temporary affiliation is granted by the University. Breach of this rule may be sufficient ground for refusal of any permission.

AFFILIATION AND OTHER FEES

17.(1) A sponsoring authority seeking permission to open a new college or colleges seeking to open new course or upgradation or for seeking provisional/permanent affiliation, shall pay the fees at the rates specified below:-

Request for temporary affiliation	(i) Request for permission to open a new college.	Rs.2000/-
	(ii) Request for renewal of provisional affiliation/permanent affiliation.	Rs.2000/-
	(iii) Permission to open a new course/subject.	Rs. 500/-
	(iv) Annual enrolment fee Rs.100/- per student on rolls as on the closing day of admission of the year subject to a minimum of	Rs.1000/- Rs. 500/-
	(v) Reserve fund in long term fixed deposits in the name of the college.	
	for P.U. College	Rs.1,00,000.00
	for Degree Colleges	Rs.2,00,000.00
	for Honours Colleges	Rs.3,00,000.00
Fees once paid shall not be refunded.		

FEES FROM THE STUDENTS

(2) The College may levy such fees from the students for tuition etc. as may be prescribed from time to time.

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4:11(9)

WITHDRAWAL OF AFFILIATION

18. The Executive Council shall have power to withdraw any affiliation or permission from a college at any time whenever in the opinion of the Executive Council it has failed to comply with the Rules, Regulations, Statutes, Ordinances or any other directives of the University, or if the college authorities have failed to maintain order and discipline in the college or the normal regular and proper functioning of the college has become impossible due to mismanagement of the affairs of the college or any other reasons.

QUALIFICATION OF TEACHING STAFF:

19.(1) Principal: A Principal of a college shall be a wholetime Officer, possessing integrity, commanding personality and should be the holder of at least a Second Class Masters' Degree within 10 years experience as a teacher in a college or a University or as an Educational Administrator.

Provided that in special cases of outstanding merit and or administrative ability in the length of experience may be relaxed upto 5 years. His minimum age should be 35 years.

(2) Teachers: For the purpose of this Ordinance all teacher(s) shall be wholetime employees of the college except where otherwise specially permitted by the University. Whatever their actual designation or scale of pay they shall be classified as Lecturers, Tutors or Demonstrators.

(3) Lecturer: General:(a)Consistently good academic record with qualification prescribed by the University Grant Commission with at least High Second Class Masters' Degree in a relevant subject or equivalent.

(4) Lecturer in MIL(in which normal post graduate education has been/has not been started).

(a) Consistently good academic record with High II Class Masters' degree 55% in the language concerned, and

Or

(a) Consistently good academic record with a High II class Masters' degree 55% at any subject and at least 60% marks in the language concerned at Degree examination, and

contd....

4:1(12)

(5) Appointment of teaching staff, including the principal of the college, shall be made by proper advertisement and by the Governing Body subject to approval by the University except in case where this matter is governed by suitable rules, if any, of the Government concerned duly framed for the purpose.

INSPECTION REPORT

26. The Inspection Report of a college shall not be communicated to the college but shall be regarded as a confidential document until it has first been considered by the University. After a decision regarding affiliation has been made, copies of the report may be sent unless withheld under the order of the Vice-Chancellor for any reason, to the College and to the Directors of Education concerned for information, guidance and necessary action.

REMOVAL OF DIFFICULTIES

27. Any difficulty arising in interpretation of giving effect to, any provisions of this Ordinance, shall be referred to the Vice-Chancellor, whose interpretation or decision there on shall be final.

1. Approval vide Ministry of Education Government of India letter No. F.8-21/82-Desk(u) dated 2.7.1982 with retrospective effect i.e. with effect from the inception of the University.
2. The provisions from Clauses 1 to 15 of this Ordinance supercede the corresponding provisions of the First Ordinances on affiliations, viz. Clauses 1 to 13 and Clause 14 in the First Ordinance renumbered as Clause 16 and Clauses subsequent to it stand renumbered serially Amended vide Executive Council Resolution No EC:31:82:15.
3. Clause 15 of the First Ordinance (Clause 17 after a numbering) regarding affiliation fee amended vide Resolution of the Executive Council No. EC:32:82:04(7) and renumbered as Clause 17 in this Ordinance.
4. The provisions of Clause 19(3) and (4) amended (Clause 17 c & in the Old Ordinance) vide Executive Council resolution

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4:1(11)

Vide Executive Council resolution No.EC:41:48:04:1(i)

5. The Clauses 20,21,22 and 23 amended (Clause 18,19,20 and 21 and 22 respectively in the O.L. Ordinance) vide Executive Council resolution No.EC:41:04:04:1(i)
6. Clauses 25 and 27 added vide Executive Council Resolution No.EC:41:48:04:1(i).

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NORMS OF LIBRARY BOOKS

1. Pre-University

A college providing instruction for Pre-University course only shall be required to have copies of all the text books for the subject for which they are affiliated in the ratio of one copy for every five students. The library must also subscribe to at least five New Magazines and Popular Information periodical e.g. Science Today etc.

2. B.A./B.Sc/B.Com.

A college imparting instruction for Degree course must have multiple copies of Text Books, and Books which are prescribed in the syllabus in the ratio of one copy for every five students. Besides, the college must also have in its library minimum of 1000 volumes of reference books of general literary and scholarly value. The library should also subscribe to at least 5 journals in addition to those subscribed at the P.U. level.

3. Honours.

A college imparting teaching in an Honours subjects must have in its library in the subject concerned preferably multiple copies of each subject.

4:1 (13)

OB-6/R-6

NORMS ON NUMBER OF STUDENTS TO
BE ADMITTED IN VARIOUS CLASSES

1. Pre-University Science and Bachelor of Science
(First and Second Year)
 - (i) The number of students to be admitted to Pre-University Science and First and Second Year of the Bachelor of Science courses shall ordinarily not exceed 40 in each section. This may, however, be increased to 50 by the Principal of the college. In case the number of students exceeds 50, the class shall be split into two or more sections so as to bring them within the prescribed norm.
 - (ii) The number of students to be admitted to the third year of the Bachelor of the Science course shall not ordinarily exceed 30 in each section which may be increased to 40 by the Principal of the college. In case the number of students exceeds 40, the class shall be split into two or more sections so as to bring them within the prescribed norm.
 - (iii) The number of students for a practical class shall not exceed 20 under any circumstances.
2. Pre-University (Arts) and Bachelor of Arts
 - (i) The number of students in Pre-University Arts and Bachelor of Arts- First and Second Year courses shall ordinarily not exceed 50. This May be increased to 60 by the Principal of the college concerned. In case there are more than 60 students, the class shall be split into two or more sections so as to bring them within the prescribed norm.
 - (ii) The number of students to be admitted to the Pre-University and Bachelor of Commerce course shall be as provided for the Arts stream.

4:1(14)

ON NUMBER OF STUDENTS IN CLASS IN COLLEGES.
(Under Section 53 of the North-Eastern Hill
University Statutes)

1. These Regulations shall be called "Regulations on the number of students in classes in colleges" and shall be applicable to colleges maintained by, or admitted to the privileges of the University.
2. These Regulations shall come into force with immediate effect.
3. Size of classes in Pre-University (Science) and Bachelor of Science including Mathematics/Statistics.

(1) The size of theory class in the Pre-University (Science) and first two Bachelor of Science courses shall not exceed 40 students. This number may be increased to 50 students by the Principal of the college.

(2) The size of theory class in the third year on the Bachelor of Science course shall not exceed 40 students.

In case there are more than 40 students in a course the class shall be split into two or more sections so as to bring them within the prescribed norm.

(3)(a) The size of a practical class in the Pre-University (Science) and Bachelor of Science 1st/2nd year courses shall not exceed 20 students.

(b) The size of a practical class in each section of the Bachelor of Science/Honours courses shall not exceed 20 students.

4. The size of a class in Pre-University (Arts) and Bachelor of Arts excluding (Mathematics/Statistics) :

(1) The size of a class in the Pre-University (Arts) and the 1st and 2nd year of Bachelor of Arts shall not exceed 50 students.

In case there are more than 60 students in class. The class shall be split into two or more sections so as to bring them within the prescribed norms.

(2) The size of each section in the third year of the Bachelor of Arts class shall not exceed 50 students.

In case there are more than 50 students in a class, the class shall be split into two or more sections so as to be in conformity with these Regulations.

5. Size of classes in Pre-University(Commerce) and Bachelor of Commerce.

(a) The size of a class in the Pre-University(Commerce) and Bachelor of Commerce courses in respect of Accountancy and Statistics shall be governed by Clause 3 above.

(b) The size of classes in respect of other subjects shall be governed by Clause 4 above.

4:1(16)

ANNEXURE-'B'

OF THE COLLEGE DEVELOPMENT COUNCIL

(Section 2(1)(b) of the NEHU Act, 1973)

Short Title - 1. There shall be established a College Development North-Eastern Hill University.

Object - 2. Without prejudice to the generality of the Provisions of the Act, the Statutes, the Ordinances of the University, the objects of the Council shall be to provide a leadership role and generally extend help, guidance and advice to the College admitted to the privileges of the University.

Scope - 3. The Council shall be the Principal advisory body to the Executive Council, through the Academic Council, in all matters relating to the affiliated Colleges.

Composition of the Council--4. The Council shall consist of the following members

- (i) Vice-Chancellor Chairman, Ex-Officio
- (ii) Pre-Vice-Chancellors Members, Ex-Officio
- (iii) Two teachers of the University Members to be nominated by the Vice-Chancellor.
- (iv) Three Principals of affiliated Colleges one each from Meghalaya, Nagaland and Mizoram, By rotation. Members
- (v) Three teachers of the affiliated colleges, one each from Meghalaya, Nagaland and Mizoram, to be nominated by the Vice-Chancellor. Members.
- (vi) Director of Public Instruction/Education of Meghalaya, Nagaland and Mizoram. Member Ex-Officio
- (vii.) The Director of Sports, NEHU -do-
- (viii) The Registrar, NEHU -do-
- (ix) The Controller of Examinations, NEHU -do-
- (x) The Director, College Development Council, NEHU. -Member Secretary Ex-Officio

Contd./.../-

TERM OF OFFICE OF MEMBERS

5. The term of office of members, other than Ex-Officio members shall be two years and they will be eligible for reappointment, except in cases where the appointment is by rotation, in which case they will wait for their turn to become members again.

FILLING UP OF CASUAL VACANCIES.

6. Any vacancy arising due to illness, death or resignation or otherwise, shall be filled up as soon as may be convenient and the member(s) so appointed shall continue in office for the residual period of office of the member(s) concerned whose vacancy they fill up.

QUORUM 7. Five members of the Council shall form the quorum for the meetings of the Council.

MEETINGS 8(1) The Council shall meet at least twice in an academic year and meetings shall be convened by the Director, College Development Council, in consultation with the Vice-Chancellor. In the absence of the Vice-Chancellor, the seniormost Pro Vice-Chancellor present shall preside over the meetings of the Council. If there is no Pro Vice-Chancellor present then the members present will elect a member from among themselves to preside over that meeting.

(2) A special meeting of the Council may be convened if a request to that effect is received by the Vice-Chancellor in writing from not less than five members of the Council giving a notice of at least 21 days.

PROCEEDINGS OF THE MEETINGS OF THE COUNCIL

9. It shall be the duty of the Director, College Development Council, to keep records of the proceedings of the Council meetings and generally look after the day to day business of the Council.

FUNCTIONS OF THE COUNCIL.

10. The Council shall have the following functions namely.

Contd/..../-

- (i) to provide a forum for consideration of various aspects of education in the affiliated colleges of the University with a view to continuously improve the general education at standards in the Colleges ;
- (ii) to assess the development needs of the colleges ;
- (iii) to help the affiliated colleges to prepare developmental projects which may be financed interally by the Institutions, or which may be presented to other funding agencies such as University Grants Commission, etc.
- (iv) to submit projects to funding agencies on behalf of the affiliated colleges individually or collectively;
- (v) to assess periodically the physical facilities in the affiliated colleges with reference to the number of students and subjects taught and to make recommendations for their improvement;
- (vi) to review the examination system in respect of colleges affiliated to the University and to suggest innovations and improvement;
- (vii) to follow up the Inspection Reports on various colleges and to suggest corrective measures wherever necessary.
- (viii) to promote than encourage co-curricular activities in the colleges; and
- (ix) to perform such other functions as may be assigned to it by the Academic Council, the Executive Council or the Vice-Chancellor.

COUNCIL SECRETARIAT:

11. The office of the Council shall be located at Shillong.

REMOVAL OF DIFFICULTIES.

12. Any difficulty arising in respect of any of the provisions of this Ordinance, shall refer the matter to the Academic Council and Executive Council as necessary.

Adopted vide Executive Council Resolution No. EC:82:15:(iii)(c)

5:1 - Statutes, Ordinances, Regulations & Rules :

- (i) Report of the Committee on membership of Heads of Campus Departments in the BUCS, BPGS, School Board, and Board of Research Studies-amendment of Ordinances :

In the 40th meeting of the Academic Council while confirming the minutes of the 39th meeting, the Council decided that the Heads of the Campus Departments will be members of the Academic Council and authorised the Committee of the 3 Pro-Vice-Chancellors to look into the possibility of making the Heads of Campus Departments, members of the Board of Under-Graduate Studies, Board of Post-Graduate Studies, School Board and Board of Research Studies.

The Committee met on 28.6.91 and the minutes of the meeting is placed at Annexure-'A' for consideration of the Council.

The Committee recommended membership of the Heads of the Campus Departments in the above Boards and has also suggested the lines of amendment of the relevant Ordinances to incorporate a provision as such.

The matter is placed before the Council for consideration.

ANNEXURE-'A'Report of the Committee regarding membership of
Heads of Campus Departments in the BRS, SB, BPGS
and BUGS.

The Committee consisting of the 3 Pro-Vice-Chancellors met on 28.6.91. The Pro-Vice-Chancellor, Mizoram Campus was not present for the full duration of the meeting on account of his engagement in the Faculty Selections.

The Committee discussed the existing provisions on composition of the Board of Research Studies, School Board, Board of Post-Graduate Studies and the Board of Under-Graduate Studies and observed that the Campus Departments are represented in the above Boards only through the membership of its Professor(s) and sometimes by a Reader/Lecturer in the event that their turn of membership comes due by rotation. Thus, the Campus Departments which do not have a Professor are not represented in these Boards for most of the terms. As such, the Campus departments could not effectively participate in the deliberations in matters of academic interest.

The Committee felt that the ex-officio membership of the Heads of Campus Departments will ensure their regular representation in these Boards. It therefore, recommends that the Heads of the Campus Departments may be included as ex-officio members of the concerned Board of Research Studies, School Boards, Board of Post-Graduate Studies and Board of Under-Graduate Studies and that the Ordinances on these Boards may be amended as follows:-

<u>Relevant Clause/ Ordinance</u>	<u>Existing provision</u>	<u>Provision when amended</u>
Clause 2(ii) of OA-6 on the BRS	Deans of Schools and Heads of the Departments concerned.	Deans of Schools and Heads of the Departments concern- ed including Heads of Campus Departments concern- ed, if any.
Clause 1(ii) of OA-7 on the SB	Heads of the Departments in the School.	Heads of the Department and Campus Departments in the School.

Contd/.../-

<u>Relevant Clause Ordinance</u>	<u>Existing provisions</u>	<u>Provisions when amended</u>
Clause 1 of OA-8 on the BPGS	The BPGS of each Department shall comprise:-	The BPGS of each Department shall comprise:-
	(i) The Head of the Department	(i) The Head of the Department
	(ii) All Professors of the Department	(ii) The Heads of Campus Deptts. if any.
	(iii) Two Readers and two Lecturers of the Department by rotation, on the basis of seniority.	(iii) All Professors of the Department.
	(iv) One teacher each from other departments within the School having common courses with the Department.	(iv) Two Readers and two Lecturers of the Deptt. by rotation, on the basis of seniority.
	(v) Not more than two teachers teaching allied or cognate subjects in other schools nominated by the Vice-Chancellor on the recommendations of the Department concerned; and	(v) One teacher each from other deptts. within the School having common courses with the Department.
	(vi) Not more than three persons nominated by the Board of the School who have specialised knowledge in the discipline of the concerned Department and who are not employees of the University or any of its affiliated or recognised Institutions.	(vi) Not more than two teachers teaching allied or cognate subjects in other schools nominated by the Vice-Chancellor on the recommendation of the Department concerned; and.
	Provided that ordinarily one person each should be from the North-East, the Eastern India and the rest of the country.	(vii) Not more than three persons nominated by the Board of the School who have specialised knowledge in the discipline of the concerned Department and who are not employees of the University or any of its affiliated or recognised Institutions. Provided that ordinarily one person each should be from the North-East, the Eastern India and the rest of the country.

<u>Relevant Clause/ Ordinance</u>	<u>Existing provisions</u>	<u>Provisions when amended</u>
Clause 2 or OA-9 on the BUGS	East Board shall comprise not less than nine members. The constitution of the Board shall be as follows:-	Each Board shall comprise not less than nine members. The constitution of the Board shall be as follows:-
	(i) The Head of the University Department teaching the subject (Chairman, Ex-Officio)	(i) The Head of the University Department teaching the subject (Chairman, Ex-Officio).
	(ii) Professors in the Department	(ii) Heads of Campus Deptt. if any.
	(iii) One Reader in the Department by rotation.	(iii) Professors in the Department.
	(iv) One Lecturer in the Deptt. by rotation.	(iv) One Reader in the Deptt. by rotation.
	(v) Five teachers from affiliated colleges engaged in teaching the subject concerned nominated by the School of Studies; and	(v) One Lecturer in the Deptt. by rotation.
	(vi) Two outside experts nominated by the Vice-Chancellor on the recommendation of the Head of the Department of whom one shall ordinarily be a person from the North-Eastern Region. Provided that where there is no teaching at the University Department for which the Board of Under-Graduate Studies is to be constituted, the constitution will be as follows;	(vi) Five teachers from affiliated colleges engaged in teaching the subject concerned nominated by the School of Studies; and (vii) Two outside experts nominated by the Vice-Chancellor on the recommendation of the Head of the Deptt. of whom one shall ordinarily be a person from the North-Eastern Region. Provided that where there is no teaching at the University Deptt. for which the Board of Under-Graduate Studies is to be constituted, the constitution will be as follows:

(i) Allied and Cognate subjects for the Board of
Post Graduate Studies in Linguistics :-

Under Clause 1 (iv) and (v) of Ordinance OA-8 on the Board of Post Graduate Studies, the composition of the Board of Post Graduate Studies includes one teacher each from other Departments having common courses within the school and two teachers from allied and cognate subjects. Such Departments/subjects are spelt out in Table 'A' and 'B' following Regulations 1 of Ordinance OA-8.

The Common/allied and cognate subjects in respect of the Department of Linguistics are yet to be included in the Tables. The following Department/Subjects has been approved by the School Board of Languages of the Department of Linguistics:

Common Courses within the
School (for inclusion in
table 'A')

1. English
2. Khasi

Allied/Cognate subjects in other
School (for inclusion in table 'B')

1. Anthropology
2. Education
3. Psychology
4. Sociology

The Common courses/allied and cognate subjects as stated above for the Department of Linguistics are submitted for consideration of the Council. If approved, the courses and subjects will accordingly be included in the two Tables of the Regulation OA-8/R-1. It may be mentioned that the Board of Post Graduate Studies has already been constituted taking the above department as allied/cognate subjects.

The matter is placed before the Council for consideration.

- (iii) Amendment of Clause-2 of Ordinance OE-5 on Scales of Pay of Teaching Staff-

Consequent upon the revision of pay Scales in accordance with the 4th Pay Commission accepted by this University, the provision Clause 2 of Ordinance OE-5 on scales of pay on teaching staff, is required to be amended.

The existing provision is as follows :-

2. The Scales of pay of the teaching staff specified in Column (i) of the table below shall be those specified against each in Column (ii):

Table.

<u>Post</u> (i)	<u>Scale of pay.</u> (ii)
(i) Professor	1500-60-1800-100-2000-125/2-2500.
(ii) Reader	1200-50-1300- 60-1900
(iii) Lecturer	700-40-1100-50-1600

The amended form is suggested as follows taking into account the Scales of pay laid down in the 4th pay Commission.

2. The Scales of pay of the teaching staff specified in column (i) of the table below shall be those specified against each in column (ii):

Table.

<u>Post</u> (i)	<u>Scale of pay.</u> (ii)
(i) Professor	4500-150-5700-200-7300
(ii) Reader	3700-125-4950-150-5700
(iii) Lecturer (Selection Grade)	3700-125-4950-150-5700
(iv) Lecturer (Senior Scale)	3000-100-3500-125-5000
(v) Lecturer	2200- 75-2300-100-4000

The matter is placed before the Council for consideration.

- (iv) Students representation in the Academic Council - a sub-committee of Clause (iii) of Statute 12.

The existing provision of Clause 1 (iii) of Statute Graduate Students representation in the Academic Council reads as follows:-

"Two Post Graduate students of the University - One from Science and one from Humanities and one Research Scholar to be selected on academic merit in the manner prescribed by an Ordinance

The procedure of selection on academic merit is laid down in Ordinance OP-5.

The Post Graduate Student Union however, did not agree to the manner of selection stated above and desired that the student representatives in the statutory bodies should be selected/nominated by the students Union. A committee was constituted in terms of the Executive Council decision to look into the then various demands of the Union. In the issue of students representation in the statutory bodies, the Committee suggested for taking up with the Ministry for amendment of the existing statutory provisions and the suggestion was approved by the Executive Council.

However, in Section 25 of the MPU Act it is provided that the Executive Council cannot amend any Statute affecting the status, powers and constitution of any authority unless that authority has been given an opportunity to express its opinion. Since the Union's demand amounts to change in the manner of selection of students representations in the Academic Council, the matter is submitted to the Academic Council for consideration and if the Council approves, the process of amendment of the existing statutory provisions will be initiated.

In this connection, the provisions of students representation in the Academic Council prevailing in other Central Universities have been called for. Five Universities have replied and their provisions are indicated at Annexure-III.

The matter is placed before the Council for consideration.

ANNEXURE-'A'Provisions of other Central Universities
on membership of Students' representatives
in the Academic Council.

<u>University</u>	<u>Provisions</u>
University of Hyderabad	2 students representative to be nominated by the Vice-Chancellor, one from among Research Scholar and the other from among Post Graduate students from the various schools/Departments on rotation basis.
Banaras Hindu University	No students representatives
Visva-Bharati	(a) 2 students to be co-opted by the Academic Council from amongst students who are proficient in studies, sports, extra-curricular activities and all round Development and from amongst those who have won prizes in the fields of studies, fine arts, sports, extension work etc. (b) 3 students to be nominated by the Vice-Chancellor on the basis of merit so as to provide re-presentation to any section of students, which in his opinion is unrepresented.
Aligarh Muslim University	(a) The Presidents Union (b) 2 Post Graduate, one Research Scholar and one Under Graduate student to be selected by the students from amongst themselves.
University of Delhi	Five students of the University of whom one shall be a Research student, two Post Graduate and two Under-Graduate students. (Criteria of selection/nomination not given)

(i)- Optional Course (M.A.Fourth Semesters) on
"Value & Culture" of the Deptt of Philosophy.

The Local School Board of Social Sciences in its meeting held on 10.10.91, considered and approved. The Syllabus for the optional Course (M.A. Fourth Semester) on "Value & Culture " for the Deptt of Philosophy. The syllabus as approved by the Board is placed at Annexure-A for consideration of the council.

M.A. SYLLABUS

VALUE AND CULTURE (OPTIONAL)

1. Value and Conduct.
2. Foundations of Culture and the Sciences of Man.
3. Absolute Values, Relativism and Cultural Progress .
4. Cultural Crisis - The Problem of Consumerism, Environment and Violence.

Suggested Readings:

1. G.E. Moore, Principal Ethica(Chs. 5 & 6), Cambridge 1903.
2. Paul Roubizek, Ethical Values in the Age of Science, Cambridge 1969; Ch. IX 'Values, their nature and application' Ch.X 'Relative and Absolute Values', Ch.XI 'Truth, Goodness and Love'.
3. Ernest Gellner, Relativism and the Social Sciences, Cambridge, 1985; Ch. 3 'Relativism and Universals', Ch. 4 'The Scientific Status of the Social Sciences', Ch. 5 'What is Structuralism ?'
4. James F. Dawns Cultures in Crisis, USA, 1971, Chs. 2, 3, 4, 5, and 10 and pp. 199-210.

Additional References:

1. L. Wittgenstein, Culture and Value, Oxford, 1989.
2. Hollis and Lukes (edited), Rationality and Relativism, Oxford 1982, pp. 21-47.
3. Sri. Aurobindo, The Foundations of Indian Culture, Pondicherry, 1988: pp. 121-138 and 172-195.
4. Ernest Gellner, The Concept of Kinship and Other Essays, Oxford, 1987.

- (ii) Course structure and contents of the
M.A IV Semester of the Department of
Psychology :

The Local School Board of Social Sciences in its meeting held on 10.10.91 considered and approved the course structure and contents for the M.A Fourth Semester in Psychology. The course structure and contents are placed at Annexure-'A' for consideration of the Council.

ANNEXURE-'A'MODIFICATION IN THE EXISTING M.A (PSYCHOLOGY) FOURTH SEMESTER
COURSE STRUCTURE AND CONTENTS.

The existing fourth semester teaching courses, detailed below, are divided into two specialised branches,

GROUP AGROUP B

Course-401 : Educational Psychology	Clinical Psychology - 1 Clinical Psychology - 11
Course-402 : Psychology of Dis advantaged children	Research Project
Course-403 : Research Project	PRACTICALS.
Course-404 : PRACTICALS.	

The proposal of introducing one theory paper, in lieu of the compulsory Research Project (Course-403), in both the specialized groups of A and B was considered on the grounds that of (i) the lack of option to the students to select between the major areas of specialization, (ii) the lack of requisite faculty strength to cope with the requirements; and, (iii) the operational and academic problems of the department.

In view of the above, the BPGS approved of the following minor adjustment in the existing fourth semesters course structure and contents of the curriculum.

(a) The Board resolved to recommend that a student securing more than 55 % marks in their First, Second and Third semester Examinations (Preferably first class), and desirous for higher studies (M.Phil/ Ph.D) be permitted to undertake Research Project in lieu of one of the theory papers of the specialized groups of the fourth semester courses.

(b) The Board resolved to recommend that Ecological crosscultural Psychology (for Group A) and Neuropsychology (for Group B) be introduced to provide option to the students for either opting Research Project in lieu of one of the theory papers of the respective specialized groups of the four courses (three theory and one PRACTICALS). The approved modification in course structure is given below :-

5:2:2:(3)

-/ 2 /-

GROUP A

GROUP B

- Course-401 : Educational Psychology Clinical Psychology - I
Course-402 : Psychology of Disadvant- Clinical Psychology - II
 aged children.
Course-403 : Research Project Ecolo- Research Project/Neuro
 gical and Cross-Cultural Psychology.
 Psychology.
Course-404 : PRACTICALS PRACTICALS.

The course contents for Ecological and crosscultural Psychology and Neuropsychology are respectively given in appendices A and B.

(c) In order to have uniform distribution of theory based experiments in the specialized groups. The Board resolved to recommend three other (additional) experiments (in place of the three experiments in the curriculum) .This way the students are required to complete ten experiments in the semester as for the other three PRACTICAL courses in the curriculum.

Inthe light of the above, I am placing before the school Board of Social Sciences for consideration and approval at the earliest so that the same may be implement from the current academic session and onwards.

APPENDIX - A

COURSE-403 ECOLOGICAL AND CROSS CULTURAL PSYCHOLOGY

Ecological Psychology,

Brunswik's contribution to ecological Psychology
Roger Baker and behaviour setting.

Kurt Lewin and topological psychology

Human ecology and cognitive functions

Behaviour-ecology adaptation

Ecology of Human development.

Method and theories in Cross Cultural Psychology.

General Behaviour theories and cross-cultural formulations Early
Theories : Culture and personality, Achievement Motivation and
Psychoneurotic theories.

Piaget in cross-cultural perspective

Michal cole and experimental anthropology

Psychological differentiation : Early work and current formulations.

Cognition in cross.cultural content.

Perception : Perception of form, colour and Motion, pictorial perception
and Illusions.

Cognition : Studies of intellectual functioning, Memory, and imagery.

Thought processes : Classification behaviour and problem solving.

Testing and assessment across cultures : Issues in the comparative
study of cognitive abilities. Current and relevant research
approaches.

Books

1. Brunswik, E (1956). Perception and Representative design of
Psychological experiments. University of California Press.
2. Barker, R. (1969). Ecological Psychology, Standford : Standford
University, Press.
3. Lewin, E.(1969). Principles of topological Psychology:
New York : Mc Graw Hill.
4. Berry. J.W. (1976). Human ecology and cognitive style :
New York : Wiley.

5. Ecological perspective, environment and behaviour :
P.M.Sahoo, R.S.Pirta and P.K.Mishra (impress),
New Delhi : Akshat Publication.
6. Bronfenbrenner, U.(1979). Ecology of human development.
7. Lonner, W.S. & Berry, J.W.(1987) . Methods in cross-cultural research. New York : Academic Press.
8. Poortinga, Y.H. (1979). Basic problems in cross-cultural psychology. Amsterdam: Swets and Zeitlinger.
9. Triandis H.C. & J.W.Berry (1981). Handbook of crosscultural psychology, (vol.1&2) Boston Allyn & Bacon.
10. Berry, J.W. & P.Dasen (1974. Cultural and Cognition.
London : Methuen.
11. Cole, M.Gay, K Glick, J.&Shapiro, J. (1971). The cultural context of learning and thinking. London : Methuen.
12. Dasen.P.P. (1977). Piagetian Psychology : Cross cultural contribution. New York Garden Press.
13. Prvine, S.R. & J.W.Berry (1983). Human & Assessment and cultural factors. New York : Plenum.
14. Triandis, H.C. & W.J. Lenger (1981). Handbook of cross cultural psychology (Vol. 3 & 4) Boston : Allyn & Bacon.
15. Warren, N (1981). Studies in cross-cultural psychology.
New York : Academic Press.
16. Winkin H.A. & D.R. Gendrongh (1981). Cognitive & styles : Essence and origin. New York : International press.

Appendix - B

COURSE : 403 : NEUROPSYCHOLOGY

The Cerebral Cortex

1. The Frontal Lobes and their functions : Attention, Psychomotor functions, Regulation of Voluntary Motor Behaviour, and expressive speech.
2. The Temporal lobes and their functions : Learning and memory functions, Visual Integration, Emotion and speech.
3. The parietal lobes and their functions : Sensory functions, perception of spatial Relationship, and visual Memory.
4. The Occipital Lobes and their Functions : Vision, Memory.

Sensory and Motor System.

1. The Auditory System and Pathways
2. The Visual System and Pathways
3. The somatosensory system and pathways
4. The Pyramidal and Extrapyramidal System.

Lateralization of Cerebral Functions.

1. Handedness and Cerebral Dominance
2. Structural theories of Lateralization
3. Dynamic Function theory (subcortical activation) of Lateralization.
4. Split Brain Studies.

Books.

1. Beaumont, J.C. Introduction to Neuropsychology, Blackwell Scientific Publications, Oxford, Great Britain, 1983.
2. Vivken, P.J? and Bruyn G.W. (Eds.) (1978). Localization in Neurology : Handbook of clinical neurology.Vol.2 Elsevier North Holland, Biomedical Press. Netherlands.
3. Stuss D.T. and Benson D.F. The Frontal Lobes.Raven Press U.S.A. 1986.

4. Walsh, E.W. (1978). *Neuropsychology : A Clinical approach*.
Edinburgh, England.
5. Kertesz, A. (Ed) (1983). *Localization in Neuropsychology*
Academic Press, New York.
6. Golden, C.J.(1981). *Diagnosis and Rehabilitation in clinical
Neuropsychology*. 2 nd Edition, Charles C. Thomas Publishers, U.S.A.
7. Dimond, S.J.(1980). *Neuropsychology .A textbook of symptoms and
Psychological Functions of Human Brain*. Butterworths, England.
8. Rosewig, M.R. & Leiman, A.L. (1982). *Physiological
Psychology*, Health and C.
9. Newman P.P. *Nurophusiolog*, Spectrum Publications,
New York. 1980.
10. Crossnan, S.P. (1967) *A Textbook of Physiological Psychology*,
Willey, New York.
11. Leukel F. (1978). *Essentials of Physiological Psychology*.
C.V. Mosby Co.U.S.A.
12. Thompson, R.F. (1975). *Introduction of Physiological Psychology*.
Harper and Row Publishers, U.S.A.
13. Fliskov, S.B. & Boll, T.T. (Eds)(1981). *Handbeck of clinical
Neuropsychology*. Wiley Interscience publication, U.S.A.
14. Gazzaniga, M.S. & Le Douz, J.E.(1978). *The Integrated Mind*,
Plenu, Press, New York, U.S.A.
15. Bryden, M.P. (1982). *Laterlity : Functional Asymmetry in the
Intact Brain*, Academic Press, New York.
16. Herrin, H.(Ed) (1985). *Neuropsychology Left Handedness*,
Academic Press, New York.
17. Gazzaniga, M.S. (1970). *The Bisected Brain*. Appleton-
Century-Grafts, New York.

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5:2:3(h)

(iii) Revision of the M.Sc syllabus in Zoology.

The School Board of Life Sciences in its meeting held on 6th, June '1991 considered and approved. The revised syllabus for the following papers in M.Sc (Zoology):

1. Cell Biology & Immunology(Spl-paper I & II)
2. Fish Biology.

The revised syllabus is placed at Annexure-A for consideration of the Council.

Special Paper

Cell Biology and Immunology

Paper - I (theory)

- Unit - I Historical development of cell and molecular biology; Cell membrane - characterization, chemical composition - lipid bilayer, proteins and carbohydrates; membrane asymmetry and fluidity; cell surface coat.
- Unit - II Cell surface antigens and receptors; cell surface changes in malignant cells; intercellular junctions - adhering, impermeable and communicating; Extra cellular matrix and cell adhesion - collagen, elastin, proteoglycans and glyco proteins.
- Unit - III Cytoskeleton - components, structure, organization and functions; Cytoskeletal changes in malignant cells; Role of cell membrane/surface in development; Oncogenes and cellular transformation.
- Unit - IV Cell secretion - secretory pathway; membrane regulation; Membrane systems of cell organelles (mitochondria, Golgi complex, endoplasmic reticulum, lysosome, nuclear envelope Endocytosis.
- Unit - V Membrane transport of small molecules, (Na^+, K^+ -ATPase), Macromolecules and particles; Ionophores; Various transporting systems across mitochondrial membranes.

Special Paper - I Practicals.

1. Sterilization of glass wares and preparation of buffer/culture media.
2. Preparation of single cell suspensions checking of cell viability and counting of cells under hemocytometer.
- 3-4. Cell agglutination studies using lectins/seed extracts.
- 5-6. Estimation of free and total sialic/seed extracts.
- 7-9- Electrophoretic separation and staining of glycoproteins.
10. Separation of blood leucocytes using gelatin/film.
11. Peroxidase reaction by blood cells film on a slide.
12. Demonstration of fluorescence labelling of cell surface lectin binding sites.
- 13-14. Microphotography, developing and printing of the film.

Suggested Readings -

1. Alberts, E., Bray, D., Lewis, J., Raff, M., Roberts, K. and Watson, J.D. (1983) Molecular Biology of the cell, Garland Publishing, New York and London.
2. DeRobertis, E.D.P. and DeRobertis, E.M.F. ? (1987), Cell and Molecular Biology, 8th Edition, Lea and Febiger, Philadelphia.
3. Thorpe, N.O. (1984) . Cell Biology, John Wiley and Sons.
4. Hynes, R.O. (Ed), Surfaces of Normal and malignant cells, John Wiley and Sons.
5. Darnell, J., Lodish, H., Baltimore, D. (1986), Molecular Cell Biology, Scientific American Books.
6. Jain, M.K. ? (1988), Introduction to biological membranes, 2nd Edition, John Wiley and Sons.
7. Clarkson, T.W., Sagar, F.R., Syverson, T.L.M. (Eds) (1986), the cytoskeleton , Plenum Press.
8. Rao, K.V. (1987) Role of cell surface in development Vol I and II CRC Press.

Paper - II (theory) (Cell Biology and Immunology)

- Unit - I Brief history and scope of Immunology ; Innate and adaptive immunity- components and characteristic features ; Tissues and cells of immune system; Cell mediated immunity Types and functions of T cells, macrophages.; Immunoglobulins - Detailed structure, classification and functions.
- Unit -II Ig-genes- K and heavy chain genes, rearrangement and VDJ joining. Antigens-nature, epitopes, antigenicity, haptens and carrier, adjuvants; Primary and Secondary immune response ; Antigen-antibody reaction - affinity, avidity and specificity.
- Unit -III Antigen presentation and cellular cooperation : Major Histocompatibility Complex - M2 and HLA system, structure and functions, MHC genes ; Genetic control of immunity ; Complement system - classical and alternate pathways , biological functions.
- Unit-IV Immunity to infectious agents - viruses, bacteria, parasites , tumors.; Interferons - types, structure and mechanism of action ; Lymphokines - interleukins.
- Unit-V Monoclonal antibodies and hybridoma technology ; Regulation of immune response ; Autoimmune diseases - Hashimoto's thyroiditis . Myasthenia gravis ; Immediate hypersensitivity reaction - IgE . Mast cells, Mechanism of reaction.

Special Paper -II Practicals.

- 1-3. Survey and dissection of lymphoid organs of mice. Histological preparation and study of each tissue.
- 4-6. Raising antisera in rabbit.
- 7-9. Immunodiffusion studies - single, double and radial, staining and drying of the gel.
10. Immunoelectrophoresis.
11. Collection and counting of peritoneal exudate cells from mice treated with or without thioglycolate.
12. Preparation of blood smear, staining and identification of cells of immune responses.
- 13-14. Capillary migration inhibition studies.
- 15-17. Polyacrylamide gel electrophoresis of serum from normal and pathological hosts.

5:2:3(5)

REVISION OF SYLLABUS

Z-403 Fish Biology (Theory)

Z-404 Fish Biology (Practical)

Justification:

The existing syllabus for the above mentioned papers include areas already dealt with in the undergraduate classes as part of vertebrate anatomy and fishery papers. These are fundamental and descriptive in nature. Examples of these are several topics in Unit 1 of the existing syllabus such as the study of fish skin, colouration, scales, skeleton and . The inclusion of classification as a separate topic is cumbersome. As a result of such inclusions the course content of this paper is an unwieldy mixture of basic and specialised subjects making it difficult to devote adequate time to focus on aspects that are essential for, and lead to, research in fish biology both on problems of academic interest as well as fishery development and management. It is therefore suggested that the syllabus for this course be suitably revised by incorporating the basics as part of the study of functional morphology of fish.

The revision submitted here is largely a recasting of the existing syllabus in order to modernise it by shifting the emphasis to the relationship of form and function of fish in response to its habits and habitat. Three units will be devoted to this. The last two units highlight the principles and problems of fishery management. The classification of fishes, particularly fresh water fishes, will be dealt with through the use of keys for identification as part of fishery biology, specifically culture fisheries in India.

The practical exercises are also accordingly revised. These will now include studies on functional morphology of teleosts and basic exercised in fishery biology.

As in the existing syllabus, the revised version will also be confined to the study of teleost fishes.

Revised Syllabus.

Z-403 Fish Biology (theory)

- Unit - 1 Diversity of fish form in relation to life habits and habitats- Associations- Basic principles of movement in water, the role of muscles and fins in fast and sustained swimming, acceleration, hovering and manoeuvring-Buoyancy.
- Unit - 2~~2~~ Organisation of mouth and body form in relation to food and feeding habits- Respiration in water, and in air, energy costs of respiration in relation to activity and ambient oxygen - Energy budgetting and natural selection .
- Unit - 3 Blood and circulation -excretion and osmoregulation - impact of water pollution on fish- basic fish pathology.
- Unit - 4 Reproductive cycles and spawning characteristics - migration - fundamentals of fish genetics and hybridization.
- Unit - 5 A brief survey of capture and culture fisheries with special reference to fish culture practices in India- Basic principles of fishery management.

Z- 404 Fish Biology (Practical)

1. Diversity of fish forms in relation to life habits and habitats representative drawings with brief comments.
2. Comparative study of musculature and fins in relation to swimming movements - observing braking, turning, hovering in live fish.
3. Study of mouth shape, size, position and protrusion - teeth and gillrakers in relation to food and feeding habits.
4. Study of gills and rate of respiration in relation to activity and ambient oxygen-accessory respiratory organs.
5. Energy budgetting in relation to diet.
6. Study of circulatory system - composition of blood-estimation of ammonia excretion - tolerance of fresh water fishes to salinity levels. Examination of fish in polluted waters.

7. Morphometry and length - weight relationship - use of taxonomic for identification of fish.
8. Estimates of age using scale and otolith preparations-gonadosomatic index and fecundity.
9. Breeding of aquarium fishes- Induced breeding of carps.

References :

- Norman, J.R. 1975 A History of fishes
 Marshall, N.B. 1965 The life of fishes
 Lagler, K.F. 1962 Ichthyology
 J.E. Bardoch &
 R.R. Miller
 Mikolsky, G.V. 1963 The ecology of fishes
 Poznanin, L.P. 1958 Ichthyology
 (Ed.)
 Reay, P.J. 1980 Aquaculture
 Jayaram, K.C. 1981 The fresh water fishes of India, Pakistan
 Bangladesh, Burma and Sri Lanka- Handbook.
 Bal, P.V. & 1984 Marine fisheries
 K.V. Rao
 Chaudhuri, H. & 1984 Induced breeding of carps
 S.B. Singh
 Langer, R.P. 1952 Freshwater fishery Biology
- Continue
- Sugunan, V.V. & 1990 Technologies for inland fisheries development.
 Bhaumik, U.
 Webb, P.W. & 1983 Fish biomechanics
 Weihs, D.
 Love, R.M. 1970 The chemical biology of fishes.
 Harden Jones, F.R. 1968 Fish migration.
 Alexander, R.N. 1970 Functional design of fishes
 _____ 1975 The Chordates.
 J.D. Mc Cleave. 1982 Mechanisms of migration in fishes.
 G.P. Arnold,
 J.J. Dodson &
 W.H. Heill

5:2:3(8)

Suggested Readings-

1. Roitt, I. Brostoff, J., Male, D. (1985) Immunology, Cower Medical Publishing, London.
2. Roitt, I. (1984) Essential Immunology, 5th Edition, Blackwell Scientific Publications.
3. Cooper, E. L. (1982) General Immunology, Pergamon Press.
4. Zaleski, M. B. et al (1983) Immunogenetics, Pitman Publishing Inc.
5. Stites, D. P. et al (1982) Basic and Clinical Immunology, Lange Medical Publications.
6. Hudson, L. and Hay, F. C. (1980) Practical Immunology, Blackwell scientific publications.
7. Talwar, G. P. (1983) A handbook of practical immunology, Vikas Publishing House Pvt. Ltd.

5:2:4:(1)

- iv) Courses offered at the Department of History and Archaeology, Kohima.

The Department of History and Archaeology had been following the courses which are being offered in the P.G. programme of the Department of History, Shillong. On the recommendation of the Department of History, Shillong the School Board of Social Sciences in its local meeting held on 10.10.91 decided to refer to the Academic Council the following:

1. in designating the case Course No.204(Introduction to Archaeology) as a compulsory course in the First Semester for the Kohima Campus for the current First Semester; or
2. in permitting the above case Course No.204 for the First Semester for the Kohima Campus and in causing the Department of History and Archaeology Kohima Campus to offer one of the Compulsory Course in the Third Semester.

The

The matter is placed before the Council for consideration.

5:5 - Examination Matters :

- (i) Permission to re-appear in the same subject after obtaining Masters' Degree, for improvement

Recently the department of Education Nagaland Campus, Kohima has admitted one student in M.A. Education Course who had passed M.A in Education with II division securing 49% from Guwahati University. He wants to do M.A Education again from this University for improvement.

The Ordinance does not mention anything about such cases. Hence the case is submitted to the Academic Council for a decision.

(ii) Recommendations of the Pre-University Board.

In its meeting held on 13.9.91, the Pre-University Board made the following recommendations for consideration and approval by the Academic Council :

1. Raising of the marks in objective questions upto 50% of the total.

The proposal has been approved with the following stipulations :

- a) 20% entirely objective embodying yes/No, True/False etc.
- b) 30 % with answers of 2/3 sentences

The change over is to be made effective from next session of examination (1993) after due circulation.

2. Open out a second opportunity to Pre-University pass candidates to improve upon their performance at the first chance.

The proposal to extend the provision to allow Pre-University pass candidates to repeat the P.U. Examination with a view to improving their performance at the first chance has been approved from the next academic session. The same procedure as in the case of the Degree students will be extended to the Pre-University candidates.

3. Modification in the Pre-University Commerce examination as recommended by the BUGS (Commerce) in its meeting held on 21.8.91.

The grouping of papers for Pre-University Commerce will be as under :-

- I. (i) Economics - Paper I
(ii) Economic - Paper II
- II. (i) Book Keeping
(ii) Business Method
- III. (i) Commercial Arithmetic
(ii) Commercial Geography
- IV Optionals
 - A (i) Secretarial practice
(ii) Shorthand and Type-Writing/Salesmanship and Publicity
 - B. (i) Insurance
(ii) Commercial Mathematics.

The minimum pass marks recommended by the Board (BUGS) has been considered and it has been decided that the percentage of the marks to be obtained in each paper should be 20% and not 25% as proposed.

4. Conversion of the fourth subject to third subject in cases of candidates failing in one of the compulsory combination subjects.

The proposal has been approved.

The above recommendations are placed before the Council for consideration.

- (iii) Rationalisation of subject combinations at P.U.level.

In its meeting held on 13.9.91, the Pre- University Board approved in principal proposal to prescribe certain groups of subject combinations for the Pre-University students to choose from at the time of admission. The Board also authorised a sub-Committee consisting Principals and Teachers teaching the subjects, to proposal granting of/rationalisation of subject combinations.

The sub-committee met on 14.12.91 and recommended the following pattern of rationalisation for consideration and approval of the Council :

Pre-University Arts:

1. The Compulsory papers :

- English - 2 papers, and MIL/Alternative
English - 1 paper

2. A student can offer any three subjects from any one of the following core groups of subjects combination as Elective papers :-

- a) History, Pol.Science, Education and Home Science (for girls candidate only
OR
b) History, Pol.Science, Economics, IInd Language
OR
c) History, Education, Economics, IInd Language
OR
d) Economics, Geography, Mathematics, Logic.

A student can offer any one of the following subjects as the fourth subject :-

- a) Mathematics, Logic, Economic, Geography, Anthropology, Classis, IInd Language, Education, History, Statistics, Political Science and Home Science (for girls candidate only)

This will help to bring down the number of examination sessions from 29 to 23.

Pre-University Science :

A student can offer any one of the combination as elective from the groups mentioned below :-

5:5:3:(2)

a) Mathematics, Physics, Chemistry

OR

b) Physics, Chemistry, Biology

OR

c) Mathematics, Physics, Statistics

OR

d) Geography, Geology, Chemistry

However, a student can offer any one of the following subjects as Fourth Subject :-

- 1) Mathematics, 2) Biology 3) Geography
- 4) Geology 5) Advance Mathematics 6) Physics
- 7) Anthropology and 8) Home Science (for girls candidate only).

This will help to bring down the number of examination sessions from 27 to 21.

Pre-University Commerce :-

On the recommendation of the BUGS (Commerce), the Pre-University Board of Education decided to offer the following subjects to a Pre-University Commerce candidate :-

1. Compulsory subject - English-two papers and MIL/
Alternative English.

- Group (A) i) Economics- paper I
ii) Economics- paper II

- Group (B) (a) i) Book-Keeping (ii) Business Method
(b) i) Commercial Arithmetic
ii) Commercial Geog.

However, a student can offer either Group (A) or Group (B) as Fourth Subject :-

Group (C) -

- (a) (i) Secretarial Practice (ii) Shorthand and Typewriting
Salesmanship and Publicity.
- (b) (i) Insurance (ii) Commercial Mathematics

To pass a group of subjects except in Economics, English and MIL, a student should secure a minimum of 20 percent marks in each constituent of a group and 30 per cent marks in combination. This will require a minimum of 13 sessions of examination.

Vocational Stream of Pre-University (Arts),
Pre-University (Science) and Pre-University (Commerce)

Elective subjects :-

A candidate who wishes to pursue a Vocational stream of study may offer two subjects from a particular group of Arts or Science or Commerce courses and one of the following subjects :-

- a) Horticulture
- b) Forestry
- c) Animal Production with specialisation in Poultry
- d) Piggery
- e) Meat Cattle Production
- f) Fisheries
- g) Agriculture
- h) Motor Mechanics
- i) Electrical Technology and Practice
- j) Printing Technology
- k) Secretarial Practice
- l) Sericulture
- m) Electronics

Fourth Subjects :

A candidate will be allowed to offer as a fourth subject from any one of the remaining elective subjects from the group from where the candidate has chosen the other two elective subjects.

A student choosing electives from Commerce stream can offer as a fourth subject either (a) or (b) of Group C. A student opting k) Secretarial Practice of the Vocational stream can choose only (b) under group C as fourth subject.

The rationalisation of subject combinations proposed above, is placed before the Council for consideration.

- (iv) Proposal for enhancement of rates of examination fees and other fees

The various fees being charged by the Examination Department today were fixed from the inception of the University. Today a number of compelling reasons as listed below persuade the University to revise its fee rates.

(a) The price of papers and other items have meanwhile increased manifold.

(b) The remuneration rates for the examiners have been revised.

(c) There is a demand for improving the quality of the answerscripts, marksheets etc.

(d) The Finance Committee of the University has been suggesting that atleast the Examination Department of the University should be self-sufficient in respect of its fund.

In view of the above compelling circumstances it is proposed to raise certain categories of fees as shown in Appendix-'A' with immediate effect.

The proposal is, therefore, submitted for the kind consideration of the Academic Council.

APPENDIX 'A'

STATEMENT SHOWING THE OLD RATES AND THE PROPOSED ENHANCED RATES IN RESPECT OF CERTAIN ITEMS

Sl. No.	Items	Present Rates	Proposed Enhanced Rates	Rates of Gauhati Univ.	Rates of Dibrugarh Univ	Remarks if any
1.	P U.Examination Fee	Rs.50.00	Rs.75.00	Rs.60.00 Arts	Rs.75.00 Science	Not known
2.	Examination Fee for P.U.certain subjects	Rs.50.00	Rs.15.00 per subject	Full Fee	Full Fee	
3.	Examination Fee for Degree (Pass)	Rs.75.00	Rs.100.00	Rs.90.00	Rs.100.00	
4.	Examination Fee for certain subjects in Degree	Rs.75.00	Rs.20.00 per subject	Full Fee	Full Fee	(1)
5.	Non-Collegiate Fee	Rs.25.00	Rs.50.00	Rs.50.00	Rs.50.00	Rates of remuneration in Gauhati Univ. are much lower than that of this University
6.	Practical Examination Fee	Rs. 5.00	Rs.15.00	Rs.30.00	Rs.30.00	
7.	Honours Examination Fee	Rs.60.00	Rs.85.00	Rs.110.00	Rs.130.00	
8.	Marksheet Fee for all category of student	Rs. 4.00	Rs.10.00	Rs.10.00	Rs.10.00	
9.	Duplicate Marksheet Fee	Rs. 4.00	Rs.15.00	Rs.15.00	Rs.30.00	(2)
10.	Rank Certificate Fee	Rs. 5.00	Rs.20.00	Rs.10.00	Not known	Rates of remuneration for Dibrugarh Univ. are not known.
11.	Provisional Certificate Fee	Rs. 5.00	Rs.10.00	Rs.20.00	Rs.15.00	
12.	Permission Fee for Private candidate	Rs.25.00	Rs.50.00	Rs.90.00/Degree	Rs.25.00/P.U.	
13.	Certificate Fee for all category of students	Rs.25.00	Rs.35.00	Rs.35.00	Rs.25.00	Contd...2/-
14.	Migration Fee	Rs.25.00	Rs.50.00	Rs.50.00	Rs.40.00	

<u>Sl. No.</u>	<u>Items</u>	<u>Present Rates</u>	<u>Proposed Enhanced Rates</u>	<u>Rates of Gauhati Univ.</u>	<u>Rates of Dibrugarh Univ.</u>	<u>Remarks if any</u>
15.	Admit Card Fee	Rs. 2.00	Rs. 5.00	Rs. 15.00	Not known	
16.	Registration Fee	Rs. 10.00	Rs. 20.00	Rs. 30.00	Rs. 40.00	
17.	Duplicate Registration Fee	Rs. 10.00	Rs. 25.00	Rs. 30.00	Rs. 30.00	
18.	Duplicate Certificate Fee	Rs. 25.00	Rs. 100.00	Rs. 100.00	Not known	
19.	Change of Centre Fee	Rs. 10.00	Rs. 25.00	Rs. 30.00	Rs. 50.00	
20.	Enrolment Fee	Rs. 1.00	Rs. 5.00	Not known	Not known	
21.	Condonation of migration Fee	Rs. 25.00	Rs. 50.00	Not known	Not known	
22.	Late fine for submission Form	Rs. 10.00	Rs. 20.00	Rs. 15.00	Rs. 20.00	
23.	Change of name and title etc.	NIL	Rs. 100.00	Rs. 50.00	Rs. 100.00	
24.	Convocation Fee (In person)	Rs. 20.00	Rs. 35.00	Rs. 30.00	Not known	
25.	Convocation Fee (In absentia)	Rs. 25.00	Rs. 40.00			
26.	Ph.D Examination Fee	Rs. 300.00	Rs. 1000.00	Rs. 1000.00	Rs. 500.00	
27.	M.Phil Examination Fee	Rs. 250.00	Rs. 500.00	Rs. 500.00	Rs. 300.00	
28.	B.Ed. Examination Fee	Rs. 75.00	Rs. 100.00	Rs. 120.00	Rs. 100.00	
29.	LL.B. Examination Fee	Rs. 64.00	Rs. 85.00	Rs. 85, Rs. 95, Rs. 100.00	Rs. 100.00	
30.	Centre Fee	Rs. 5.00	Rs. 25.00	Rs. 30.00	Rs. 20.00	
31.	Re-Evaluation Fee per paper	Rs. 30.00	Rs. 60.00	Not known	Not known	
32.	Re-Scrutiny Fee per paper	Rs. 15.00	Rs. 30.00	Rs. 30.00	Rs. 40.00	

5:6:1:(1)

5:6 - Establishment of new Departments/Centres/Courses

- (i) Proposal for introducing M.Phil course in Education in Nagaland Campus.

The Department of Education, Nagaland Campus has proposed introduction of M.Phil programme. The proposal is placed at Annexure-'A' for consideration of the Council.

The proposal was duly recommended by the School Board of Education in its meeting held on 19.6.91. since the number of teachers required as per Ordinance is already available on the Campus Department.

The matter is placed before the Council for consideration.

ANNEXURE-'A'PROPOSAL FOR INTRODUCING M.PHIL COURSE AT NORTH-EASTERN HILL
UNIVERSITY NAGALAND CAMPUS, KOHIMA

The Department of Education at North-Eastern Hill University Nagaland Campus, was established in 1978 and thus has completed 12 years of working. Since then number of student have completed their M.A in Education course from this campus as it evident from the enrollment position given below :-

ENROLMENT POSITION

Year	Male	Female	Total
1978	5	10	15
1979	4	9	13
1980	9	12	21
1981	12	13	25
1982	15	11	26
1983	14	12	26
1984	-	-	-
1985	-	-	-
1986	1	2	3
1987	7	1	8
1988	2	5	7
1989	8	1	9
1990	5	9	14

Total = 167

Every year these students who have passed out from here, have been expressing their wish to start M.Phil in Education in Kohima Campus so that they can continue their higher studies at Kohima itself. The faculty members are also of the opinion that the department can make the beginning to start the course, if an opportunity is given.

FACULTY POSITION:-

The following is the faculty position in the department.

1. Dr. P.K. Gupta - Reader & Head
2. Dr. K.K. Sharma - Professor
3. Dr. S.K. Gupta - Reader

Contd/.../-

5:6:1:(3)

4. Dr. R.P. Shukla - Lecturer
5. Mr. Intisungba - Lecturer

(on leave vacancy)

These department has one professor, two reader and two lecturer. Out of the five teachers four posses doctorate degree and one lecturer is registered for his Ph.D. under North-Eastern Hill University.

The department has already proposed the following additional teaching staff in the VIIIth plan.

- | | |
|-----------|----------|
| Professor | - 1(one) |
| Reader | - 1(one) |

In addition to the above, the department has got a sepearte building with adequate space including a seminar building department also has an Educational Laboratory with necessary test, equipments and apparatus for practical work. Presently, the Laboratory is housed in the seminar room.

It is in this background, the department feels that it is in a position to run M.Phil course at Kohima Campus. However, in the time to come, some more facilities and manpower will be required which has already been projected in the VIIIth plan.

In view of the above, it is requested kindly to consider the positbility of introducing M.Phil. (Education) course at Kohima Campus from the next academic Session.

Sd/- P.K. Gupta
Reader & Head,
Department of Education.

AGENDA NOTE FOR THE ACADEMIC COUNCIL MEETING TO BE HELD ON 3RD MARCH, 1992

Sub: Launching of the Post Graduate 2 years Degree Course on Master of Tourism Administration.

In January, 1990 the Ministry of Tourism proposed to introduce as a Pilot Project in certain selected universities, the Post Graduate Diploma Course in Guiding & Tourism, with specialisation in one Foreign Language. As one of the universities included in this category, the Director of All India Tourism and Travel Management, New Delhi conveyed the Ministry decision to this University with a request for submission of a specific proposal for assistance and financial support keeping in view the possibilities of launching such a programme in accordance with the syllabus prescribed by the Directorate.

The Committee consisting of 7 members with PVC as the Chairman was constituted on 7th February, 1990 for this purpose. The first meeting was convened on 17th March, 1990 at 2 p.m. However, as there was no quorum only an informal discussion was held among the 3 members consisting of Prof R.G. Michael, Dr (Mrs) M.S. Padma & Dr (Mrs) B. Lyndem. It appears from the record that due to faculty constraint and lack of financial support the course could not be started even though a detailed proposal was sent to the Director, Indian Institute of Tourism & Travel Management, New Delhi.

The matter was referred to the Director, Indian Institute of Tourism & Travel Management, New Delhi but no sanction was forthcoming either from the Ministry or the Director, Indian Institute of Tourism & Travel Management, New Delhi, in the meantime, during his recent tour to Delhi, V.C. again discussed the matter with the Director, Indian Institute of Tourism & Travel Management, New Delhi and subsequently a revised proposal for starting a Post Graduate two year Degree Course on Master of Tourism Administration was submitted to the Minister of Civil Aviation, New Delhi along with a request for financial assistance to the tune of Rs 7 lakhs Annexures 'A' & 'B'. On receipt of the sanction, the University proposes to start this course in the line of admission, evaluation schedule and course structure prepared by the Indian Institute of Tourism & Travel Management, New Delhi vide Annexures 'C' & 'D'. A separate committee has also been constituted with eight members under the Chairmanship of Dr M.S. Sangma, Prof History department, NEHU, Shillong to organise the launching of the programme and orientation of the syllabus accordingly so as to suit the need of the North Eastern Region.

The matter is placed before the Academic Council for consideration and approval.

Annexure -A-POST GRADUATE TWO YEAR DEGREE COURSE ON MASTER OF
TOURISM ADMINISTRATION (M.T.A.)

A PROPOSAL : (Revised)

1. PREAMBLE :

India's Tourism has reached significant point where the need for human resource development requires immediate attention, if we are keen to see expected results come true in the decades to follow. The National Committee on Tourism in 1988 while reviewing the functioning of tourism sector in our country and projecting its future dimensions and role has emphasised the issues of man-power planning and development for the various components of tourism industry. It has demarcated a special role for the institutions of higher learning. The North Eastern Region of India with its Man Nature specific characteristics is the future region of tourism promotion and growth. This region is being recently declared an open area for international tourism by the Government of India and it is expected that within few years the North East is going to witness unprecedented growth of tourism activities. From the man power point of view, this region is extremely weak and requires urgent steps for training the youths of the region. North Eastern Hill University has specific role to play in giving knowledge and training to the youth of the region and thereby creating self employment and engender employment generation in the tourism sector of the region. The University aims to provide this much desired training in this field.

Indian Institute of Tourism and Travel Management (IITTM) as the apex body is playing role of a catalyst by initiating its various programmes of manpower development in tourism, not only in Delhi but at several other places. It has developed course structure for Master's Programme in Tourism and some Diploma programmes like Management Development Programmes (MDP) with six courses. The Master's programme is essentially based heavily on the conceptual framework of business management with its specific orientation on tourism and travel. The Ministry of Tourism, Government of India with its close liason with the tourism industry has given full recognition to these programmes for employment. North Eastern Hill University has taken the guide-lines to frame its courses while keeping in mind the specific requirements of the region. It has a modest programme to start with and therefore, seek the support of the Ministry of Tourism in this respect.

II. Tourism potential

The North Eastern Region of India, consisting of the seven states of Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland and Tripura accounts for 7.7. percent of the geographical area of the country. The region is unique in the whole country in respect of its moderate climate, evergreen vegetation, abundant forest wealth, rich and varied wildlife in the Natural park and sanctuaries and holding largest segment of Indian Himalayas and of course, the diverse ethnicity and cultural practices. The region had remained for long beyond the pale of development, infrastructural constraints, communication and transport being the major bottlenecks. However,, gradually these constraints are being eased out due to opening up of broadgauge rail head to Guwahati, the largest city and main transshipment point for the North East. Similarly, all the major towns/cities of the region are now connected by air, either by Indian Airlines or Vayudopt.

There has been a considerable interest from within the country and abroad for visits to the region. But infrastructural constraints and government restriction of foreign tourism prevented the proper development of tourism in the region. It may be noted that the Central Government is now keen to open up the region to tourism which will benefit the local population immensely. However, the nature of tourism in this region is ordinarily different from the rest of the country, since it has few religious sites and historical monuments which used to play an important role in tourism elsewhere. Rather, it would be nature tourism, trekking, mountaineering, whitewater adventure, wildlife sanctuaries/parks, angling for snow trouts and mighty mansiers hill stations and the rich ethnic and cultural diversity which would prove to be important factors in the future of tourism in the region. Needless to say that the future of tourism in the region is bright, subject to development of manpower and tourism infrastructure in the the region.

III. NEHU's Envisaged Programme :

Being the premier educational institution in the region, with direct responsibility for the three states of Meghalaya, Mizoram and Nagaland and which also caters to the educational needs of students of other sister states of Assam, Tripura, Manipur and Arunachal Pradesh it has a major responsibility in manpower development in the process of being catalytic in their overall development process as per article 44 of NEHU Act, 1973. With not a single institution in the seven states of the region having either any formal or non-formal method of manpower training in the tourism sector, it becomes imperative on the part of NEHU to take necessary steps in this regard.

As part of its Eight Plan effort NEHU proposes to introduce a special Post Graduate Two Year Degree Course in Tourism, i.e. Master of Tourism Administration (M.T.A.) in accordance with the system adopted and the programme approved by the Indian Institute of Tourism and Travel Management. To achieve this objective, we would also earmark some seats for students drawn from Northern, Western, Southern and Central Regions. This would provide them with true exposure to the culture and attractions of North Eastern Region for future Tourism promotion in their respective region.

It may be noted that, since, the University lacks necessary expertise and experience in this field, it proposes to develop the centre gradually over the current plan period. Moreover, although the University has a faculty of management sanctioned, it is yet to take off the ground. Under these circumstances the University might have to invite experts in the field from metropolitan areas and far off places, since unlike other metropolitan cities elsewhere in the country, there are locally available resource persons/experts in tourism. This, therefore, would involve additional resource. The University permanent campus is under construction and at the moment there is serious shortage of space for current operation in the University. Therefore, opening this programme would involve renting of space and thus additional expenditure. Besides, there are also difficulties of communications in the hilly terrain where a Mini Bus is actually essential for effective running of the Course. However, in view of the financial constraint and limited availability of fund, the minimum requisite items of expenditure are included in the Revised Estimate appended herewith. It is decided in principle that after getting the sanction of funds, the Department of Tourism will be set up in the next Academic Session.

INDIAN INSTITUTE OF TOURISM AND TRAVEL MANAGEMENT
C O U R S E S

ADMISSION AND EVALUATION

Eligibility for Admission

Candidates who fulfil the following requirements are eligible to apply:

- a) A Bachelor's Degree from a recognised University or its equivalent.
- b) Three years' experience as an Executive/Officer at the Junior or Middle Management Level. However, this condition may be relaxed for candidates found suitable otherwise.
- c) Maximum age limit not more than 30 years at the time of admission. However, the limit will be relaxed for the following:
 - Candidates who have completed any of the previous Management Development Programmes.
 - Sponsored candidates.
 - Scheduled Caste and Scheduled Tribe candidates.

Eligible candidates will be short-listed for a personal interview. Final selection will be made on the basis of performance in the interview. In all matters pertaining to the admission process, the decision of the Selection Committee will be final.

Application Procedure

Application Forms and Procedure Brochures can be obtained from the Institute's Office. The completed Application Form for Admission must be accompanied by :

- 3 passport size photographs.
- Application Fee: As prescribed in course brochure, by a Demand Draft or Money Order payable to Indian Institute of Tourism and Travel Management, New Delhi. This would be adjusted in the course fee.
- Degrees: Photocopies of Diplomas/Degrees from Colleges/Universities attended.
- Transcripts: An official transcript of marks from Colleges and Universities attended.
- Proof of employment.

Fees

For each programme a prescribed fee has to be paid. The fee consists of admission fee, tuition and cost of teaching material provided to the participants. For the MDPs there is also a small caution deposit which is refundable. The fee is to be paid in advance. Refund of fee is not permissible.

Registration

Candidates desiring to register for the above course are advised to fill in the prescribed admission form and submit it along with the prescribed fee by cheque/draft payable to: Director, Indian Institute of Tourism and Travel Management.

Mailing Address

All communications in regard to the course and registrations may please be addressed to :

The Programme Officer
Indian Institute of Tourism & Travel Management
Arunachal, 11th Floor
19 Barakhamba Road
New Delhi - 110001

Te: 3313031/3313037

Telex: 031-63392 ITTM IN

Evaluation of the Participants

The IITM's Diploma in Tourism Management is based on the Open University pattern of education. Only those candidates who successfully pass all the six Management Development Programmes, elaborated elsewhere, are eligible to obtain this Diploma. For each MDP, students are required to appear in a Written Examination and also to submit Research Reports on selected themes. Only those students who pass all the examinations in respect of each MDP and obtain a minimum of 24 credits out of total of 60 credits are entitled for the Diploma of the Institute.

For all other programmes, one of the following evaluation methodologies is adopted:

- a) Written Examination and Project Reports
- b) Written Examination
- c) Project Reports
- d) Viva Voce Examination

Evaluation of the Programmes

A structured questionnaire at the end of each programme is circulated among all the participants. They are asked to give their evaluation of the programme. They have option in disclosing their identity. The structured evaluation is followed by oral evaluation. The views expressed by the participants are taken into account while planning future programmes.

Annexure - D

5:6:2(8)

MASTER OF TOURISM ADMINISTRATION (MTA)

TWO-YEAR SYLLABUS

Designed as a two-year programme, the MTA aims at providing a comprehensive study of tourism, with analytical skills, so that a cadre of high-level professional managers becomes available to the tourism industry.

FIRST SEMESTER

<u>Course No.</u>	<u>Title of Course</u>	<u>Maximum Marks</u>
10	Tourism (Compulsory)	100
11	Planning & management of international tourism (Compulsory)	100
12	Marketing (Compulsory)	100
13	Indian History (Compulsory)	100
14	Foreign language (Compulsory)	100
15	Viva Voce (Compulsory)	100
Any two courses from the following :		
16	Organisation and management	100
17	Hotel management	100
18	Geography	100
Total marks for eight courses		800

SECOND SEMESTER

19	Indian society & culture (Compulsory)	100
20	Financial management (Compulsory)	100
21	Human resource development (Compulsory)	100
22	Organisational behaviour (Compulsory)	100
23	Foreign language (Compulsory)	100
24	Report on 'On-Job-Training' (Compulsory)	100
25	Viva voce (Compulsory)	100
Any two courses from the following :		
26	Quantitative methods	100
27	Constitution of India	100
28	World update	100
Total marks for nine courses		900

THIRD SEMESTER

<u>Course No.</u>	<u>Title of Courses</u>	<u>Maximum Marks</u>
29	Business policy & social responsibility (Compulsory)	100
30	Legal & regulatory aspects (Compulsory)	100
31	Management of travel agency & tour operations (Compulsory)	100
32	Operations management (Compulsory)	100
33	Foreign language (Compulsory)	100
34	Project report (Compulsory)	100
35	Viva voce (Compulsory)	100

Any two courses from the following:

36	Anthropological aspects of tourism	100
37	Pricing policy	100
38	Consumer behaviour	100

Total marks for nine courses 900

FOURTH SEMESTER

39	Tourist products of India (Compulsory)	100
40	Management information systems & computer application (Compulsory)	100
41	Environment & ecology (Compulsory)	100
42	Ethics (Compulsory)	100
43	Foreign language (Compulsory)	100
44	Report on tourist centre visited (Compulsory)	100
45	Viva voce (Compulsory)	100

Any two courses from the following:

46	Public enterprise management of an organisation connected with tourism	100
47	Comparative management	100
48	Adventure tourism	100

Total marks for nine courses 900

3. Snedecar, G. W. and Cochran, W. G. : Statistical Methods Oxford & IBH Pub.
4. Weatherburn, C. E. : A First Course in Mathematical Statistics, E.L.B.S.

PAPER VII

1. Cochran, W. G. : Sampling Techniques, John Wiley
2. Goon, A.M. Gupta, M.K. and Das Gupta, B. : Fundamentals of Statistics, Vol. II, World Press, Calcutta.
3. Yates, F. : Sampling Methods for Censuses and Surveys, Hafner Pub. Co.
4. Cowden, D. J. : Statistical Methods in Quality Control, Prentice Hall.
5. Dodge, H. F. & Ramig, H. G. : Sampling Inspection Tables, John Wiley.

PAPER VIII

1. Goon, A.M.; Gupta, M.K. and Das, Gupta B. : Fundamentals of Statistics, Vol. II, World Press, Calcutta.
2. Fisher, R. A. : The Design of Experiments Macmillan.
3. Gupta, S.C. and Kapoor, V.K. : Fundamental of Mathematical Statistics Vol. I & II, S Chan, New Delhi.

Tables required for practicals

1. Fisher, R. A. & Yates, F. : Statistical Tables for Biological, Agriculture & Medical Research, Oliver Boyd.
2. Comrie, L. J. : Barlow's Tables, N. & F. M. Spon Ltd.
3. Pearson, K. : Tables for Statistician & Bio-metrician, Part I & II, Cambridge University Press.
4. Pryde, J. : Chamber's seven figure logarithms of number upto 1 000 000, W & R Chambers.
5. Rao, C. R. Mitra, S. K. & Mathai, : Formulae and Tables for Statistical work Statistical Pub. Society.

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PAPER III

1. Goon, A.M.; Gupta, M.K. and Das Gupta, B. : Basic Statistics, World Press, Calcutta.
2. Goon, A.M.; Gupta, M.K. and Das Gupta, B. : Fundamentals of Statistics. Vol. I, World Press Calcutta.
3. Goon, A.M.; Gupta, M.K. and Das Gupta, B. : Fundamental of Statistics. Vol. 2, World Press, Calcutta.
4. Barclay, G. W. : Techniques of population Analysis, John Wiley.
5. Gupta, S.C. and Kapoor, V.K. : Fundamentals of Mathematical Statistics, Vol. I S.Chand, New Delhi.

PAPER IV

1. Goon, A.M.; Gupta, M.K. and Das, Gupta, B. : Fundamentals of Statistics, Vol. 2 World Press, Calcutta.
2. Goon, A.M.; Gupta, M.K. and Das Gupta, B. : Basic Statistics World Press, Calcutta.
3. Gupta, S.C. and Kapoor, V.K. : Fundamentals of Mathematical Statistics, Vol. 2, S.Chan, New Delhi.

PAPER V

1. Goon, A.M.; Gupta M.K. and Das Gupta, B. : Basic Statistics, World Press, Calcutta.
2. Goon, A.M.; Gupta, M.K. and Das Gupta, B. : Fundamental of Statistics, Vol. I, World Press, Calcutta.
3. Kapur, J.N. & Saxena, H.C. : Mathematical Statistics, S.Chan, New Delhi.

PAPER VI

1. Goon, A.M. Gupta, M.K. and Das Gupta, B. : Basic Statistics, World Press, Calcutta.
2. Goon A.M. Gupta M.K. and Das Gupta, B. : Fundamentals of Statistics, Vol. I World Press Calcutta.

Contd/.../25

Books suggestedPaper - I

1. Goon, A.M.; Gupta, M.K. and Das Gupta, B. : Basic Statistics, World Press, Calcutta
2. Goon, A.M.; Gupta, M.K. and Das Gupta, B. : Fundamental of Statistics, Vol, I, World Press, Calcutta.
3. Bhattacharya, G.K. and Johnson R. A. : Statistical concepts and Methods Wiley Eastern.
4. Mathai, A. and Rathie, : Basic Statistics Macmillan New Delhi.
5. Nagar, A.L. and Das, K.Y. : Basic Statistics, Oxford University Press, New Delhi.
6. Majumdar, A.R. and Ganguli, P.L. : College Algebra Calcutta.
7. Loney, S.L. : The elements of Co-ordinate Geometry, Macmillan, London.
8. Narayan, Shanti, : Differential Calculus. S. Chan & Co. New Delhi.
9. Narayan, Shanti : Integral Calculus S. Chan & Co., New Delhi.
10. Hall, H.S. and Knight, S.R. : Higher Algebra, Macmillan, London.

Paper II

1. Scarborough, J. B. : Numerical Analysis Oxford University Press.
2. Hildebrand, F. B. : Introduction to Numerical Analysis, Mc Graw-Hill.
3. Goon, A.M.; Gupta, M.K. and Das Gupta, B. : Basic Statistics, World Press Calcutta.
4. Goon, A.M.; Gupta, M.K. and Das Gupta, B. : Fundamental of Statistics, Vol. I, World Press Calcutta.

Contd./.../-

expectation and standard error of sample mean under simple random sampling; expectation and standard error of sample proportion under simple random sampling. Stratified random sampling : description; estimator of population mean (proportion). Its expectation and standard error; considerations guiding the choice of start. Systematic random sampling (linear and circular): Description; estimator of population mean (proportion), its expectation and standard error; advantages and disadvantages of systematic sampling.

(ii) Statistical Quality Control

General concepts of quality control: definitions of quality; design reliability, process reliability and product reliability; process control and product control. Concept of tolerance limits. Control charts: Chance and assignable variations; rational; subgroups; construction and use of charts for \bar{X} , R and s , p and c . Modified control charts.

Sampling inspection plans: Inspection plans by attribute single, double and multiple. Concepts of OC, ASN, AQL and AOQL, and their uses in the selection of appropriate plans from Dodge Roming and ISI plans.

Paper VIII

(i) Analysis of variance.

Analysis of data for a one way classification: fixed effects and random-effects models. Analysis of data for a two way classification with the same number of observations per cell : main effects and interaction effects, fixed-effects, random-effects and mixed-effects models and the question of appropriate error variance.

(ii) Experimental designs

Controlled experiments. Basic principles of designs: randomisation, replication and local control. Description and method of analysis of experiments conducted according to a completely randomised, a randomised block and a Latin square design. Factorial experiments and analysis of data for such experiments. Confounding in a 2×2 and a $2 \times 2 \times 2$ experiment : complete and partial. Split-plot and strip arrangements.

Contd/.../-

Paper V(i) Descriptive Statistics (b)

Limitations of the correlation coefficient. Non-linear regression, correlation ratio and correlation index. Rank correlation, Spearman's and Rendalls rank correlation coefficients. Multi-variate data. Multiple regression by least-squares method. Multiple correlation. Partial correlation. Coefficients of multiple correlation and partial correlation.

(ii) Sampling Distributions

Statistic and parameter. Random sampling from a distribution. Sampling distribution of a statistic and its standard error under random sampling. Results on the expectation and variance of a sample proportion (in sampling from a distribution). Sampling distributions of the sample sum in sampling from a binomial and from a Poisson distribution. Sampling distribution of sample mean and sample variance in sampling from a univariate normal distribution. Definitions of (central) chi-square, t and F statistics. Their probability density functions and basic properties (with derivations).

Paper VI(i) Statistical Methods

Point and interval estimation, hypothesis-testing. Intuitive considerations underlying the principles of unbiasedness, minimum variance and consistency. Basic principles of hypothesis-testing: test, critical region, type I error and type II error, level of significance and power. Tests for a single mean, for the equality of two means, for a single variance and for the equality of two variances, for the significance of a correlation coefficient (under normal population models). Large-sample tests, for a single proportion and for the equality of two proportions, for a single mean and for the equality of two means. Pearsonian chi-square and its application in testing for goodness of fit, for independence and for homogeneity. Yates' correction for continuity in 2 X 2 table.

Paper VII(i) Sampling Techniques

Population and sample. Advantages of sampling over complete enumeration. Sampling unit and sampling frame. Schedule and questionnaire. Definition of simple random sampling: with replacements (SRSWR) and without replacements (SRSWOR)

Simple continuous distributions; rectangular and normal. Joint distribution of random variables. Marginal and conditional distributions. Independence of random variables. Sum law and product law of expectation. Trinomial distribution; nature of the marginal and conditional distributions. Bivariate normal distribution; nature of the marginal and conditional distributions, role of the correlation coefficient (without derivation of results).

(ii) Vital Statistics Methods

Sources of data on vital events. Measures of mortality: crude death rate, specific death rate, standardised death rate, cause-of death rate, case fatality rate, infant mortality rate, maternal mortality rate. Measures of fertility: crude birth rate, general fertility rate, age-specific fertility rate, total fertility rate. Measures of population growth: vital index, crude rate of natural increase, gross reproduction rate, net reproduction rate.

Paper IV

(i) Economic Statistics

Analysis of time series: Components of a time series; determination of trend by moving average method and by fitting curves ($y = a + bt$, $y = a + bt + ct^2$, $y = a + bt$, $y = a + bct$); determination of seasonal variation by the method of trend ratio of trend differences and by the moving-average method). Index number: meaning of a price index; problems connected with its construction - choice of base, choice of commodities, choice of weights, choice of formula; tests for index number formulae; fixed-base and chain-base index numbers; cost of living index various considerations underlying its construction.

(ii) Indian Official Statistics

Indian statistical system - role of the DSO, the NSSO, the DGCI, the Office of the Registrar-General and the State Statistical Bureaus. Sources, methods of collection and limitations of Indian official statistics on the following topics;

- | | |
|-----------------|---------------------------------|
| (a) Population | (f) Labour and employment |
| (b) Agriculture | (g) Transport and communication |
| (c) Industry | (h) Banking and finance |
| (d) Prices | |
| (e) Trade | |

Contd./.../-

(ii) Descriptive Statistics

Meaning of Statistics, Primary and secondary data. Frequency and non-frequency data. Collection of data and scrutiny of data. Tabular and diagrammatic representation of non-frequency data (line diagram, ratio chart, bar diagram, pictograph and pie diagram). Tabular representation of frequency data: Frequency, relative frequency, cumulative frequency and frequency density. Column diagram, frequency polygon, histogram and cumulative frequency diagram, Central tendency and dispersion. Measures of central tendency: mean, median and mode. Measures of dispersion: range, mean deviation and standard deviation. Bivariate data. Scatter diagram. Simple correlation and correlation coefficient. Simple regression by least-squares method: its relationship with simple correlation.

Paper II(i) Computational Techniques

Approximate numbers: rounding off, significant digits, errors of approximation. (absolute, relative, percentage). Difference table, Newtons forward and backward interpolation formulae. Lagrange's formula. Inverse interpolation. Numerical solution of equation in one unknown-iterative methods. Solution of simultaneous linear equations and matrix inversion. Numerical differentiation and integration-different formulae for equally spaced points; trapezoidal rule, Simpson's one-third rule and Weddle's rule. Summation of series-Euler-Mclaurin formula. Stirling's approximation of factorials.

*(ii) Elements of Probability Theory

Experiment and event. Probability as long run-relative frequency. Classical definition of Probability. Basic results on probability. Conditional probability. Theorem of Compound probability and theorem of total probability. Independence of events. Independent trials. Problems on probability involving the basic theorem and simple rules of permutations and combinations.

Paper III(i) Probability Distributions

Concept of random variable. Probability distributions of a random variable, and its expectation and variance. Simple discrete distributions; hypergeometric, binomial and Poisson.

SEMESTER II

Paper V:	(i)	Descriptive Statistics (b)-	75 marks
	(ii)	Sampling Distributions -	
	(iii)	Practical problems on the topics covered in (i) and (ii)	- 25 marks
Paper VI:	(i)	Statistical Methods	- 75 marks
	(ii)	Practical problems on the topics covered in (i)	- 25 marks
Paper VII:	(i)	Sampling Techniques	- 50 marks
	(ii)	Statistical Quality Control	- 25 marks
	(iii)	Practical problems on the topics covered in (i) and (ii)	- 25 marks
Paper VIII:	(i)	Analysis of Variance	- 25 marks
	(ii)	Experimental Designs	- 50 marks
	(iii)	Practical problems on the topics covered in (i) and (ii)	- 25 marks

Detailed SyllabusPaper I(i) Mathematics

Algebra:	Permutations and combinations. Logarithms. Surds, indices and complex quantities. Quadratic equations. Binomial theorem for a positive integral index (with Proof). Exponential and logarithmic series. Common inequalities- triangle and Cauchy-Schwarz. Determinants and their use in solution of simultaneous linear equations.
Trigonometry:	Trigonometrical ratios. Graphs of trigonometrical ratios. Elementary trigonometrical formulae and their applications.
Analytical geometry:	Equations to a straight line, pair of straight lines, circle, parabola, ellipse, and hyperbola.
Differential Calculus:	Function, limit and continuity. Differentiation. Successive differentiation. Leibnitz's theorem. Mean value theorems. maxima and minima. Functions of several variables. Partial differentiation.
Integral Calculus:	Integration as anti-differentiation. Standard integrals. Definite integral as an area.

Conti/.../-

2. Eligibility for admission: Any one who has passed the B.A/B.Sc./B.Com./Examination of this University or any other University and who had Mathematics as a Compulsory subject of study at the Secondary level will be eligible for admission to this course. If the number of applicants with these qualifications exceeds the number of seats, the selection of entrants may be made on the basis of an admission test.

3. There will be 8 papers in all. Each paper will carry a maximum of 100 marks. The examinations on paper I-IV will be held at the end of the First Semester, while the examination on Papers V-VIII will be held at the end of the second Semester.

4. Qualifying marks for a pass in the examinations will be 40% of the maximum total marks in the theory and the Practical papers separately. Those securing not less than 40% but less than 60% of the marks will be declared to have passed in the Second Class. Those securing not less than 60% of the marks will be declared to have passed in the First Class. Those securing at least 75% of the marks will be declared to have passed in the First Class (with Distinction).

5. A Brief description of the papers is given below:

Semester I

- Paper I. (i) Mathematics - 25 Marks
 (ii) Descriptive Statistics (a) - 50 marks
 (iii) Practical problems on the topics covered in (ii) - 25 marks
- Paper II (i) Computational Techniques - } - 75 marks
 (ii) Elements of Probability Theory - }
 (iii) Practical problems on the topics covered in (i) and (ii) - 25 marks
- Paper III: (i) Probability Distributions - } - 75 marks
 (ii) Vital Statistics Methods - }
 (iii) Practical problems on the topics covered in (i) and (ii) - 25 marks
- Paper IV: (i) Economic Statistics - 50 marks
 (ii) Indian Official Statistics - 25 marks
 (iii) Practical problems on the topics covered in (i) and (ii) 25 marks.

CERTIFICATE COURSE IN STATISTICS1. Justification for the Course

In the North-Eastern region, there are only three Universities, viz. Gauhati and Dibrugarh and Manipur that offer courses in Statistics at the B.A/B.Sc. and M.A/M.Sc. levels. People from other regions are also found to be reluctant to take up jobs in this part of the country unless they are offered high incentives. Consequently, there is an acute dearth of people having proper qualifications to fill posts of Statisticians or Statistical Assistants or Field Investigators in the various Statistical offices of the State Governments, or even similar posts in the regional offices of the National Sample Survey Organization. The Certificate course envisaged by the Centre for Applied Statistics, NEHU is meant to train up people for the posts of Field Investigator and Junior Statistical Assistant. The Diploma Course has, likewise, the objective of training up people for the posts of Senior Statistical Assistant and Statistician. The introduction of such courses in NEHU will in the long run help in strengthening the official statistical system in the North Eastern States, especially in Meghalaya, Nagaland, Mizoram, Manipur, Arunachal Pradesh and Tripura. Besides, they can provide private organizations having statistical wings with qualified employees to man these wings.

While the Indian Statistical Institute or the Indian Universities may not be able to admit right away Diploma-holders of NEHU into their M.A/M.Sc./M.Stat. course, it is expected that a candidate having a good B.A/B.Sc. degree with, say, Physics or Economics or Mathematics as a subject of study will stand a better chance of being chosen for such a course if he/she holds a Diploma in Statistics from NEHU at the same time. It may be noted that Indian Statistical Institute offers two Diplomas, The Junior Diploma in Statistics (JDS) and the Senior Diploma in Statistics (SDS), on the basis of external examinations held by it twice a year. The JDS and the SDS have been recognized by the Union Government, for professional jobs under the public-sector undertakings, as equivalent, respectively, to the B.Sc. and M.Sc. degrees in Statistics of Indian Universities. It may be definitely said that a person holding a Certificate in Statistics from NEHU will be in an advantageous position to pass the examinations in the five JDS papers while one holding a NEHU Diploma in Statistics is expected to do well in the examinations for the five SDS papers.

Contd./.../-

5:6:3(1)

Proposal of the Centre for Applied Statistics
for starting a Certificate course in Statistics

The Centre of Applied Statistics is proposing to start a Certificate Course in Statistics. The justifications for the Course alongwith the proposed syllabus is placed at Annexure - 'A' for consideration of the Council.

Correspondence Course leading to
B.A.Degree.

In its 39th meeting held on 23.6.90 and 21.7.90, the Academic Council decided that the Correspondence Course leading to B.A.Degree notified earlier by the Centre of Distance Education, be kept in abeyance till the necessary infrastructure, finance and reading materials for the Course are available.

Now the reading materials have been re-edited by the competent Committee appointed for the purpose. The post of Director, Centre for Distance Education has been sanctioned and advertised. The question of finance does not arise since the course would be started for 200 candidates only. Under these circumstances, the Director recommends starting the Course with the existing infrastructure facility from the session 1992.

The matter is placed before the Council for Consideration.

5 615(U)

Introduction of three-year degree course in Physical Education, Health Education and Sports.

The University felt that a course on Physical Education and Sports may be conducted by the University and as such a Committee was constituted by the University. The Committee with some external experts recommended for introduction of a course in Physical Education and Sports. The Committee was also working for preparation of the syllabus. In the meantime the University Grants Commission formulated a scheme with Guidelines for introduction of the three year degree course in Physical Education, Health Education and Sports. This has been intimated by the Commission vide its letter No.F.10-1/87(SPE) dated 14-3-90 vide Annexure 'A'. The letter indicated that this composite course could be started in a multi-faculty College/University and that it is essential to have the basic minimum facilities required for running the course like track and field, Gymnastics, Yoga, playgrounds, conditioning unit etc. The University at present has already a conditioning unit and the playground with track and field may perhaps be developed by the University.

In the first year, four posts of Lecturer with 2 Groundsman, 2 Markers and one Lab. Attendant will be available. The UGC share of expenditure will be cent per cent for a period of 5 years. A copy of the letter of the University Grants Commission may be seen at Annexure 'A'.

The matter is placed for consideration of the Council.

ANNEXURE - I AUNIVERSITY GRANTS COMMISSION
RAHADUR SHAH ZAFAR MARG
NEW DELHI

F.10-1/27(SA)

Dt. 14.3.90

The Registrar
North Eastern Hill
University
Dillinger - 793 001.

Sub : Introduction of three-year degree course in Physical Education, Health Education and Sports in universities and colleges.

Sir,

You may, perhaps, be aware that the University Grants Commission formulated and introduced the Three-Year Degree Course in Physical Education, Health Education and Sports in 1987 as per the guidelines of the scheme. This composite course could be started in a multi-faculty college/university. Further, it is provided that not more than one institution in a district may be sanctioned the course. It is essential that the institutions sanctioned the course should have the basic minimum facilities required for running the course viz, track and field, gymnastics, yoga, playgrounds, conditioning unit etc.

The Commission provides the following assistance to the University/College selected for running the course.

Sl. No.	Head	Ceiling of Assistance by UGC (Rs. in lakhs)	UGC share
1.	Additional Staff for five years (teaching faculty/supporting/laboratory staff).	Actual	100%
	<u>Year</u>	<u>Teaching Staff</u>	<u>Supporting Staff</u>
	First Year	4 Lecturers	2 Groundsmen/Markers 1 Lab. Attendant
	Second Year	1 Lecturer	1 Groundsman/Markers
	Third Year	1 Lecturer	1 Groundsman/Marker 2 Lab. Technicians
2.	Laboratory Books & Journals	0.40	100%
3.	Equipment		
	a. Teaching & Audio-Video aids	0.60	100%
	b. Physical conditioning Unit & Gymnasium	1.00	100%
4.	Laboratory Building	0.75	50.50

The UGC would provide assistance for a period of five years for the teaching and supporting staff approved and to be appointed in the first, second and third years respectively for the introduction of the course taking into account the date of implementation of the scheme as the for assistance and not from the date of first appointment of staff in the respective years. Thereafter, it will be the responsibility of State Government/ Management to take over the liability to continue the course when the assistance from the Commission comes to an end after the initial period of assistance for five years.

It has now been decided that only such proposals will be considered by the UGC which have been duly recommended by the State Government with a specific assurance that the liability of the course would be taken over by them when the assistance from the Commission comes to an end after five years. The University is, therefore, requested to forward only such proposal which have the approval of the State Government and to take over liability for continuing the said course after five years.

Yours faithfully,

Sd/-

(Gurcharan Singh)
Under Secretary

Establishment of the Deptt. of Hindi and introduction of Post-Graduate Courses in Journalism and Translation together with BA(Hons) Functional Hindi:

Department of Hindi

The University Grants Commission vide its letter dated 16-5-78 sanction the Deptt. of Hindi for NEMU with faculty positions. The details may be seen at Annexure 'A'. During the discussions on the 8th Plan proposals held on 20-3-91 with the Chairman and Officers of the UGC together with Experts, it was desired that "The University may promote and strengthen the study of language of the region and while doing so the role of Hindi as a functional language be also kept in view". In fact, during the discussions it was impressed upon the University that the Deptt. of Hindi, which was sanctioned in the 6th Plan, should be established early.

Post-Graduate Courses in Journalism:

The University Grants Commission vide letter dated 19-9-91 agreed to provide grants to the University for introduction of Post-Graduate Courses in Journalism (in Hindi). The Following sanction has been provided for the Courses:-

- 1) Professor-----one post.
- 2) Reader----- one post.
- 3) Books and Journals -----Rs. 75,000 (for 5 years).
- 4) Contingencies including Honorarium to Guest Teachers
-- Rs. 50,000 (for 5 years).

The University moved the UGC for sanction of the Deptt. of Journalism (English) and the syllabus for the Course has also been prepared and kept ready. It may be considered whether UGC may be moved to allow the University to introduce the Post-Graduate Courses in Journalism (English) and not in Hindi.

Post-Graduate Courses in Translation and BA(Hons) Functional Hindi

The University Grants Commission also agreed to provide grants for introduction of Post-graduate Courses in Translation (Hindi) and BA(Hons) Functional Hindi. Faculty position and grants for Books and Journals and contingencies have also been provided. The details may be seen at Annexure 'B'.

The matter is placed for consideration of the Council whether the University would like to utilise these grants given by the UGC and introduce the Courses.

5:6:6(2)

ANNEXURE ' A '

(COPY)

UNIVERSITY GRANTS COMMISSION

BHADUR SHAH ZAFAR MARG
NEW DELHI - 110 002

Co. F. 1-1/89(Hindi)

Dated September, 1991.

To

The Registrar,
North Eastern Hill University,
SHILLONG - 793 001.

SUBJECT : Introduction of courses in functional Hindi at
Undergraduate and Postgraduate levels in Univs.

Sir,

The University Grants Commission at its meeting held on 12th August, 1991 considered the introduction of post-graduate courses in Hindi for promoting functional Hindi to improve the employability of University graduates. The Commission has agreed to provide grants to selected Universities in the country as under :-

- 1) Postgraduate course in Journalism
Professor 1
Reader 1
Books and Journals Rs.75,000/- (for 5yrs)
Contingencies including honorarium to guest teachers Rs.50,000/- (for 5 yrs)
2. Postgraduate course in translation
Professor 1
Reader 1
Books & Journal Rs.75,000/- (for 5 yrs)
Contingencies including honorarium to guest teachers Rs.40,000/- (for 5 yrs)
3. BA(Hon) Functional Hindi (for one College in Delhi University)
Reader 2
Books & Journals Rs.50,000/- (for 5 yrs)
Contingencies Rs.25,000/- (for 5 yrs)

Contd/.....2.

5:6:6(3)

In all these course, it is intended that the University will employ only the core faculty and supplement teaching by using practicing professionals to be paid on lecture/semester basis out of the contingency grant for the course.

It is proposed to assist only one university in a State for these courses.

The above assistance will be available from the Commission for a period of 5 (five) years. The State Universities will have to obtain the approval of the State Govt. to take over the liability in respect of the teaching posts after the assistance from the Commission ceases.

In case your University is interested in implementing the programme, a proposal may be sent so as to reach University Grants Commission latest by 31-10-91 for consideration of the Commission.

Receipt of this letter may please be acknowledged.

Yours faithfully,

Sd/-

(Dr.P.H.S. Rao)
Joint Secretary

(COPY)

UNIVERSITY GRANTS COMMISSION
RAHADUR SHAH ZAFAR MAJG
NEW DELHI - 110 002

No. F.1 - 1/39 (Hindi)

Dated December, 1991.

To

The Registrar,
North Eastern Hill University,
SHILLONG - 793 001.SUBJECT ; Introduction of courses in functional Hindi
at B.A. (Hons.) level in universities.

Sir,

The University Grats Commission at its meeting held on 18th November, 1991 considered the introduction of B.A. (Hons.) course in Hindi for promoting functional Hindi to improve the employability of University graduates. The Commission has agreed to provide grants to selected Univ. in the country as under :

1.	B.A. (Hon.)	Functional Hindi	
	Readers		2
	Books & Journals		Rs. 50,000/- (for 5yrs)
	Contingencies		Rs. 25,000/- (for 5yrs)

For this course, it is intended that the university will employ only the core faculty and supplement teaching by using practicing professionals to be paid on lecture/semester basis out of the contingency grant for the course.

It is proposed to assist only one university in a State for these courses.

The above assistance will be available from the Commission for a period of 5 years. The State Government to take over the liability in respect of the teaching posts after the assistance from the Commission ceases.

In case your University is interested in implementing the programme, a proposal may be sent so as to reach University Grants Commission latest by 31-01-92 for consideration of the Commission.

Contd.....2/-

5:6:6(5)

Receipt of this letter may please be acknowledged.

Yours faithfully,

sd/-

(Dr.P.N.S. Rao)
Joint Secretary

5:7:-Affiliation etc.

(i) - Affiliation of Aizawl North College upto P.U.(Arts) level.

The Inspection team constituted for the purpose of considering affiliation of Aizawl North College upto P.U.(Arts) level with subjects-Economics, Education, History, Pol. Science, Geography and Mizo, inspected the college and has submitted the Report which is placed at Annexure-A for consideration of the Council.

The Inspection team recommended that the college may be granted provisional affiliation for 2 years with the condition that during this period, the College must fulfil the following requirements:

1. It should have its own site.
2. It should have 2 more class rooms to divided the P.U. classes into 2 sections.
3. It should have more books in Economics, History, Education & Geography.
4. It should have sepearte reading room and students' Common room.

The matter is placed before the council for consideration.

INITIAL AFFILIATION

Inspection Committee Report(to be submitted to the University in duplicate)

1. Name of the College: Aizawl North College
2. Its sponsoring authority: Governing Body of Aizawl North College
3. The Legal Status of the College(Whether college is a registered body under Societies Registration Act)

Yes

4. Whether the College is having a Governing Body duly constituted for the purpose:

Yes

(attach a copy of the constitution)

5. Any special features of the Governing Body Constitution which deserve special attention for the grant of affiliation:

Physical and Financial Resources

6. Whether the college is already located at its own site:

Yes/No No

- (a) If not, whether the college has already acquired land

No

- (b) Give below a brief report on the suitability of the site and plan after inspection:

7. The College is seeking affiliation for offering the following courses in :-

P.U. Level

Degree Level

P.U. Arts with Economics, Education,
History, Political Science,
Geography and Mizo

8. Students seeking Admission :

P.U. Arts	233	in I Year	B.A	_____
P.U. Sc.	171	in II Year	B.Sc	_____
P. U .Com				_____

9. Whether the college has adequate number of titles of books and journals for the courses of study mentioned at para 7 above:

Addition of more books in Education, Economics Geography and History is desirable.

(a) If no, do you recommend that the college should be affiliated pending acquisition of books/journals:

Affiliation may be extended being which more books on the above subjects may be acquired

10.(a) Reading room facilities

size Nil Adequate/Inadequate

(b) Classrooms 2 Nos.

size 60' x 27' each Inadequate

(c) Students' Common Room

size Nil Adequate/Inadequate

(d) Teachers' Common Room

size 18' x 30' Adequate

11. Whether the college has adequate equipment/laboratory facilities for practical classes:

----- Yes -----

12. Name of the teachers with Post-Graduate Degree/Specialization:

Name	Lecturer in	P.G. Degree with grade of specialization
1. VANL. LDUBA	Pol Science	M.A. 50.6%
2. THANGKIMA	Economics	M.A. 5.47 GPA
3. LALZUITLUANGA	Mizo	M.A, B.D, B. Ed, B+
4. K. VANLALTHAA	Geography	M.A 59.26%
5. LOKHINGLIANA	English	M.A, B. Ed. 51.5%
6. LALBIAKZAMI HMAR	Education	M.A, B. Ed. 64.31%
7. R. SANGHNUNA	Mizo	M.A, Ed. 58.13
8. DARKHUMA	History	M.A
9. SAROJ LALDINPUII	English	M.A 52%

NOTE: The University Regulation stipulates, the following:-

Level/Class	Minimum No. of Teachers in each subject
a) P.U. Non-Lab	One
b) P.U.Laboratory	Two
c) Degree Non-Laboratory(Pass) + P.U. Non-Laboratory	Two in all subjects and Three in English
d) Degree Laboratory(Pass) + P.U.Laboratory	Six of whom four should be lecturers
e) Degree Non-Laboratory(Pass) + Hons + P.U.	Four in all subjects other than English & other elective languages in which there should be at least five.
f) Degree Laboratory(Pass) + Hons + P.U.	Seven of whom six shall be Lecturers.

13. Whether the college has adequate No. of qualified teachers in the subjects for which affiliation is sought :

One teacher in each subject except in English and Mizo for which 2 teachers were then for each

14. Whether the college is maintaining a fixed term deposit of Rs. 1,00,000/-in any bank:

Yes

If yes, the Fixed Deposit Certificate -

No 2189 dat2d 66

for Rs. 1,50,000

in the Mizoram Co-operative Apex Bank, Aizawl.

(mention the name of the Bank and Branch).

15. Any other observation(a):

16. Recommendations:

Note: a) If conditional recommendation is made kindly specify the conditions and the period by which the same are expected to be fulfilled by the college for the Provisional/Extension of Affiliation.

b) If provisional affiliation is recommended upto a certain period only, this may be mentioned.

Affiliation may be extended for 2 years during which the college must fulfil the following conditions.

- 1) It should have its own site
- 2) At least two more class rooms should be made available so that the two P.U classes can be divided into two sections.
- 3) It should have more books Economics, History, Education and Geography Departments.
- 4) It should have separate reading room and Student common room.

Sd/- R.Lalthanthuanga,

Sd/- A.K.Sharma

Sd/- Lalawia

(ii)- Affiliation of Mizawl West College upto P.U.(Arts) level.

The Inspection team constituted for the purpose of considering affiliation of Mizawl West College upto P.U.(Arts) level with subjects - English, Mizo, (M I L & Elect), History, Economics, Pol.Science and Education, visited the college and submitted the inspection report which is placed at Annexure-A for consideration of the Council.

The Inspection team recommended grant of provisional affiliation upto the end of the academic year 1991-1992 to help the students already enrolled, and affiliation thereafter may be extended only if the following conditions are met:-

1. Appointment of qualified teachers as per the qualifications laid down by the University as at present the college does not have qualified teachers in Economics.
2. Admission of students to be restricted to 100 in each year, keeping in view the available infrastructure.
3. The college library should have more books in Education and should subscribe to at least 5 Newspapers and Journals like "Telegraph" "Sunday" and " India Today " besides the local newspapers.
4. Procurement of additional furnitures for meeting arrangements of students.
5. There should be evidence of the college starting construction of its own building.

The Inspection team also recommended another Inspection in June-July 1992 to ensure that the conditions have been met before further action is initiated.

The matter is placed before the Council for Consideration.

NORTH-EASTERN HILL UNIVERSITY
SHILLONG.

INITIAL AFFILIATION.

Inspection Committee Report (to be submitted to the
University in duplicate)

1. Name of the College : AIZAWL WEST COLLEGE
2. Its sponsoring authority : Local VCP and other members of the public
3. The Legal Status of the College (Whether college is a registered body under Societies Registration Act)
YES
4. Whether the College is having a Governing Body duly constituted for the purpose :
YES
(attach a copy of the constitution)
5. Any special features of the Governing Body Constitution which deserve special attention for the grant of affiliation :
It has eminent members of the local society as its members including an IAS Secretary of the Govt. of Mizoram.
Physical and Financial Resources.
6. Whether the college is already located at its own site :
Yes/No No.
(a) If not, whether the college has already acquired land
we were shown documents where they have been allotted some land
(b) Give below a brief report on the suitability of the site and plan after inspection.
The plot is a hill side land which if developed properly ~~666~~be very good, however, it will require much time and effort.
7. The college is seeking affiliation for offering the following courses in :-
According to the report of the Principal,

<u>P.U.Level</u>	<u>Degree Level.</u>
<u>English, Mizo (Elect).</u>	_____
<u>Mizo(MIL),History,Economics</u>	_____
<u>Political Science & Education</u>	_____

8. Students seeking Admission :

The College has at present

P.U.Arts I-176 P.U.-II-208

B.A. _____

P.U.Sc _____

B.Sc _____

P.U.Com _____

B.Com _____

9. Whether the college has adequate number of titles of books and journals for the courses of study mentioned at para 7 above

The College has adequate number of books in all subjects except Education and it contributes to no journals and newspapers.

(a) If no, do you recommend that the college should be affiliated pending acquisition of books/journals :

The college may be asked to contribute to some journals and newspapers as per University norms. However, affiliation on this ground need not be delayed.

*0. (a) Reading Room facilities Adequate/~~Inadequate~~

(b) Classrooms
size 24' x 18' Adequate/~~Inadequate~~

(c) Students Common Room
size _____ Adequate/~~Inadequate~~

(d) Teacher's Common Room
size 18' x 22' Adequate/~~Inadequate~~

11. Whether the college has adequate equipment/laboratory/ facilities for practical classes :

N.A.

12. Name of the teachers with Post-Graduate Degree/Specialization :

<u>Name</u>	<u>Lecturer in</u>	<u>P.G. Degree with grade or Specialization.</u>
1. P. Lalrinnliana	M.I.L.	55.87 %
2. Miss Lianhlupuii	Political Science	54 %
3. Miss K. Lalrinzuoli	Political Science	60.13 %
4. Mr. Lalhriata	English	52.81 % M.Phil 'O' Grade
5. Miss Lalhkingpuii	English	52.13 %
6. Mr. Pawliana	History	52.56 %
7. Mr. C. Lalhlengliana	History	60 %
8. Mr. S. E-Zonunthara	Economics	50.10 %
9. Mr. Vanlalchhawna	Economics	54.9 %
10. Mrs. Lalbiakdiki Hnamte	Education	64.13 %
11. Mr. C. Chawiliana	Mizo	3.65 GPA
12. Mrs. Rosangliani	Education	58.19 %
13. Mr. R. Bialhluna	Mizo	57.69 %

NOTE : The University Regulation stipulated the following :

<u>Level/Class</u>	<u>Minimum No. of teachers in each subject.</u>
a) P.U. Non-Lab	one
b) P.U. Laboratory	Two
c) Degree Non-Laboratory (Pass) + P.U. Non-Laboratory	Two in all subjects and Three in English
d) Degree Laboratory (Pass) + P.U. Non-Laboratory	Six of whom four should be lecturers.
e) Degree Non-Laboratory (Pass) + Hons + P.U.	Four in all subjects other than English and other elective languages in which there should be at least five.
f) Degree Laboratory (Pass) + Hons + P.U.	Seven of whom six shall be Lecturers.

13. Whether the college has adequate No. of qualified teachers in the subjects for which affiliation is sought :

The college has 5 lecturers who do not fulfil the minimum Qualification of 55%. In Economics both the Lecturers have below 55% and in English though both are below 55% one has a M.Phil Degree. The University may decide on his case.

14. Whether the college is maintaining a fixed term deposit of Rs. 1,00,000 /- in any bank:

If yes, the fixed Deposit Certificate -

NO. 118/90 FDR Dated 12.12.90 for Rs.1,00,000/- in the Mizoram Urban Cooperative Development Bank. Tuikual Branch.
(mention the name of the Bank and Branch)

15. Any other observation (s) :

The college has 208 students in PU-II and 176 in PU-I and no Sections for English Class. In the rooms being used as classroom at even half this number can be accommodated.

16. Recommendations :

Note : a) If conditional recommendation is made kindly specify the conditions and the period by which the same are expected to be fulfilled by the college for the Provisional/Extension of Affiliation.

b) If Provisional affiliation is recommended upto a certain period only, this may be mentioned.

The College may be given conditional provisional affiliation upto the end of the academic year 1991-92 to help the students enrolled with it. However, after this, the affiliation may be extended only if the following conditions are met :

- i) The college employs teachers who fulfil the minimum qualification and requirements of the University. At present, there are no qualified teachers in Economics.
- ii) The college restricts its admission to not more than 100 students in each year. The available infrastructure, cannot support more than this.
- iii) Another inspection may be carried out in June-July, 1992 to ensure that the conditions have been met before further action is initiated.
- iv) The Library procures some more books in Education and subscribes to atleast 5 newspapers and Journals like 'Telegraph', 'Sunday', and 'India Today' besides local newspapers.
- v) The college shows evidence of starting construction of its own building.
- vi) Some more furniture is added for meeting arrangements of students.

Signature of the Members of the Inspection Team.

Sd/-	Sd/	Sd/
(DR.S.GANGULY)	(R.S.WANGU)	(LALAWIA)
Head	Head	Director
Deptt English, NEHU,	Deptt. Education, NEHU	H&T Education
&	MC & Member, Inspec-	Member, Inspection
Convenor of the Inspe-	tion Team.	Team
tion Team.		

- (iii) Permission to start Honours in Khasi in St. Edmund's College.

The Inspection Report for the purpose of granting permission to St. Edmund's College to start Honours in Khasi is placed at Annexure-'A' for consideration of the Council.

The Inspection team has recommended grant of provisional affiliation for starting Honours in Khasi for 3 years. It also recommended creation of one more full time post of lecturer in the subject, pending which, the college should immediately engage two part-time lecturers.

The matter is placed before the Council for consideration.

5:7:3:(2)

NORTH-EASTERN HILL UNIVERSITY

S H I L L O N G

ANNEXURE 'A'

INITIAL AFFILIATION

Inspection Committee Report (to be submitted to the University in duplicate)

1. Name of the College: St. Edmund's College
2. Its sponsoring authority: C. C. B. in India
3. The Legal Status of the College (whether college is a registered body under Societies Registration Act)

Yes

4. Whether the College is having a Governing Body duly constituted for the purpose:

Yes

(attach a copy of the constitution)

5. Any special features of the Governing Body Constitution which deserve special attention for the grant of affiliation :

It comprises representatives of C. C. B. I public ^{men} teaching staff representative and some senior teacher of NEHU.

Physical and Financial Resources

6. Whether the college is already located at its own site:

Yes

- (a) If not, whether the college has already acquired land
- (b) Give below a brief report on the suitability of the site and plan after inspection:

7. The college is seeking affiliation for offering the following courses in :-

P. U. Level

Degree Level

B. A Honours in Khasi

which was once permitted in 1978.

8. Students seeking Admission:

P.U. Arts _____	B. A. _____
P. U. Sc _____	B. Sc _____
P. U. Com _____	B. Com _____

9. Whether the college has adequate number of titles of books and journals for the courses of study mentioned at para 7 above:

Yes 1172 numbers and 3 journal as on 18.3.91 plus 6 additional purchased recently.

(a) If no, do you recommend that the college should be affiliated pending acquisition of books/journals:

Yes

10.(a) Reading room facilities

Size Large Adequate

(b) Classrooms

Size Large Adequate

(c) Students' Common Room

Size Large Adequate

(d) Teachers' Common Room

Size Large Adequate

11. Whether the college has adequate equipment/laboratory facilities for practical classes :

Yes. But no laboratory is required for the teaching of Honours course in Khasi.

Contd/.../-

12. Name of the course with Post-Specialization:

Name	Lecturer in	P.G. Degree with Grade or Specialization
1. Sri. D.L. Warjri	Khasi	M.A and attended two refresher course
2. Sri C. Khongwir	Khasi	M.A and attended one refresher course
3. Sri H.R. Bareh	Khasi	M.A and M.Phil

NOTE:- The University Regulation stipulates the following:-

<u>Level/Class</u>	<u>Minimum No. of Teachers in each subject</u>
a) P.U. Non-Lab	One
b) P.U. Laboratory	Two
c) Degree Non-Laboratory (Pass) + P.U.-Non-Laboratory	Two in all subjects and Three in English
d) Degree Laboratory (Pass) + P.U. Laboratory	Six of whom four should be lecturers
e) Degree Non-Laboratory (Pass) + Hons + P.U.	Four in all subjects other than English & other elective languages in which there should be at least five.
f) Degree Laboratory (Pass) + Hons + P.U.	Seven of whom six shall be lecturers.

Contd./.../-

13. Whether the college has adequate No. of qualified teachers in the subjects for which affiliation is sought:

Yes

14. Whether the college is maintaining a fixed term deposit of Rs. 1,00,000/- in any bank:

Yes

If yes, the Fixed Deposit Certificate-We have more than one lakh of rupees in fixed deposit. But at the moment Bank our burser is out of station so for certificate it can be furnished in due course.

(mention the name of the Bank and Branch).

15. Any other observation(s): The college has three full time teachers of Khasi literature. We recommend the creation of at least one more full time post immediately or engage two part-times temporarily pending the sanction of a full time teacher by the state government. This is urgent because the college runs a science course also.

16. Recommendations: Provisional affiliation of the Honours course in Khasi for three years is recommended.

Note: a) If conditional recommendation is made kindly specify the conditions and the period by which the same are expected to be fulfilled by the college for the Provisional/Extension of Affiliation.

b) If provisional affiliation is recommended upto a certain period only, this may be mentioned.

Sd/-H. W. Sten,
21.6.91

Sd/- B.L. Swer
26.6.91

Sd/-J.S. Shangpliang
21.6.91

Signature of the members of the Inspection Team.

5:7:3:(C)

Department of Khasi

June 25, 1991.

To

The Director,
College Development Council,
NEHU, Shillong.

Dear Sir,

As required by the Council, Dr. B.L.Swer, Dr. J.S. Shangpliang inspected the Library and the office of the St. Edmund's College, Shillong on the 21st June 1991. Apart from the information and recommendations made in the inspection report, we have found that the college has acquired all the texts and references required for the Honours Course in Khasi. The College has three teachers for the Department and it has agreed to move the Government for one more teacher in view of the fact that it also affiliated itself for the Science stream also. We recommended that till a regular additional teacher is appointed, the College could engage two part-time teachers to make the programme successful.

Kindly place this in the next meeting of the Academic Council to formalise matters as applications have already been invited by the Principal for the Course.

Yours faithfully,

Sd/-H. W. Sten,
Head, Khasi Department
&
leader of the Inspecting team.

- (iv) Affiliation of Khawzawl College upto P.U(Arts) level.

The Report of the Inspection team for the purpose of affiliation of Khawzawl College, Mizoram upto P.U(Arts) level, is placed at Annexure-'A' for consideration of the Council. The College sought affiliation with subjects-English, Education, Mizo(MIL and Elective), History, Political Science and Economics.

The Inspection team recommended that the College be granted provisional affiliation for 2 years and another inspection be carried out to ensure that the college have a full-time lecturer in Education, an updated library and starts functioning in its own building.

The matter is placed before the Council for consideration.

INITIAL AFFILIATION

Inspection Committee Report (to be submitted to the University in duplicate)

1. Name of the College: KHAUZAWL COLLEGE
2. Its sponsoring authority: KHAUZAWL COLLEGE GOVERNING BODY
3. The Legal Status of the College (whether college is a registered body under Societies Registration Act)

Yes

4. Whether the College is having a Governing Body duly constituted for the purpose :

Yes

(attach a copy of the constitution)

5. Any special features of the Governing Body Constitution which deserve special attention for the grant of affiliation :

None

Physical and Financial Resources

6. Whether the college is already located at its own site :

Yes/No : No

- (a) If not, whether the College has already acquired and

Yes

- (b) Give below a brief report on the suitability of the site and plan after inspection :

The Inspection Committee visited the proposed site, It has 3 Acres of Hill Top Land which appear to be adequate. The outside wooden structure of the building was observed to be ready and the plan appeared to be adequate.

7. The college is seeking affiliation for offering the following courses in :-

P.U. Level

Degree Level

P.U. Arts in English,
Education, History, Mizo (MIL)
Mizo (Elective), Pol. Science &
Economics

8. Students seeking Admission:

P.U. Arts 115

B.A

P.U. Sc

B.Sc

P.U. Com

B.Com

Certs/.../-

9. Whether the college has adequate number of titles of books and journals for the courses of study mentioned at para 7 above :

There were quite a large number of books, however, most the books in the English section appeared to be of post-graduate level and may not thus be of much use for P.U. level students.

- (a) If no, do you recommend that the college should be affiliated pending avquisition of books/journals:

he college may be provisionally affiliated, but directed to have books and journals suitable for P.U. standard before permanent affiliation is given.

- *0. (a) Reading room facilities

size 12' x 10' Adequate

- (b) Classroom 2

size 18' x 10' Adequate

- (c) Students' Common room

size _____

- (d) Teachers' Common Room

size 12' x 12' Adequate

11. Whether the college has adequate equipment/laboratory facilities for practical classes :

Does not arise as there are no subjects requiring practical classes.

12. Name of the teachers with Post-Graduate Degree/Specialization

<u>Name</u>	<u>Lecturer</u>	<u>P-G-Degree with grade/ or specialization.</u>
1. <u>R.Lalrintluanga</u>	<u>Principal/Economic</u>	<u>II Economics</u>
2. <u>Zohmingliana</u>	<u>Mizo MIL/Education</u>	<u>II Sociology</u>
3. <u>K.Ziona</u>	<u>History</u>	<u>II History</u>
4. <u>Y.S.Singh</u>	<u>English</u>	<u>II English</u>
5. <u>N.U.Singh</u>	<u>English</u>	<u>II English</u>
6. <u>Zosangliana</u>	<u>Pol Science</u>	<u>II Pol Science</u>
7. <u>H.S.Lalhningthanga</u>	<u>Mizo Elective</u>	<u>II History</u>

Note : The University Regulation stipulates the following : -

<u>Level/Class</u>	<u>Minimum No.of teachers in each subject.</u>
a) P.U.Non-Lab	one
b) P.U. Laboratory	Two
c) Degree Non-Laboratory (Pass) +P.U. Non-Laboratory	Two in all subjects and Three in English
d) Degree Laboratory (Pass) + P.U.Laboratory	Six of whom four should be lecturers
e) Degree Non-Laboratory (Pass) + Hons + P.U.	Four in all subjects other than English & other elective languages in which there should be at least five.
f) Degree Laboratory (pass) + Hons + P.U.	Seven of whom six shall be lecturers.

Whether the college has adequate No. of qualified teachers in the subjects for which affiliation is sought :

There is no Lecturer in Education, Others are adequate.

*@. Whether the college is maintaining a fixed term deposit of Rs. 1,00,000/- in any bank :

Yes/No

If Yes, the Fixed Deposit Certificate

No. MZ 3327 dated 6th July, 1989 for Rs. 1 Lakh in the
A

Mizoram Rural Bank, Kawzawl Branch.

(mention the name of the Bank and Branch)-

15. Any other observation (s) :

The Inspection Team visited the college on 19th June, 1991 at 8:00 AM and has the following observations, to make:

1. The College is at present located in the building of a school and hence, has to function between 6:00 A.M. and 9:00 A.M. We were told that once the building is ready in about a month's time it would function as a day college.
2. The Library is under the charge of the L.D.C. which is not very desirable, a lecturer may be made in-charge of it.
3. Most of the books in the English Section were of Post-Graduate standard and some copies of text-books prescribed by the University were observed. There is no General Section in the Library. This should be rectified.
4. The Library does not contribute to any national news magazine.
5. There is no Lecturer in Education. The Lecturer in Mizo (MIL) who is M.A. (Sociology) also teaches Education.
6. It appears that the College has adequate funds for functioning smoothly.

16. Recommendations :

Note : a) If conditional recommendation is made kindly specify the conditions and the period by which the same are expected Extension of affiliation.

b) If provisional affiliation is recommended upto a certain period only, this may be mentioned.

The College may be affiliated provisionally for 2 years and another inspection carried out to ensure that they have a qualified full time Lecturer in Education, that they have started functioning from their own building and that their Library has been properly updated.

Signature of the members of the Inspection Team.

Sd/
(R.Lalthantluanga)

Sd/
(A.S. Siankunga Khawlhlang)

Sd/
(R.N.Prasad)

Sd/-
(S.Ganguli)

- (v) Affiliation of Saitual College upto P.U(A) level.

The Inspection team constituted for the purpose of considering affiliation of Saitual College upto P.U(Arts) level with subjects:-English,Mizo(MIL and Elective),Political Science,Economics, History and Education,visited the College and its report is placed at Annexure-'A' for consideration of the Council.

The Inspection team recommended grant of provisional affiliation of 2 years and during this period the college should fulfil the following conditions:

1. Recruit a qualified English lecturer
2. Construct at least 2 more rooms for College Office and teachers common room.

The matter is placed before the Council for consideration.

NORTH-EASTERN HILL UNIVERSITY
SAILUNG

INITIAL AFFILIATION.

Inspection Committee Report (to be submitted to
the University in duplicate)

1. Name of the College SAILUNG COLLEGE
2. Its sponsoring authority SAILUNG COLLEGE GOVERNING BODY
3. The Legal Status of the College (Whether college is a registered body under Societies Registration Act)
Registered under Societies Registration Act.
4. Whether the College is having a Governing Body duly constituted for the purpose :
Yes.
(attach a copy of the constitution)
5. Any special features of the Governing Body Constitution which deserve special attention for the grant of affiliation :
The Chairman is the Local M.L.A. who is very interested in the development of the region. Physical and Financial Resources
6. Whether the college is already located at its own site :
YES/NO: YES.
(a) If not, whether the college has already acquired land

(b) Give below a brief report on the suitability of the site and plan after inspection :
The present site is appropriate for the College. It has sufficient scope for future expansion. The site and the College plan appeared to be suitable on inspection.
7. The college is seeking affiliation for offering the following courses in :-

P.U. Level

Degree Level

P.U. Arts in the following subjects

English, Mizo MIL, Mizo Elective

Political Science, Economics.

History and Education.

8. Students seeking Admission :

P.U. Arts 1	<u>77</u>	B.A.	_____
P.U. Sc	_____	B.Sc	_____
P.U. Com	_____	B.Com	_____

9. Whether the college has adequate number of titles of books and journals for the courses of study mentioned at para 7 above:

The College has adequate number of books in the subjects it is teaching, they are properly classified and maintained well.

(a) If no, do you recommend that the college should be affiliated pending acquisition of books/journals.

N.A.

10. (a) Reading room facilities No. 1

size 12' X 9' Adequate/

(b) Classrooms No.2

size 15' X 18' Adequate/

(c) Students' Common Room

size 20' X 18' Adequate

(d) Teachers Common Room

size 10' X 18' Adequate/

11. Whether the college has adequate equipment/laboratory facilities for practical classes.

They do not have any subject requiring practical classes. The classrooms were equipped with essential things like benches blackboards etc.

12. Name of the teachers with Post-Graduate Degree/Specialization :

<u>Name</u>	<u>Lecturer in</u>	<u>P.G. Degree with grade or specialization.</u>
1. Lalsiamhnuna	Principal/Lecturer II in Pol Science	Political Science
2. Vanlalhluta Hmar	English	III English
3. K.Lalrinmawia	History	III History
4. Lalbiaknunga	Mizo (MIL)	II Public Adm
5. Lalhmangahzuala	Mizo (Elective)	II Sociology
6. Lalzarliani	Education	II Psychology
7. KSH Birlal Singh	Economics	I Economics
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		

NOTE:- The University Regulation stipulates the following :-

<u>Level/Class</u>	<u>Minimum No. of teachers in each subject.</u>
a) P.U. Non- Lab	One
b) P.U. Laboratory	Two
c) Degree Non-Laboratory (Pass) + P.U. Non-Laboratory	Two in all subjects and Three in English
d) Degree Laboratory (Pass) + P.U. Laboratory	Six of whom four should be lecturers
e) Degree Non-Laboratory (Pass) + Hons + P.U.	Four in all subjects other than English & other elective languages in which there should be at least five.
f) Degree Laboratory (Pass) + Hons + P.U.	Seven of whom six shall be Lecturers.

13. Whether the college has adequate No. of qualified teachers in the subjects for which affiliation is sought :

The College has 1 Lecturer in all subjects for which affiliation has been sought. 6 Lecturers have II Division in M.A. and 1 Lecturer has III Division in M.A.

14. Whether the college is maintaining a fixed term deposit of Rs. 1,00,000/- in any bank :

Yes/ No.

If Yes, the fixed Deposit Certificates -

No TD/^A/_T 56944

dated 19th June, 1990

for Rs 1 lakh

in the State Bank of India, Saitual Branch.

(Mention the name of the Bank and Branch).

15. Any other observation (s) :

Seperate sheet attach.

16. Recommendations :

Note : a) If conditional recommendation is made kindly specify the conditions and the period by which the same are expected to be fulfilled by the college for the Provisional/Extension of Affiliation.

b) If provisional affiliation is recommended upto a certain period only, this may be mentioned.

Provisional affiliation for 2 years may be granted. During this period the college should fulfill the following conditions:

i) Recruit a qualified English Lecturer.

ii) Construct atleast 2 more rooms for college Office & Teachers Common Room.

Signature of the members of the Inspection Team.

Sd/

(Prof R.Lalthantluanga)

Sd/

(Dr. R.N.Prasad)

Sd/

(Dr.S.Ganguly)

Sd/

(Siamkina Khawlhiring)

Joint Director of Higher & Tech
Education, Government of Mizoram.

Observation

The Inspection Committee visited the college on 18th June, 1991 at 8:00 A.M. and inspected the facilities of the college. It appeared that adequate number of books classrooms and other facilities exist in the college. One Lecturer functions as the Library In-Charge and appears to be doing a good job. The Library may however contribute to some standard magazine like 'UNDAY' or 'INDIA TODAY' for exposure of the students to the main events around them.

The Inspection Team met 5 of the 7 Lecturers, and it was informed that 2 were on leave. The College may however be advised to appoint only those candidates as Lecturers who fulfill the norms laid down by the appropriate authorities. The College has a Lecturer in every subject being taught in the College.

The College at present functions between 6:00 A.M. and 9:20 A.M. We were informed that this was being done for the convenience of some students who were employed. It is, however, felt that it would be desirable to have the college run during day-time. We were assured that this would be done from the next academic year.

The Inspection Team feels that the College may be given provisional Affiliation for 2 years and another inspection done to ensure that the college has carried out the modifications pointed out by the Inspection Team. It appears that the College has adequate funds for functioning smoothly.

5:8 - Others

- (i) Nomination of members of the Board of Under-Graduate Studies.

Three persons not below the rank of Reader are to be nominated by the Academic Council as Member of the Board of Under-Graduate Studies for subjects in which there is no teaching at the University Department.

The following names are suggested for consideration of nomination by the Academic Council .

BUGS IN HINDI

1. Prof. R.S.Tripathi,
Department of Botany, NEHU, Shillong.
2. Prof. J.F.Singh,
Department of History, NEHU, Shillong.
3. Dr. Jagatpal,
Department of Philosophy, NEHU, Shillong.

BUGS IN MIZO

1. Dr. J. Lawma,
Reader, Department of Economics
NEHU, Shillong.
2. Dr. C. Munthara,
Reader,
Department of Sociology
NEHU, Shillong.
3. Mr. L.F.Sailo,
Deputy Registrar,
Mizoram Campus, NEHU
Aizawl.

Nomination of External members to the
School Board of Physical Sciences.

Under Clause 1(vii) of Ordinance Oa-7, five external experts are required to be nominated to the School Board by the Academic Council. The following names were recommended for the School Board of Physical Sciences for consideration of nomination by the Academic Council.

1. Prof. N.Kumar, Chairman
Department of Physics,
Indian Institute of Science
Bangalore 560 012
2. Prof. P.K.Kaw
Director,
Institute for Plasma Research
Bhat Gandhi Nagar
Gujarat 382 424
3. Prof V.Krishnan
Department of Inorganic Chemistry
Indian Institute of Science
Bangalore 560 012
4. Prof. S.v.Keshar
Department of Chemistry
Panjab University
Chandigarh
5. Prof. N.Dadhich
Inter University Centre for
Astronomy and Astrophysics
Post Bag-4, Ganeshkhind
Pune 411 007
6. Dr. V.G.Kuklarni
Director, TIFR
Homi Bhabha Centre for
Science Education
Dr. Homi Bhabha Road,
Colaba
Bombay 400 005.

- (iii) Nomination of external members to the Institute of Self-Organising Systems and Bio-Physics.

In composition of the Institute Board of Self-Organising Systems and Bio-Physics as per Ordinance OA-7 Clause 1(vii), it is provided that 5 external experts are to be nominated to the Institute Board by the Academic Council. The following panel of names submitted by the Director of the Institute is placed before the Academic Council for nomination of 5 experts out of 11 names recommended.

1. Dr. Deepak Kumar(Physics),
JNU, Delhi.
2. Dr. M.P. Singh(Applied Mathematics),
Centre for Atmospheric Sciences,
I.I.T., New Delhi.
3. Dr. V.M. Nandkumaran(Mathematical Physics),
Department of Physics, Cochin University, Cochin.
4. Dr. C.L. Khetrapal(Physical Chemistry),
NMR, SIF, Indian Institute of Science, Bangalore.
5. Dr. G.P. Talwar(Immunology),
National Institute of Immunology,
JNU Complex, Shahid Jeet Singh Marg, New Delhi.
6. Dr. G. Govil(Molecular Biophysics),
Tata Institute of Fundamental Research,
Bombay-400005.
7. Dr. B.S. Srivastava(Life Science),
CDRI, Lucknow.
8. Dr. J. Das(Biophysics and Molecular Biology),
Deputy Director and Head, Biophysics Division,
Indian Institute of Chemical Biology,
4 Raja SC Mullick Road, Jadavpur,
Calcutta-700032.
9. Dr. M.K. Chandrashekar(Animal Science),
Professor and Head,
Department of Animal Behaviour and Physiology,
Madurai Kamraj University, Madurai-625021.
10. Dr. Alfred,
M.R.B(Behavioural Biology),
Deputy Director,
Zoological Survey of India,
Calcutta.
11. Dr. B.M. Deb(Theoretical Chemistry),
S.N. Bose National Centre for Basic Sciences,
DB 17, Sector 1,
Calcutta-64.

- (iv) Composition of the Board of Under-Graduate Studies, Board of Post-Graduate Studies and School Board for the School of Agricultural Sciences and Rural Development-Report of the Committee.

In pursuance of the Academic Council decision adopted in its 38th meeting, a Committee was constituted to look into the problems of composition of the Board of Under-Graduate Studies, Board of Post-Graduate Studies and School Board in the School of Agricultural Sciences and Rural Development. The Report of the Committee is placed at Annexure-'A' for consideration of the Council.

Because of the peculiar set up of the School of Agricultural Sciences and Rural Development the existing composition of the Board of Under-Graduate Studies and Board of Post-Graduate Studies as per Ordinance OA-8 and OA-9 cannot be applied as such. The Committee had therefore, proposed amendment of the existing Ordinances as indicated at Annexure 'B' and 'C'. However, amendment of the existing Ordinances would not be practicable since the existing Ordinances will have to exist as they are for the purpose of general streams of Science/Arts/Commerce. The only solution is therefore, to adopt a different mode of ^{formation} of the BUGS and EPGS for the SASRD. For this purpose, the Vice-Chancellor in terms of the provisions of Section 26(2) of the NEHU Act, may frame the First Ordinance on the Boards and submit to the Ministry for approval.

Regarding composition of the School Board, the Committee feels that the teachers supporting the Post-Graduate Departments in the minor fields may be invited as invitees or observers. This implies that there need not be any different mode of composing the School Board for the SASRD. The existing Ordinance OA-7 may still be made applicable. However, some invitees/observers may be included in the Board.

The matter is placed before the Council for consideration.

ANNEXURE- 'A'

Minutes of the meeting of Special Committee held on 29.7.91 in SASRD, Medziphema.

Members present :

1. Prof. R.G.Michael,	-	Chairman
2. Prof. K.Chatterjee		Member
3. Prof. R.R.Mishra		"
4. Mr. Kiremwati		"
5. Prof. A.Sadique		"
6. Dr. D.N.Upadhyay		"
7. Prof. P.L.Kar		"
8. Mr. A.Patton		"

The Chairman welcomed the members to the meeting of the Special Committee on the outset, and the items for discussion submitted by the Dean, SASRD were taken up.

1. The items of 1, 2 and 3 were taken together and discussed the matter in detail. After thorough discussion it was suggested that there should be one BUGS for all under-graduate departments as a whole for the School. Likewise the Board of Post-Graduate Studies should also be made consisting of all the departments, instead of having separate BPGS for each Department. It was also resolved that special amendment for the constitution of BUGS and BPGS may be made in the AC for this School. The Chairman entrusted the Dean, PVC and Dr. D.N. Upadhyay to work out the detailed provision of the representation of its members for amendment of the same in the AC. It is also suggested that one expert may be invited for each department or as deem fit by the SASRD committee for representing in this boards.

Regarding the representation of members to the School Board, it was suggested by the committee that the teachers supporting the P.G. Departments in the minor field may be invited as invitees or observer in the meeting since the ordinance does not permit all the department to represent in the School Board.

Contd/.../-

- Item No. 4 After thorough discussion it was suggested that due to abolish of PU (Ag.) and also the B.A Non-traditional course, the faculty members meant for the above said courses may be diverted to the needy departments of UG and PG. and their specialization may be converted in order to accommodate them in the existing departments according to necessity.
- Item No. 5 It was decided that due to financial constraints facing by the University starting of P.G. Departments may be taken up in a phase wise and according to priority. The departments which are having infrastructural facility and according to the need of the region, the proposal for starting of P.G. Departments may be submitted.
- Item No. 6 It was pointed out that the University has already allowed 10% extra weightage to the products of this University for admission matters and according to the Ordinance and this may be followed in this case also.
- Item No. 7 The Dean, SASRD has been entrusted to explore the possibilities of NEHU Scholarship from DSW. It was also suggested to explore the possibilities of getting PG Scholarship from outside agencies also. The committee will take up this matter with the HQ.
- Item No. 8 The Dean appraised the matter in detail and it was informed to the committee that the SASRD is not getting any money for its development and the money allocated by ICAR has not been received in SASRD. The committee also entrusted to take up this matter with the AG for clarification. The members also suggested that the teachers should seek help from outside agencies like DST, NEC, ICAR etc. for more fund for the purpose of research, extrn. etc.
- Item No. 9 & 10 already covered
- Item No. 10. It was suggested that there should be some committee to look into the infrastructural needs of the School item-wise with priorities. At committee with the following

Contd/.../-

members were constituted to look into the matter:

1. Dr. A.Sadique
2. Dr. Chatterjee
3. The Dean- Dr. P.L.Kar
4. The FO/DFO

It was also decided that since it involves financial need, the Pro-V.C. should be a member in the Finance committee to look into the matter, since the SASRD and Nagaland Campus are facing lot of financial crisis for its day to day works as well as development.

Item No..11. Decision taken earlier.

12.

13.

14. Agreed upon as per NEHU norms & provisions.

15. It was decided that Departments having readers posts should be declared as HOD. The matter may be brought to the notice of AC for decision.

Admn.matters:

1. The matter will be taken up from HQ after going through the documents/resolutions of EC/AC.
2. It was decided that the budget including the money for P.G departments will be allotted to the School as a whole and the money for P.G.Depts. should be distributed from the school itself. This point should also be brought to the notice of the Finance management committee which will also look into the matter.
3. The matters was discussed in detail and it was expressed by the Chairman that due to financial constrain in the University it may not be possible to purchase a new bus immediately. It was suggested by some members that the old buses may be condemned and disposed off and a replacement of the same may be made with the money to be available by the disposal of the vehicel and the contribution of the University. It was also decided that the committee will

Contd/.../-

highly recommend the need of a bus in SASRD on priority basis. Other vehicles may be purchased in a phased manner.

4. The committee will recommend the case of integrated seniority list of SASRD teachers with the NEHU seniority list. It was also pointed out to clarify the existence or non-existence of College of Agriculture from the minutes of the AC/EC. The earlier EC decision should be taken up in this regard.

5.

6. The date regarding medical facilities including the requirement for SASRD Medical Unit and medical reimbursement should be submitted to HQ.

7. It was requested by the members that the entitlement of fund and other provisions to be provided to the students in connection with various functions and activities should be clearly spelt out so that the students welfare matters could be settled properly.

Misc.

To settle the case of exam. patterns of SASRD. To submit the list of vacant posts on priority basis for advertisement to HQ.

.....

CONSTITUTION OF BOARD OF POST GRADUATE STUDIESProvision of the Ordinance-OA-8.

1. The Board of Post-Graduate Studies of each department shall comprise :
 - (i) The Head of the Department
 - (ii) All Professors of the Department
 - (iii) Two Readers and two Lecturers of the Deptt. by rotation, on the basis of seniority.
 - (iv) One teacher each..... Department.
 - (v) Not more than 2 teachers teaching allied or cognate subjects in other Schools nominated by the Vice-Chancellor on the recommendation of the Department concerned.
 - (vi) Not more than 3 persons nominated by the Board of the School who have specialised knowledge in the discipline of the concerned department and who are not employees of the University or any of its affiliated or recognised Institutions.
3. The Head of the Department shall be the Convener and Ex-officio Chairman of the Board.

Proposed amendment

- There shall be one Board of Post-graduate Studies (Agriculture) for all the post-graduate department in the school. It shall comprise of :-
- The Heads of all Departments of SASARD.
- All Professors of Departments in SASARD.
- One Reader and one Lecturer of all the Departments in SASRD by rotation on the basis of seniority within the department.
- This clause has become redundant because all the departments are represented at clause 1(iii)
- No change, except that such member should be nominated by the Vice-Chancellor on the recommendation of the Dean, SASARD.
- Not more than three persons nominated by the Board of the School who have specialised knowledge in the discipline of Agriculture who are not employees of the University or any of its affiliated or recognised institutions.
- The Dean, SASARD shall be the Convener and the Ex-officio Chairman of the Board.

CONSTITUTION OF BOARD OF UNDER-GRADUATE STUDIESProvision of the Ordinance OA-9.

1. There shall be a Board of Under-Graduate Studies for each subject taught at the degree level.
- 2(i) The Head of the University Department teaching the subject (Chairman, Ex-Officio)
- (ii) Professors in the Department
- (iii) One Reader in the Department by rotation.
- (iv) One Lecturer in the Department by rotation
- (v) Five teachers from affiliated colleges engaged in teaching the subject concerned nominated by the School of Studies;
- (vi) Two outside experts nominated by the Vice-Chancellor on the recommendation of the Head of the Department of whom one shall ordinarily be a person from the North Eastern region.
4. The Head of the Post-graduate Department where existing shall be the Chairman of the Board. In his absence the Chairman shall be elected by the members of the Board.
6. (iii) Notice of the meetings of the Board shall be issued by an Administrative Officer of the Registrar's Office to be nominated by the Vice-Chancellor at least three weeks before the date fixed for the meetings.

Proposed amendment

- There shall be one Board of Under-graduate Studies (Agriculture) taught at degree level.
- The Dean, SASRD as Ex-officio Chairman.
2. Professors of SASRD based on seniority in rotation.
 - One Reader from each Department according to seniority in rotation.
 - One Lecturer from each Department on seniority in rotation.
 - Five teachers from other Agricultural Colleges of nearest area to be nominated by the School Board of SASARD.
- The outside experts to be nominated by the Vice-Chancellor on the recommendation of the Dean, SASRD.
- The Dean, SASRD would act as Chairman of the Board. In his absence the senior most professor will act as Chairman.
- The notice of the meeting of the Board shall be issued by the Assistant Registrar/Dy. Registrar of Dean, SASRD office.

- (v) Review of the seat allotment/distribution for the B.Sc (Agri).

In its 4th meeting held on 10.4.91, the School Board of Agricultural Sciences & Rural Development, reviewed the seat allotment for the 4 year B.Sc (Agri) programme and commended the revised seat allotment/distribution as under :-

Arunachal Pradesh	...	6
Mizoram	...	8
Meghalaya	...	9
Manipur	...	2
Nagaland	...	12
Assam	...	2
Tripura	...	5
Open Quota	...	6
University Quota	...	5
		55.
Total	...	55.

The Board also observed that the demand of seats in respect of the different states fluctuate in different years. In cases where the seat requirement exceed the number allotted, the Board decided that the concerned state authorities may submit this information alongwith the applications of candidates who are qualified but could not be adjusted against the allotted seats, to the Dean on a specific date, The Dean shall compile such applications and decide on adjusting them against the surrendered seats, if any, in order of merit.

The matter is placed before the Council for consideration.

Closure of the Institute of Self-Organising Systems and Bio-Physics at NEHU.

The U.G.C appointed an Expert Committee for appraisal of the Institute of Self Organising systems and Bio-Physics at NEHU. The report of the Committee is placed at Annexure 'A'.

The decision of the UGC on the report of the Committee was communicated to the Vice Chancellor vide D.O. letter No. F.PA/IS(NFE)90. dt. 18-6-90, for further necessary action which is placed at Annexure 'B'. An extract of the UGC Resolution reads as follows :-

"The Commission generally accepted the report of the Expert Committee and desired that the comments of the University may be invited on the recommendations made by the Committee particularly regarding transfer of equipments and staff and starting of a Department of Bio-Physics. The Centre of Self-organising System at NEHU in the present form may be closed, after the tenure of the present Director expires and preparations in that directions should proceed. There is no intention of reducing the overall activity at NEHU".

The V.C. vide his letter D.O.No.NEHU/VCF.14-1/90-1578 dt. 16-7-90 had communicated to Prof. Yash Pal, Chairman, UGC his response to the Report and also the reaction of Dr. R.K. Mishra which are placed as Annexures 'C' & 'D' respectively.

When Dr. K.P. Sinha joined as Director, ISOS&B, he also submitted his comments to the then Vice-Chancellor vide his letter No. F.3-5/Biophysics/87-2179 dated 17.7.91, which may be seen at Annexure 'E'. Dr. Sinha, among others, suggested that the nomenclature of the ISOS& B be changed to that of the "Institute of Fundamental Research".

The reply of Prof. Yesh Pal dt. 24.7.90 in response to V.C.'s letter dtd. 16.7.90 is placed as Annexure 'F'. The Chairman, UGC, among others, suggested establishment of an "Institute for General Systems Dynamics" to replace the ISOS & B. As desired in the above cited letter, the Vice-Chancellor responded giving his suggestions vide D.O.No.NEHU/VCF 14-1/90-1839, dtd. 27.8.90 (at Annexure 'G').

The Chairman, UGC vide D.O. letter No. F6-5/90(CM) dated 12.9.90 (at Annexure 'H'), however, intimated to the effect that "This Institute in its present form and its present mandate cannot continue beyond February next year. However, as already mentioned, it can be reorganised in the form of a department/centre/institute in accordance with the discussions which have gone on and may happen with Dr. C.N.R. Rao & others".

The matter is placed for consideration and decision of the Council.

Report of the UGC Committee to appraise the Institute/Centre of Self-Organising Systems and Biophysics, at North Eastern Hill University.

Committee's visit to NEHU and the background of setting up the Institute:

The Committee set up by the Chairman UGC with terms of reference attached herewith visited Shillong from 19th to the 21st of March. Members has examined all the available papers and they had long discussions all with the Vice-Chancellor Prof. Iqbal Narain, NEHU, and the Director of the Institute of Self Organising Systems and Biophysics. They visited the Institute building which is on the top floor of the Women's Hostel and looked into the position of equipment and infrastructural facilities. Discussions with individual members of the Institute staff were held in confidence, and meetings were held with Drs. Junjappa, (Chemistry) & Bean Physical Sciences, A.L.Verma (Physics) and many of their colleagues - as also with members of the faculty of Life Sciences, and two members of the Governing Council of the Institute Prof.U.N.Singh and Prof.K.rameshu who happened to be available. Since the working brief of the Committee is an overall assessment of the circumstances surrounding the setting up and working of the Institute, it is considered best to provide a sequential statement of events, which would show that problems have arisen because of practically every link in the chain of events.

1. On 29.7.1985 a Committee consisting of Prof.A.R. Varma (Physicist) and Prof.B.Bhatia (environmental Science) examined a proposal for setting up such an institute/Centre. The proposal, framed by Prof.R.K.Misra who was to retire in a few months from the Biophysics Department of the All India Institute of Medical Sciences, came from the then Vice-Chancellor of NEHU, Prof. V.K.Gaur (Geophysicist) the third member of the Committee was absent, but Prof.R.K.Misra, the proposer was personally available. The document this Committee is said to have examined had just about 300 words, which included such phrases as: "An automated and Self structuring organization is much needed in the country..... It must be stressed that the theory proposing living matter as a new state of matter has only been made ~~from~~ India, and it is our obligation to develop it fully". (Underline original). The Committee had no scientist who could be called an expert in either biophysics or self organising biological systems. The Committee's recommendations, in part stated: "It was recognized that heavy funding would be

necessary, may be upto a crore even, if the targets were to be achieved looking at inflationary trends today...Committee reiterated its warm support to the proposal, its own suggestions and requested UGC to go ahead with its adoption and implementation very early and thanked the UGC for bringing this proposal for consideration before them."

2. Within three weeks, on 19.8.1985, the UGC accepted this proposal, with equipment component of 65.5 lakhs, and other support, including teaching and research staff of Director, Professor/Reader 2, Lecturers 2 with additional Professor/Reader 2 and Lecturers 2 in the following year. Thus a proposal worded in general and vague terms, with no project document or identification of scientifically defined tasks, was approved at a cost which could run upto Rs.1 crore non-recurring and many lakhs per year recurring!

Special Contract Appointment of Director :

3. In November/December of 1985 a "Special Contract Appointment" was drawn for Prof.R.K.Misra with officer on Special Duty of N.E.H.U. This contract is not either vague or general and it binds the University to appoint him whole time Director for five year period "with effect from 1st March 1986." It is worth nothing that the Vice-Chancellor NEHU had already retired, an Officer on Special Duty was holding charge, and Prof.R.K.Misra's name was perhaps under consideration as Vice-Chancellor of NEHU. The special contract is witnessed by the Special Secretary dealing with Higher Education in the Ministry of Human Resource Development.

The result was that in March 1986, Prof.R.K.Misra joined NEHU as its Vice-Chancellor, but he held simultaneously another whole time post of Director of the Centre of Self-Organising Systems and Biophysics.

Expenditure to be met from NEHU's sub-plan:

4. The NEHU had received a letter from the UGC granting staff for the Centre and Rs.45 lakhs for equipment (1985-86) and another Rs.2 5 lakhs for equipment (1986-87) with a provision that the approval was subject to "the condition that the expenditure will be met out of the over all allocation of Rs.3 crore's made to the NEHU under the sub-plan 1985-86." The Vice-Chancellor immediately sent off orders for equipment, drawing away nearly Rs.70 lakhs from the general allocation for the University which had included Rs.103 lakhs for equipment for science faculties of the university, which were left with just 33 lakhs perhaps for the whole plan period. Some staff was recruited to join by about the middle of 1986.

Lack of Planning :

5. Lack of scientific planning provision of space, electricity, water, furniture and other infrastructure, hasty and out of phase arrival of equipment late in 1986, and of staff, led to acute problems. Equipment lay in crates, people say, in the Vice-Chancellor's house. Space which had been earmarked for the science faculty, and which they badly needed for class rooms, library and some laboratories was taken away for the Centre. Loss of equipment money was compounded by the loss of essential space, and this immensely antagonized the whole science faculty. In any case, it was in the second half of 1988 that some equipment came to be installed and many defects were revealed which could not be rectified because the guarantee period was over. Many essential components had not been ordered, making much of the equipment unfit for use.

Present State of Affairs :

6. Today's position is that with original allocation and cost escalation due to changes in the exchange rate, approximately 96.47 lakhs have been spent on "major" equipment of which

- i) the network analyser (costing about 42 lakhs) has never functioned; the display is defective, the sample holder and some waveguides and coaxial air lines were never ordered
- ii) the photoacoustic spectrometer (6 lakhs) has never worked.
- iii) the low level photon counter (2.5 lakhs) has defects.
- iv) the photo image acquisition system: (20 lakhs) microscope has not been coupled, there is no spectrum analyser or floppy disc to hold data. It also requires a chiller.

The laboratories have no proper furniture and lab tables, the few shaky tables that are there, said to have been "loaned" from another project granted by external agencies to Dr. Vinod Singh. Even simple auxiliary equipment is not available, and the university having funnelled a lot of money to this Centre or Institute (which is said to be of the order of 1 1/2 crore) is no more in a position to buy any other item for the Institute. Consumables are also not available.

The laboratory itself is on the third floor of the Women's Hostel building and this Committee (as everybody else) reached it via the fire escape, because the main entrance is denied to the lab. on the basis that it leads into the Women's Hostel.

7. The staff which was appointed since the middle of 1986, consisted of two professors (both theoretical physicist who had naturally limited knowledge of instrumentation), but one of them soon left to join the Physics Department. The one who remains, Prof. Bajpai is full of complaints about the facilities, and the management of the University and the Director, Prof. Bajpai could be the next Director! Another staff member is Dr. Vinod Singh who is a biochemist and faced with a dysfunctional situation at the Institute, applied and obtained external support for projects of his own. There are two young persons, Bajpai and Duncan, who are physicist and chemist respectively, and they are products of NEHU, well spoken of by persons in the science faculty. But they have been able to do no work in the Institute. Lastly there is another lecturer Nonkynrih who seems to be enthusiastic but inexperienced. The Zoologist, a NEHU alumna Dr. D. Roy was out of station. We also met Dr. Satish Kumar there.

8. Lastly Prof. R. K. Misra himself: from March 86 to Feb. 1989 he was the Vice-Chancellor and the best he could do was to use university's funds for buying some equipment. He has had differences with his staff right from the beginning, perhaps basically because he could neither give leadership nor provide the wherewithal for any research. Then, according to him, until August 1989 or so, there was doubt about his tenure as Director, and so he says he could not do much. With all the hostility around him and the dysfunctional laboratories, no wonder he expressed his sincere disappointment to the Committee and said his dream had failed. But his enthusiasm for the "idea" he wants to pursue is undiminished.

Scrutiny of Scientific Basis of the Initial Idea :

9. The idea itself was not initially scrutinized for its scientific basis, and only in general terms dealt with desirability of interdisciplinary research in certain areas such as self organising systems, biotechnology, ecology and even socio-economic systems. When the UCC (in an overall review of NEHU under Dr. Vidyal) sent a Committee consisting of Professors R. S. ... and Vishramit to the Centre in the middle of 1988, the Committee's opinion ran counter to the basic idea of Prof. Misra. The Committee said :

"According to Prof. Misra's "theory", which he is propagating for a long time, living matter is a "new" state of matter, (the so-called "living state"). He claims that with further development of this "theory", deeper insight could be obtained not only with regard to problems of aging, cancer, hypertension etc. but also similar phenomena in social dynamics such as money flows, weather control and problems of growth... ..If one has to accept uncritically these wide ranging speculations and vague generalisations, then there is no alternative but to agree with Prof. Misra that a set of mathematical equations would some day be able to explain not only biology but almost all human activities. Such cartesian (mechanistic) ideas about life and the world have long been discarded." This Podlar Committee "to make the best of a bad bargain", suggested some interim support for the younger academic staff. When a research proposal encompassing areas such as molecular and cellular immunology, immunodiagnostic, vaccine development etc. was submitted on behalf of the Centre in 1988, Prof. K.M. Madhyastha of the Indian Institute of Science Bangalore, expressed "hesitation" to take any decision in the matter because there was "absolutely no infrastructure to undertake a research project of this nature....."

The present Committee shares the views expressed in these evaluations. Indeed, the lack of integrating leadership which we find in the working of the Centre and which is evidenced by wide ranging hostility of reputable scientists in NKHU itself, stems from the unconvincing nature of the thrust, or the untranslatability of the vague ideas into scientific projects.

Lack of internal and external interaction :

10. Lack of initial planning, of appropriate infrastructure, and the nature of the staff recruited, has resulted in very little research done at the Centre. Infact, whatever research individual staff members are doing is on a "stand alone" basis, which is a carry over of their previous work. Interaction with colleagues in other schools of the University by way of interdisciplinary seminars, journal, clubs or discussions etc. is nonexistent. Neither the Institute nor the science departments of the University have benefitted from each others existence. Intake of scholars for research is very small and only one scholar is at present enrolled.

Recommendations :

11. a) About the Institute :

In the light of this situation it is pertinent to ask as to what will happen when shortly Prof.R.K.Misra, the "prime mover or the moving spirit" leaves. The Committee is of the view that the Institute has not been a viable proposition and the best course of action is to win it up, and adopt a more modest approach of setting up a Department of Biophysics, perhaps in the school of Life Science.

b) About the Staff :

Detailed discussions with the faculty of the Institute and of the other Departments lead us to make the following specific suggestion

i) The two Lecturers, Duncan and Bajpai are alumni of the NEHU and perhaps have accepted ability if they are transferred along with the posts to Departments of Chemistry, and Physics (or Centre of Science Education) respectively.

ii) Dr.Satish Kumar, a Reader, has joined only 3 weeks back and is on lieu from his previous post in another University. He can perhaps return to his University

iii) Dr.D.Roy (Zoologist, whom we could not meet since she was out of town) is from within NEHU and she could go back to the Department of Zoology with her post.

iv) Dr.Vinod Singh is a biochemist and he has attracted research support of external agencies. He could carry on his research activities, with his post, in the School of Life Sciences, to everyone's benefit.

v) Nongkynrih is a nuclear physicist from NEHU and she could go with her post either to the Department of Physics or the Centre of Science Education

vi) Prof.Bajpai could possibly join the school of Computer Sciences, with his post.

These are admittedly difficult decisions but the individuals as well as the University should realise that these adjustments would lead to the prospect of better performance compared to the frustrations which have prevailed.

c) About a possible Department of Biophysics :

The possible setting^{up} of the Department of Biophysics should be a "bottom up" approach. The NEHU faculty and Academic Council should consider the proposition and make a modest approach to set up such a Department in order that teaching and research in this interesting and exciting field can be undertaken. Such a Department would be complementary to other specializations already available at NEHU.

d) About equipment :

The equipment which has been obtained can be retained by the University because one or the other Department or researcher can make use of it. However, the most expensive piece of equipment namely the network analyser costing more than Rs. 12 lakhs if of little use to NEHU. We suggest the UGC should act as intermediary and donate this equipment to a Department in any University who could make the best use of it. This could be ascertained by circulating the particulars to likely users. When the network analyser is given away, the NEHU could be compensated by award of a suitable sum to buy what equipment they, or their future Department of Biophysics may need.

e) About Director :

This entire exercise of evaluating the background and the current state of affairs regarding the Institute of Self Organising Systems and Biophysics, and the conclusion to which the Committee has been driven, namely to close down the Institute, clearly implies that the Director would henceforth have no role. We believe that, as Prof. Misra frankly confessed to us, he would not hesitate to share moral responsibility for the prevailing circumstance and hence not rely on whatever legal position there may be with the University. He is past 65 years of age in any case, which is the limiting age for faculty appointments.

f) About assisting NEHU to straighten out financial matters :

The Committee would also like to make one more suggestion to the UGC. The fact that the UGC had asked the NEHU by its letter No.F.6-6(Misc)/85(CUP) of November/December 1985 to pay the approved expenditure for the Centre/Institute out of the overall allocation of the University, led on the one hand, to largely deprive the Science Departments of funds which were earmarked for them, and on the other, escalation of price and many other expenditures for the Centre ordered by the Vice-Chancellor to come out of the NEHU's sub-plan allocation, had made the NEHU almost dry of funds. Their administrative and financial staff don't seem to be in a position to straighten out the accounts and make claims on the UGC which may even be fully justified. In order to restore the balance and help the University, the UGC should send one or two experts to audit the accounts to sort out the expenditures on both sides. The Committee found the financial position of the Central University to be such that, to the best of our knowledge, over drafts are being presented to UGC perhaps on "an account" 8/-

payment of something like Rs.10 lakhs to the University may be considered by the UGC, if in the new budget year money has not already been sent to them.

Appreciation of assistance provided for the work of the Committee :

In the end the members of the Committee would like to express their appreciation of the friendly and frank discussions on the part of all concerned in the University, especially the Vice-Chancellor and Prof.R.K.Mishra. We are grateful to the MHC and the UGC for extending all facilities to the Committee. Dr.Kem of the UGC was most helpful.

D.P.Hira

5.8.6(10)

Annexure 'B'.

JOINT SECRETARY.

UNIVERSITY GRANTS COMMISSION
BAHADURSHAR ZAFAR MARG
NEW DELHI - 110 002.

D.O.No.F.PA/JS(NEU)/90

June 18, 1990.

Dear Professor Iqbal Narain,

The University Grants Commission has appointed an Expert Committee for appraisal of the Institute/Centre of self organising systems and Biophysics at North Eastern Hill University. A copy of the report of the Committee is enclosed. The Commission after considering this report took the following decision :-

"The Commission generally accepted the report of the Expert Committee and desired that the comments of the University may be invited on the recommendations made by the Committee particularly regarding transfer of equipments and staff and starting of a Department of Biophysics. The Centre of Self-Organising System at NEHU in the present form may be closed, after the tenure of the present Director expires and preparations in that directions should proceed. There is no intention of reducing the overall activity at NEHU."

This is to request you kindly to take further action at your end, and send us necessary comments of the University.

With regards,

yours sincerely,

Sd/-

(D.P.Hira.)

Professor Iqbal Narain,
Vice-Chancellor,
North Eastern Hill University,
Shillong - 793001.

5:8:6(11)

NORTH - EASTERN HILL UNIVERSITY
Lower Lachumiere, Shillong-I,
Meghalaya.

Iqbal Narain
Vice-Chancellor.

Annexure 3!
TOP CONFIDENTIAL.

DO.No.NEHU/VCF 14-1/90-1578
July 16, 1990.

Dear Prof. Yash Ball:

I hope the letter finds you in the best of health and disposition. I am writing this letter to you in response to Confidential DO.No.F.PA/JS(MFE)90 dated June 18, 1990 through which the report of the Rais Ahmed Committee and the decision of the UGC on it have been conveyed to me. I shall place the report in the next meeting of the Academic Council and the Executive Council and let you have their comments also. In the meantime, I shall be helped if the response to this letter also reaches me so that I can convey it, on your behalf, to the Academic Council as also the Executive Council.

1. I have shared the report so far with Prof.A.G.Michael, the Pro Vice-Chancellor and Mr H.W.T.Syiem, the Officer-on-Special-Duty. Both of them thought that I should share the report with Dr.R.K.Nishra, the present Director of the Institute of Self-Organising Systems and Bio-Physics also, and get his reactions. I have done so and his reactions are being enclosed with this letter.

2. Let me first begin with my own response to the report. I am not competent to examine the technical aspects of the report as this is not my field. I have, however, a general request to make to you and it is that the UGC may kindly give the University another chance to make amends for the faults that might have been there in the Institute at NEHU so that I may also have the satisfaction that I tried my bit towards remedying the situation, though I do not know with what success I would be in a position to handle it. The UGC may again appoint a committee after a couple of years to review the situation and if it reaches the same conclusion then it may recommend the winding up of the Institute and I will not mind it doing so.

3. It has been kind of the UGC to have permitted the continuance of the Institute till Dr.R.K.Nishra retires. After his retirement, much of the future would depend on the Director of the Institute and I shall try my best to have the best available person to be at the helm of affairs. A search committee would help me in the matter. Dr.C.H.Tee who is the Chancellor of the University may be requested to help with such committee 2/-...

5:8:6(12)

around with other scientists.

4. The Committee has recommended that the various persons serving in the Institute should be transferred with their posts to other departments. I do not know whether it can easily be done. There are some persons in the Institute who may not be taken in any department even when they carry their own posts with them and, so much, it may be difficult for me to bring out the distribution as suggested by the UGC, though I shall make an effort in the direction if the UGC is not in a position to accept my request for giving the University a second chance to improve the working of the Institute.

5. I understand that the Chief Minister of Meghalaya as also the Governor want the continuance of the Institute as well. They might have written to you already in the matter.

6. The public opinion is already whipped in favour of the continuance of the Institute. A few days ago there was a writeup in the Meghalaya Guardian which read as follows :

Move to shift institute opposed

By a Staff Reporter.

SHELLONG, JULY 7: The Chief Minister of Meghalaya, Mr Brington Tshai Lyngdoh had written to the Chairman of the University Grants Commission (UGC) Prof. Yash Pal and the Minister of State for Human Resources and Development, Mr Chimanbhai Mehta asking them not to abolish the Institute of Self Organising Systems and Bio-Physics of the North Eastern Hill University (NEHU) the institute is located in the Physics Department at the Moyurbhanj Complex in Laitumkhrah.

It is learnt the members of the Research Scholars Welfare Association (RSWA) have vehemently opposed the idea of abolishing this vital institute, which has been beneficial for research scholars, particularly to those from the North-East.

The opposition by the RSWA erupted because it is learnt that there was a move by the NEHU authorities to close the institute. The RSWA, in an

ultimatum given recently to the Vice-Chancellor;

Mr. Iqbal Narain, has made it clear that this Institute should not be abolished.

The ISCS owns Scientific equipment worth over Rs. 1 crore. The most valuable computer is the Network Analyser which is used for analysing electrical properties. This computer was specially imported from the USA. Other computers are, the Popp's Machine or Low Level Photon Counter, Photo Imaging Acquisition System (FEAS) and the Photo Aquastic Spectrum (PAS).

It is also learnt that a team of experts from the UGC had come to inspect the institute recently, and their report was awaited.

The Director of ISCS Dr. R.K. Mishra is learnt to have said that the Institute was at the last stage of completion except for some more financial assistance from the UGC.

Dr. Mishra also said that the institute has particularly served the tribal research scholars of the North Eastern Region since its inception.

The ISCS is one of the rarest institutes in the world. With five other countries having comparable aims and facilities.

7. As I wrote at the outset of this letter, I had shared the report with Dr. R.K. Mishra. His response had been two-fold. First, he has given to me an alternative plan of action (see for details enclosure I to this letter). Secondly, he has given to me a reaction to the report which, perhaps, he has already forwarded to you in the form of a letter (see for details enclosure II to this letter).

I would once again reiterate my request in the end that if the UGC would very kindly give another chance with enough money to rectify the faults of the Institute, the University will be willing to undertake the difficult task. Otherwise we would do our best to follow whatever the ultimate decision of the UGC is in the matter.

With kind regards and best wishes,

Yours sincerely,

Sd/-Iqbal Narain

Prof. Yash Pal,
Chairman,
University Grants Commission,
New Delhi 110 002.
Enclosure;

Copy to PVC and OSD for information.

ANNEXURE-'D'(I)

In order meet the observations of the Visiting Committee of the U.G.C. within the general context of NE, the following alternative is proposed:

Name : Institute for General Systems Dynamics

It defines the field more accurately, both in living and non-living systems. The word School/Department perhaps excludes a major section of the objectives with which the present institution was approved by U.G.C and funded. A similar but broader school is in existence in JNU (School for System Sciences and Computer Sciences). Ludwig Bertalanffy's Lab in Germany and Gaiter Memorial in U.C Berkeley (The most comprehensive book on the subject is written by Late E. Jantsch issued from Gaiter Lectures).

Area of study The Institute would start with bottom-up approach for the study of this subject and would thus study first more covered accessible and managable systems, to be followed on by more by the involved ones. Thus earliest studies will be on affect of:

- Institutions
1. Metabolic and mechanical energy dissipation on creation of phonons in ordered compounds of the body and generation of photons and excited states.
 2. Measuring of fields in living systems and photon emission.
 3. Study of energy propagation and its hierarchy in living systems (for example, generation, propagation and effects solitonic propagation).

Institute is almost fully equipped for these purposes. Later study of economics and social systems may be made by cooperation of experts in these areas acting as Associates.

- Structure:
1. Same as present autonomous Institute, replacing mutatis mutandis "Self organisation" in existing Ordinance of the ISCSB.
 2. Several persons suitable for Director's post exist. Alternatively initiation may be made by having a foreign expert for a 2 or 3 years term only, to stabilise the Institute, or a Scientist Administrator may be appointed in

Contd/.. /-

place of the Director (Dr Sheldrake was in Hyderabad for Arid Zones Research and Mollusc in Nutrition Research Lab. Koncer).

3. To reduce capital and running cost, the proposed biotechnology laboratory should be in School of Life Sciences and form part of a consortium of Bio-Chemistry, Animal and Plant Tissue Culture and Genetics. Similarly the present Professor Bajpai will be several times more effective if he is in the Computer Centre.
4. Equipment and expertise in the Institute to be made available to all workers of NEHU, NE or elsewhere.
5. Vigorous Associate Exchange Programme
6. Liaison with active and cognate centres in India.
7. Ordinance on Adjunct Professors to be utilised for maximising the work of teachers in the Institute. These to be chosen in consultation with the V.C, the Director, and the Head of Adjunctive Department. The Director will bring up the cases where such action will improve the functioning of the Institute to attain its objective of generating efficient manpower in this field.
8. Comments of the Visiting Committee on financial matters may be adopted. It is understood that about 15 lakhs will be needed to bring the infrastructure of Institute to fully functional level. For the rest of VIIIth Plan the Institute be treated for maintenance, routine salaries and expenditure as an Institute or School of similar size of personnel and equipment.

Conclusion: The above offers an alternative but also recognised the merit of the Report of the Visiting Committee and enables, perhaps more smoothly, the full realisation of its objective and encourages the potential, objectives, use of equipments and utility of the personnel. It adopts the recommendations of the Committee, avoids legal possibilities and takes cognisance of the sentiments of the North and is still within four corners of the Statutes and Ordinance of the NEHU.

Usual topics included in the text-books on this subject are: Autopoiesis, evolutionary feedback, ecological niches, Gaia System. Organisation of celestial bodies, biochemical and

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biospherical co-evolution, Microevolution of Life, Sociocultural evolution, communication, development of language, morphogenesis
Time and space binding in structures, ethics, morality, management, creative process, prediction of monsoon, long range weather forecasting, optimality of design, stability and imperfections in city planning, revolution, argameddon and war.

Annexure 'D'(II)

In spite of the eminence of the scientists of the team in their respective branches, you could not perhaps agree to my request to include an experienced worker in Self-Organising Systems - say Prof. R.P. Bastogi or R.C. Shrivastava or K. Subba Rao to name a few.

In the inspection day- already curtailed from 2 to 1. most of the day dragged on in other Departments and Schools, even though it was to be a social visit there (to begin with for pre-lunch only) Since I was not asked to respond to criticism raised some untrue premises were left in the mind of the Committee :-

- (i) Dr. B.D. Sharma, former Vice-Chancellor asked suggestions from me in 1984. (I joined as Vice-Chancellor in March 1, 1986). 1985 proposal was formally mooted. Proposal was very extensive It was a copy of one given to Prof. Abad Ahmad andn comprised of some 60 pages, of this 15 pages were summary details. Prof. Rais Ahmad wanted only the objective. Even on my saying that I could get the 15 pages xeroxed, he insisted he only needed the objective of the Institute. The objective constituted a fraction of Gaiter lecturers of the University California, Berkeley- those which I considered practicable. If

contd ...2/..

300 words were supplied - well those are the words he demanded and no more. The Verma Committee was no smaller than the present one, and gave no half day to explain. The Report was placed in next Committee of the Commission - scheduled routinely - so was this one. None of the meetings were called emergently to create/abolish the Institute. Dr. B.D.Sharma was specifically asked at the instance of the Chairperson to call it first charge of 7th plan. This he did in one and a half page letter. Following this staff and equipment were approved. The Commission in 277th meeting gave 100% approval adding that quantum and phasing if necessary be discussed with Dr. R.K.Mishra of IIMS. Advisory Council and Executive Council of NEHU approved the proposal of Institute/Advance Centre. How can then be a charge of diversion of money ? The contract was drafted by the Officer-on Special - Duty, and signed by him as per law in November 1985 - approved by Executive Council in December 1985. I was offered Vice-Chancellorship on 17th February, 1986. My predecessor in a letter of 18th Feb. 1986 specifically asked me to hold only Vice-Chancellorship and keep Directorship in abeyance. I joined both on 1st March, 1986 F/N, but as desired by Dr. B.D.Sharma, from whom I took over charge, NO NOTIFICATION AS DIRECTOR OF SOSB was issued until 24th Nov.1989. Prof. Bajpai was looking after the SOSB and even now he is acting totally independently of me in recommending foreign visits with payments, extension of leave, denial of Jeep, direct annual reports, admitting students to Ph.D and M.Phil and leading a request to the Executive Council in 1989 that I be dismissed.

Perhaps the Committee were not informed about this, hence the comments regarding the Director.

(ii) About the value of my ideas the fact that Professor Prigogine and George Wald, both agreed to be on my Advisory Committee and my being a member of organizing group of this subject in Oxford, Temple University (Penn) Kaiserslautern (Germany), Meninger Foundation ISSEEM (USA) and Professorial promotion Board in Univ. California San Francisco, in editorial board of two journals (Academic press & Kluwer) 3 international conferences on the subject, 7 anthologies and books, some 160 papers Diploma Award from MIT - Consejo Cultural Mundial, Albert Einstein World Award in Science. D.Sc (Humboldt, Berlin, in Self Organising Systems) at least weekly speak of my credentials. I have not only done these, but also supervised the fabrication of new equipments

(Mossbauer Spectrometer - one year of M's Nobel Award, PTA, IR spectrometer for PIM water in tissues in early 1960's. MHD Cardiac Pump, Miniature Artificial Kidney, dielectric manography for breast cancer and methods like Tomography by Global Optimisation method, Plasma Oscillation in Biologic Materials. Kanao andran announced in Hyderabad as founder of Quantum Biology in the country. The first even unit of BioMedical Engg, was in my Department in the Country, The equations presented to the Committee are Seninal Equations- a three wave boson interactions - never before used in biology. Brian Josephson wrote to me last week that this is the best way to explain biophoton emission. The equipments are there for this purpose- and of course other uses. Why would there be equipment, if I am only relying on mathematics ?

I wish the Committee has asked me some clarification before penning the comments against the Director. I was never asked to give a full length talk.

(iii) The Institute is at take off stage. It can be fully functioning in 4 months if some money is provided. If it has to be scattered after four months of Directorship, perhaps Mr J would on the same ground qualify for disbanding since Campus inspite of heavy investment has not come on in 14 years. And so would, many departments which did not publish a single paper in four initial years of their existence.

(iv) If it was a question of taking all equipments to Delhi at SCDU or JNU or Jamia, I could understand it but I cannot understand killing it all together. Biophysics Departments are not everywhere in 180 Universities. They are just a handful and this University can do without them. Besides deptts. have to be, by statutes, attached to schools. Attachment to Life Sciences, would mean no Physics entrants and no biologist if in physics. That would finish Bio-Physics.

(v) The space was earmarked for none- it was a terrace of girls hostel and Dr. Shastri (Physics), Dr. Verma (Chemistry), took me to it, declining use of their own space.

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No crates were kept in E.C.'s bungalow

(vi) Work done and equipments unused.

- a) Stabilised power supply after heroic pleadings came in Oct. 1988 (No Electricity)
- b) The Administration had standard reply for requests- no money for "Bio-Physics"- not even for maintenance contracts- in the entire 1989-1990. (NO Money)
- c) Inspite of E.C. resolutions in January, February, 1989, my Directorship was notified on 24th Nov.1989. (No authority)

Above are self explanatory

Lastly

My family, my welwishers, my friends keep on asking :
"Why are you here ? If you are not wanted just go, or finish your tenure and go. There is 17 member group in Delhi. They would outdo NEHU in few months". I wish anguish of the heart of a creative scientist is even vaguely understood. To me this institution means more a plague on a building- it means my best thought. It is my "Godan" for this country. Howsoever insignificant if proper faculty adjustment is made, and small money, it will attract workers from all over India. I could have understood its movement, to say Delhi, but I cannot its dismemberment.

REPLY TO THE COMMENTS RAISED IN THE REPORT OF THE
U.G.C. COMMITTEE ON I.S.O.S.B. ANNEXURE-'E'

After the appointment of the new Director, (Prof.K.P.Sinha of the I.I.Sc, Bangalore, who joined on July 1, 1991), the above report was studied by Professors K.P.Sinha and R.P.Bajpai. In what follows the reply to various points are given below :-

The Committee has raised many questions and came to some conclusions which appear to ^{be} hasty and not based on verified facts. They have relied on the verbal statements of some members with whom they discussed in confidence (of page 1 of their report). In this connection, it should be pointed out that there is no governing council of the Institute. So far the Institute is a part of NBHU, whose Executive Council oversees various administrative matters. Prof.U.N.Singh and Prof.Karmeshu are the members of the Institute Board which is a body similar to the School Board of NBHU.

Pointwise reply :-

1. The proposal to start the Institute was debated in many Academic Council meetings of NBHU extending over months. It was proposed to be set up as an open ended research institute where interdisciplinary work will be carried out. It was not a mission oriented program confined to a narrow object of finding out a new state of matter. It is well known that wherever and whenever a new institute is started (however small) it involves substantial input of resources, manpower and facilities. For the fruition of some of the projects a gestation period is involved and this Institute could not be an exception. From the inception, it was envisaged that the Institute will have a core staff and associates members drawn from other departments and institutions elsewhere in India. It may even have visiting scientists from abroad and run conferences, workshops, symposia etc. on appropriate futuristic topics. All these points were incorporated in the first ordinance issued by the Vice-Chancellor (with the concurrence of the Visitor) of NBHU.

2. It is unfortunate that no provision was made by way of recurring academic expenditure for running and maintenance of the equipments. Further, NBHU did not provide infrastructural and laboratory furniture for various activities. Owing to this, the equipment money remained tied up and did not produce desired results.

3. This point does not warrant any comment now in view of the changed situation.

4. This point involves the main reason of discontent of the other science faculty members of NEHU. Often the U.G.C permits the utilisation of general fund resources for specific purposes. Such things happen in other Universities/Organisations, where also a new Institute/Centre has to be initially nourished otherwise the new baby will die owing to lack of nourishment.

5. The defects pointed out are the teething trouble of many new departments. Of course, it is desirable to anticipate problems and plan beforehand. It is a patent fact that building laboratories in India is beset with all kinds of difficulties. One does not achieve the same result in time as done in USA and other countries. The Institute is housed at the top of the Women's Hostel and the University science departments were supposed to move to the permanent NEHU campus. Thus various construction activities in the form of stopgap arrangements were not encouraged. Thus the charge that the Institute has taken away the space earmarked for science faculty does not hold good.

6. Concerning this point, we are taking steps to make various instruments functional, acquiring various components and developing infrastructure. For this, the Institute has been consistently requesting NEHU authorities for finances right from Sept. 1986.

We shall project our requirements in a proposal to the U.G.C. It is true that the fire escape cannot be a proper entry to the Institute. It is risky and dangerous. It is also not desirable that the Women's Hostel and the Institute should Co-exist. The obvious solution is either to shift the Institute or the Women's Hostel or both to separate building in the main NEHU campus. It is further pointed out that Prof.R.K.Misra, as Vice-Chancellor, tried his best to shift the Women's Hostel (their building being completed in 1988) but did not succeed.

7. The Committee missed that a Professor (A.M.Dwivedi) with expertise in experimentation joined in August, 1986 but left after a year - under unpleasant circumstances. This caused delay in setting up equipments. After his departure other faculty members took up the challenge to get the major instruments installed and made functional. As noted above, this will be achieved after appropriate funds.

The existing staff is as good as anywhere else and in due course results will be forthcoming. Already, some good papers are published in new fields, which were undertaken in the new areas.

8. This point requires a psychological amplification. The hostility towards Prof.R.K.Misra in the capacity as Vice-Chancellor, got manifested against him, when he became full time Director of the Institute.

9. The idea of starting the Institute is based on sound foundations. We do not agree that any interdisciplinary research Institute with appended goals should not be started. Such Institute are being started all over the world. Although the staff might not have agreed with the pet hypothesis of Prof.Misra, they pursued valid scientific research work.

In the changed and enlarged context, we strongly feel that the Institute should continue. In fact, future lies in such institutions, and it is desirable to have one in North-Eastern region of India. It is improper to charge that other NEHU scientists are hostile to the Institute owing to the vagueness of the ideas and projects envisaged by Prof.R.K.Misra. The hostility arose from other factors mentioned earlier.

10. This is not true. There have been informal contacts with academic staff of other Departments of NEHU. This interaction will grow further with the acquisition of relevant facilities. Further, the faculty has offered courses in other science departments. This will continue. The Institute plans to offer futuristic courses in anticipated emerging areas. The number of research scholars has gone up and in due courses, it will come up to a reasonable level. But we do not want to make it too large.

About the recommendation of the Committee :-

By appointing a new Director (Prof.K.P.Sinha), the complexion of the Institute has changed. Thus the U.G.C and NEHU have decided to continue the Institute whose scope is now enlarged and it will progress in newer directions.

It is proposed to change the name to "Institute of Fundamental Research" whose thrust will change from time to time. It will pursue researches in interdisciplinary areas embracing various branches of physical, biological and social sciences. It will not duplicate the activities of the traditional departments. The current thrust will be on complex systems, both living and non-living.

5:8:6(24)

Yash Pal
Chairman.

UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI - 110 002.

ANNEXURE - "F"

D.O. No. F.6-5/90(CM)

July 24, 1990.

Dear Dr. Iqbal Namin,

I have your letter. The report of the Committee was presented to the whole Commission and the decision of the Commission was communicated to you., I am not in a position to alter this decision on my own even if I so desired.

Having said this I would also like to point out that the Commission or I do not want to penalise the University. We want to help it. Some suggestions have been made by the review committee - however the University can suggest its own alternatives. If the University can meaningfully use all the equipment, it has received under the programme, we would not like to move it. However, if some of the equipment can be used by others, and the University does not need it, the Commission would find a way of compensating the University. Please tell the Chief Minister and the Governor that moving things away from NLU has never been the intention. The intention is to ensure that first-rate work develops in the University. The name of the Centre as it exists is not important. Something else can replace it, if it is properly argued. As the Committee says, and the Commission concurs, its rationale and work have not created a first-rate cohesive group. Let there be a restructuring. The resources would be forthcoming for anything worthwhile grown through a group proposal.

There are many occasions when restarting is better. This seems to be one.

I have seen Dr. Mishra's suggestion. I have no problem if an "Institute for General Systems Dynamics" replaces the present institute. A special committee can be appointed, involving Dr.C.N.R.Rao and others to define somewhat better and more realistically what this institute would do. Much would depend on finding an appropriate leader. It will need to develop a personality, based on the work of the people who gather. It should not put down grandiose, all encompassing objectives. It should start activities in one or two areas and then build up. I am not in favour of starting with a foreigner.

The question of autonomy can be discussed in the framework of the guidelines recently sent to you, for departments, centres etc.

Prof. Iqbal Namin,
V.C. NLU, Jhansi.

Yours sincerely
Sd/-
(Yash Pal)

DO.No.NRHU/VCF 14-1/90-1839
August 27, 1990.

Dear Prof. Yash Dal,

Many thanks for your DO.No.F.6-5/90(M) dated July 24, 1990. I had sent copies of your letter to the Governor and the Chief Minister as desired by you. I have also sent to them copies of the UGC Committee Report on the Institute of Self-Organising System and Bio-Physics (ISOSB) as suggested by you in one of our later meetings.

Just for my clarification, I have to write the following and would look forward to having your reactions at an early date:

1. The ISOSB will continue as it is till the contract of Dr.R.K.Mishra expires. In the meantime, I would consult the people in the University particularly the Executive Council for their opinion about its abolition.
2. I have been seeking advice from different quarters about a substitute which may replace the present Institute. One of the suggestions that I have received is that it may then take up studies of theories and experimentation of hierarchical dynamics. I do not understand much of science and, therefore, your particular advice in the matter is solicited.
3. I may draw the first Ordinance for the purpose of the functional autonomy of the Institute to enable it to undertake quality academic work only after the tenure of Dr.Mishra, Director, is over.
4. The new Director of the Institute, after Dr Mishra is not with us, may examine whether it is worthwhile to continue with the present categorisation of subjects in ISOSB in terms of Bio-Physics, Biotechnology, human biology and so on or he would like to reframe it in any manner. Reframing may also become necessary if the Institute is to be called by any other name like the

Institute for General Systems Dynamics as suggested above.

5. As far as I can think, the structure and nature of the Institute will assume the form of ICTP (Trieste) type as is specified by the 1985 Generating Committee. The implication is that it will have a small faculty with a ring around it of robust exchange of personnel and institutional collaboration. Your ideas in this regard are also solicited.

6. As suggested by you, there may not be subcentres until the Institute has sufficient amount and maturity of work to its credit. In the meantime, collaboration in regard to research work may be encouraged with other centres on equal footing in terms of mutual exchange of personnel etc. We may think also in terms of temporal loaning of some of the equipments in the interest of academic progress as per general policy of the UGC subject to its clearance by the Executive Council of the University.

7. As far as the transfer of equipment to other units is concerned, the matter may have to be placed by the Vice-Chancellor before the Executive Council and he may go according to its advice. If it does decide to transfer some equipments to any other units outside the University, it may be desirable that the cost of the transferred equipments will be reimbursed by the UGC to the University. This you have already very kindly agreed.

The Vice-Chancellor may take similar decision with regard to books in consultation with the Executive Council.

8. I agree with your suggestion that a High Power Committee for the selection of a Director to be appointed as a search Committee with Prof. C.N.R. Rao, Chancellor of the University, as its Chairman. He would also be representing Chemistry and will also look after instrumentalist dimensions. I may very kindly agree to join the Committee.

as a Physicist. There can be other members like Dr.R.P.Pastogi, Vice-Chancellor, Banaras Hindu University (Chemistry), Dr.Sharat Chandra, Director, CCMB (Biology), Dr.C.G. Gopaln, FRS, former DG, ICMB (Medicine), Dr.Bhamba, Vice-Chancellor, Punjab University (Mathematics) and Dr.B.C.G.Sudershan, Texas, Director (Particle Physics Group) and so on. I may be there as Member Secretary of the Committee.

I have given just a tentative list of members which can be modified with suggestions from Prof.C.N.R.Pao and you.

What will be important for the Committee to consider the names of the present members of the faculty of the Institute along with outsiders for appointment as Director. In regard to the present faculty members, if you kindly agree we may ask them if they would like to be considered for the directorship of the Institute by the Search Committee. If so, they may send their biodata.

9. I would like to have your advice about filling the post of Reader/Professor which is vacant presently in the Institute. Should we advertise it immediately and fill it or should we wait till the reorganization of the Institute takes place ?

10. I would like to emphasize that as far as funds of the Institute are concerned, there are funds which have been approved by the UGC but not released to NEHU in the Seventh Plan and first year of the Sub-plan of the VIII Five Year Plan. This may kindly be released at an early date.

The University will be submitting its plans for the VIII Five Year Plan of the Institute which may be considered and the money given to us accordingly.

/-.....

5:8:6(28)

These are some of the suggestions which I am inclined to take up for the implementation of the report of the UGC in two years' time which you have very kindly perhaps permitted me to reorganise the Institute before the UGC takes a final decision about its continuance or not.

An early reply in this regard shall oblige before I place the suggestions in this letter for consideration of the relevant bodies in the University.

With kind regards and best wishes,

yours sincerely,

Sd/-

(Iqbal Narain)

Prof. Yash Pal,
Chairman,
University Grants Commission,
New Delhi 110 002.

Copy to:
Dr. R. K. Mishra, Director, IGOSB, (Bijni Complex, /
NEHU for information.

DO.No.F.6-5/90(CM)

September 10, 1990.

Dear Dr. Iqbal Narain,

Thank you for your letter.

I think the first thing is to find a new person. Everything else should be done in discussion with him. In place of me I would suggest the name of Dr. Virendra Singh, Director, TIFR as a member of the Committee, but this is, of course, for you to decide. Even the name of the Institute and its function should evolve. Basically what we are looking for is something related to Biophysics, but with larger interests.

I do not think it would be proper straightaway to say that the Institute will be like ICTP. Such institutes are inter-university affairs which are being set up now as registered societies and called inter-universities centres. This institute being an institute of the University cannot have that status. ICTP is an independent organisation founded by various UN agencies. It can even give grants. This particular aspect cannot be incorporated in the Institute within the University. As far as UGC is concerned it cannot give a special status only to an idea. With the Review Committee and the Commission's decision, lot of loose thinking, while setting up of the earlier institute, must be left behind.

I do not want to repeat what I have already said in regard to the equipment. I suggest that sufficient advance action should be taken so that the new department/institute starts functioning by February next.

What is required for sustaining the staff and marginal operation activities of the "Institute", can be projected and discussed with the Vice-Chairman, UGC for resource release. However, no major expenditure based on original plans should be incurred.

5:8:6(30)

It is clear from all the discussions which have taken place, including the report of the Review Committee and following UGC consideration that this Institute in its present form and its present mandate cannot continue beyond February next year. However, as already mentioned, it can be reorganised in the form of a department/centre/institute in accordance with the discussions which have gone on and may happen with Dr.C.N.R.Rao and others.

With regards,

yours sincerely,

Sd/-

(Yash Pal).

Prof. Iqbal Narain
Vice-Chancellor
North Eastern Hill University
Shillong.

Coaching Centres for SC/ST:

The University Grants Commission vide its D.O. letter dated 5-6-91 intimated the recommendations of the UGC Sub-Committee on SC/ST as follows :-

- (a) Hostel rent may not be collected from the students belonging to SC/ST and be adjusted against the grants paid by the respective agencies;
- (b) Quota prescribed by the concerned Central/State Government may be adhered to for purposes of admission of SC/ST candidates to all high, specialised courses and technical and training courses;
- (c) Coaching Centres may be established by the concerned State/Central Govt., Universities/institutions for coaching of SC/ST, wherever they do not exist.

The University was advised to approach the Govt. of India Ministry of Home Affairs for financial assistance under the Scheme of teaching facility for SC/ST appearing in the various competitive examinations. The University Grants Commission desired that a decision may be implemented by the University and a report on the action taken be sent to the Commission. The letter of the University Grants Commission may be seen at Annexure 'A'.

The UGC also forwarded a copy of the D.O. Letter No. BC-11019/39/81-SC & BCD - I of 5 June 1991 of the Ministry of Home Affairs, Govt. of India, which may be seen at Annexure 'B'. The letter indicated that a decision had been taken to involve the University in the task of preparing SC/ST Candidates for the various competitive examinations and that the entire expenditure on providing nucleus supervisory/Administrative/Hostel/Library-Staff/Part time allowances to the tutors/Publicity/Maintenance allowances for the trainees will be borne by the Ministry of Home Affairs. The details of the faculty positions, both full time and part time tutors and Guest Lecturers, stipend to trainees and the number of positions for supporting Staff are also given in the letter of the Ministry of Home Affairs. The terms and conditions of grant are also enclosed with the letter.

The Pre-Examination Training Centre is at present functioning in the University Campus with the Dean, School of Social Sciences as the Academic Director of the Centre. But the facilities indicated in the letter of the Govt. of India are similar to those facilities available in the Centre. A Comparative statement may be seen at Annexure 'C'. The PETC at present is receiving some fund from the Govt. of India through the Govt. of Meghalaya and the Staff are agitating as they are claimed neither by the Govt. of Meghalaya nor NEHU. It may be considered whether the PETC may be completely taken over by the University and the Ministry of Home Affairs may be approached directly for funds that may be available under the Scheme.

B.N.Srivastava
Director
Tele.No. 381643

Government of India.
Ministry of Home Affairs
Rastri Bhavan, New Delhi-110001
dated the 19th November, 1981.

Dear Shri,

Kindly refer to Shri F.S.Krishnan's earlier semi-official letter of even number dated the 29th May, 1981 regarding provision of coaching facilities for Scheduled Caste and Scheduled Tribe candidates appearing in the various competitive examinations.

2. We have not so far heard anything from you. It would be worthwhile mentioning here that the proposals received from the undermentioned universities for preparing SC/ST candidates for the courses mentioned against each were received, ~~xxxxx~~ examined and the sanctions releasing funds etc. are under various stages of issue :

- | | |
|--|---|
| (a) Kurukshetra University,
Kurukshetra (Haryana) | - For Indian Administrative
(New Civil) Services
Examination. |
| (b) Marathwada University,
Aurangabad (Maharashtra) | - do - |
| (c) Jammu University
Jammu (J. & K.) | - (a) - do - |
| (d) Mysore University
Mysore (Karnataka) | - For Banking Services
Examinations. |

Similar proposals for many other Universities have been received and are at various stages of scrutiny.

3. The decision to involve the Universities in this dignatic task of preparing SC/ST candidates for the various competitive examinations has been taken keeping in view the fact that they have already available with them the necessary infra-structure, like buildings, competent teaching staff, furniture, library facilities etc. We shall, however, be meeting entire expenditure on providing nucleus supervisory/administrative/hostel/library staff/part time allowance to the tutors/publicity/maintenance allowance for the trainees etc. as briefly stated in Annexure I to this letter. The terms and conditions on which the grant-in-aid is to be given to the University is also briefly stated in Annexure-II to this letter.

(Contd.P-2.)

5:8:7(3)

UNIVERSITY GRANTS COMMISSION
35, Feroze Shah, New Delhi
(Pin: 110 0001)

Annexure-13/

Dr S.P.Gupta,
Additional Secretary.

D.O.NO.F.1-3/89(SCT)

5th, June, 1991.

Dear Sir,

The Committee on Prevention of Atrocities on Scheduled Castes and Scheduled Tribes consisting of the SC/ST members of Parliament constituted under the direction of the Prime Minister had made the following recommendations/suggestions at its meeting held on 26th October, 1998 :-

- (i) Education is very crucial to the development of SCs/STs. Education for them, therefore should be compulsory, free, residential and till the completion of the graduation.
- (ii) The share of SC/ST candidates in all higher and specialised courses should be substantial.
- (iii) The share of SC/ST candidates in higher technical training should be substantial.
- (iv) SC/ST candidates should be coached/trained and encouraged to enter All India and higher Judicial Services in adequate measures.

The above recommendations were considered by the University Grants Commission with the help of a Sub-Committee of UGC on Scheduled Castes and Scheduled Tribes, which recommended as under :-

- (a) Hostel rent may not be collected from the students belonging to SC/ST and be adjusted against the grants paid by the respective agencies;
- (b) Quota prescribed by the concerned Central/State Government may be adhered to for purposes of admission of SC/ST candidates to all higher, specialised courses and technical and training courses;
- (c) Coaching centres may be established by the concerned State/Central Govt., Universities/institutions for coaching of SC/ST, wherever they do not exist.

(F.T.O)

The Universities/Institutions are advised to approach the Govt. of India, Ministry of Home Affairs, New Delhi - 110 001 for financial assistance under the scheme of coaching facilities for SC/ST appearing in the various competitive examinations. A copy of GOI, Ministry of Home Affairs d.o.No.BC-11010/39/81-DC & BCD-I dated 19th November, 1981 is enclosed for ready reference.

I shall be grateful if the decisions referred to above, are implemented by the University and action taken report sent to the Commission at an early date.

With regards,

Yours sincerely,
Sd/- (S.P. Gupta)

Prof. Iqbal Narain,
Vice-Chancellor,
North Eastern Hill University,
Shillong - 793 001

- b) The families, 2 members of which have already, received coaching under the coaching and Allied Scheme instituted by this Ministry.
- c) The candidate who have once received coaching in any Pre-examination Training Centre established by the Ministry.

The implications of the means test at (a) above, are, however, explained as under:-

- i) If a married candidate lives separately from his parents/guardians and thus maintain his own distinct family, he being the head of his family is not required to include the income of his parents/guardians in the Income Certificate to be submitted by him for admission for coaching under the Scheme; and
- ii) a non-earning married/unmarried candidate who is dependent on his parents/guardians and is living with them should, however, submit the Income Certificate of his parents/guardians.

10. The University shall admit one candidate from each of the categories mentioned below:-

- a) The candidate who does not belong to Scheduled Caste but whose parents/guardians are employed as Sweepers and Scavengers,
- b) The candidate who belongs to Denotified/Nomadic/Semi-nomadic communities, and
- c) the candidate who belong to Non Budhists

The admission of candidates from the categories above will be made in case they fulfil the eligibility conditions laid down by the recruiting authorities for the general candidates. In case no candidates of these categories is eligible or apply for admission the University shall treat the seats reserved for such candidates as dereserved and fillup from Scheduled Caste and Scheduled Tribe applicants.

11. The University shall obtain an "Undertaking" of from each of the admitted candidate duly attested by two responsible persons or Gazetted Officers that once he is admitted for coaching, he will not leave the course in between without assigning proper justification to the satisfaction of this Ministry otherwise he is liable to

refund back to the Government the entire expenditure on his coaching/boarding/lodging etc.

12. After the close of each financial year, the University shall agree to submit immediately the Utilisation Certificate and audited figures of expenditure duly certified by the registered chartered accountant comprising :-

- a) The receipt and Payment Account of the University in respect of the grant paid to them by this Ministry during a particular financial year.
- b) The Income and Expenditure Account for the year;
- c) The Balance sheet as at the end of the financial year ;
- d) A certificate to the effect that the University has not received grants for the same purpose from any other Ministry/Department of the Government; and
- e) Register of assets in Form G.F.R. 19 in respect of permanent and Semi-permanent assets acquired out of the grant, if any.

13. The accounts in so far as they relate to the Central grant for the proposed scheme will be subject to the text check by the Comptroller and Auditor General of India at this discretion.

14. The University will have no authority to dispose of any capital equipment for which grant-in-aid has been sanctioned to them without prior approval of the Government of India and in the event of the University dropping the scheme or being wound up, the ownership of such equipment and property, would vest in the Government. The assets acquired by the University out of the Central grant, should not be utilised for purpose other than those for which the grants are sanctioned. The University will also maintain audited record of all assets acquired wholly or substantially out of the Government grants (the term assets will mean (i) Immovable property and (ii) movable property of a capital nature where the value exceeds Rs. 250/-)

15. The University will have to sign a bond with two sureties in the name of the President of India as mentioned in the Govt. of India decision No. 5 under the Rule 149 (1) of the General Financial Rules.

.....4/-

16. The Government of India will be at liberty to stop giving any further assignment to the University in case they are satisfied that the scheme has failed to be a result-oriented. Therefore, the grant sanctioned to the University during the current financial year will be bind the Government in any manner to continue the scheme in future years.

17. In case the University propose to create nay regular post in the graded pay scale, such post will have to be created by it on their own strength and the Government will be meeting expenditure on pay and allowances of incumbent os such post during the operation of the scheme only and the expenditure on the provision of other ancilliary facilities like contributory fund etc. will have to be met by it out of their own funds. In case it is decided to wind up the scheme at a later stage, the liability of the staff in this regard will rest with the University and the Government will not accept any responsibility, what so ever it may be.

ANNEXURE - CCOMPARATIVE STATEMENT

<u>PETC</u>	<u>Non-Scheme</u>
<u>Recurring & Non Recurring</u>	
(a) <u>Teaching</u>	
Principal - 1 - Honorarium - 1000/-P.M. Director	1 Post - Honorarium 300/-P.M.
Academic Director- 1 - -do- - 500/-P.M.	NIL
Lecturers - -do- - 320/-each P.M. for national subjects and 240/- each P.M. for compulsory subjects.	Full time 2 tutors to teach English & Gen.Know- ledge. Part time tutors according to actual need on a fixed Part time salary of 200/- P.M. each for delivering 14-16 lectures P.M. of one hour duration.
Guest Lecturer - Honorarium - 1000/-	Eminent outside persons may be engaged to deliver fixed number of Lectures on payment of honorarium.
(B) <u>Non-Teaching</u>	
1) Section Officer - 1	S.O. - 1
2) UDA - 1	UDC - 1
3) LDA - 2	LDA - 1 cum typist
4) G.O. - 1	
5) Peon - 1	Peon - 2
6) Cleaner - 1	Warden - 1
7) Warden - 1	(Provided Hostel facilities exist)
8) Cook cum attendants - 3	Librarian - 1
9) Kitchen servant - 2	Class IV - 2
10) Chowkidar/Mate - 5	Provided facilities are avail- lable
11) Sweeper (Pt. time)- 1	
(C) Stipend paid as Boarding allowance to 25 trainees at Rs. 250/- per head P.M.	Stipend available at 125/- per head P.M.
(D) Medical facilities - Adhoc provi- sion available.	Provision to meet emergent expenditure on medical fa- cilities available
(E) Library - Books/Magazines/Newspaper	Provision for Text Books for Trainees available
(F) Contingencies - TA/Office expenses/ other charges	Provision for Electricity/ Charges Propaganda & Publicity
(G) Mock Interview - Honorarium to mem- bers of the Interview Board Rs.40/-each per sitting for 4 sittings.	NIL

5:8:7(9)

: 2 :

4. You are accordingly requested to formulate a proposal involving the least minimum expenditure indicating clearly the course (s) for which coaching facilities for such candidates in each course etc. and furnish the same for our consideration immediately. While submitting proposal, you may please give your consent that the University agrees to abide by these terms and conditions. The name of the Officer who is likely to be put in charge for the execution of the programme in the University may also please be intimated simultaneously. It may, however, be clarified that the grant-in-aid will be sanctioned by us in the name of the Registrar/Finance Officer of the University, as the case may be .

Yours sincerely,

Sd/-
(B.N. SRIVASTAVA)

As per list attached

No. BC11019/39-SC&BCDI V(1) dated 26th November, 1983

copy also forwarded for information to :-

The Secretary
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi - 110002

Sd/-
(B.N. SRIVASTAVA)

TERMS AND CONDITIONS OF GRANT.

1. The University shall adopt merit as the main criteria for selection of SC/ST candidates for coaching.
2. The University shall associate this Ministry through its representative in the selection of candidates and Managing Committee of the Centre and also allow the Officers of this Ministry to inspect the actual working of the scheme.
3. The University shall disburse the maintenance/loading charges to the candidate on month to month basis from the date of admission upto the duration of the course or upto the last date of his stay for appearing in the competitive examination for which he has been imparted coaching.
4. The University shall not disburse these charges to the employed ~~xxx~~ candidate unless they are on leave without pay. No such charges are also to be disbursed to such of the candidates as are already in receipt of stipend/scholarship under any other scheme of the Government.
5. The University shall not utilise the grant for any party, political or anti-Government propoganda. If it is found that this has been done, future grants will be with held and those already sanctioned recovered.
6. The University shall maintain " CARD SYSTEM " giving full bio-data of each admitted candidate on each card. With a view to maintain record and follow up of all the trained candidates.
7. The University shall accept the SC/ST certificate in the prescribed form duly issued by the competent authority like Deputy Commissioner/Collector /Deputy Collector, Tehsildar etc.
8. The University shall issue an admission notice for publication in the widely circulated news papers for enrolment of SC/ST candidates for each courses involving barest minimum possible expenditure.
9. The University shall not admit SC/ST candidate.
 - a) Whose parents/guardians' income from all sources including the income of the candidates exceeds Rs.12,000/- per annum (say Rs.1,000/- p.m.)

.....2/-

Broad Items of Expenditure1. NUCLUE SUPERVISORY/ADMINISTRATIVE/HOSTEL/LIBRARY STAFF

Principal/Director	- 1	(to be employed on at part time salary say Rs. 500/- p.m.)
Superintendent	- 1	
U.D.C.	- 1	
L.D.C.-cum-typist	- 1	
Peon	- 2	
Hostel Warden	- 1	provided hostel facilities exist
Librarian	- 1	Provided library, facilities are made available.
Class IV staff	- 2	

2. Electricity/charges

3. Stipend to trainees towards meeting expenditure on their maintenance

Say at Rs. 125/- p.m.

4. Medical facilities for the trainees - Some adhoc provision to meet any emergent expenditure in this regard.

5. Text books for the trainees

6. Teaching staff.

Full time staff - 2 tutors to teach English and General knowledge

Part-time tutors -- according to actual needs to be drafted from the University teaching facility, on a fixed part-time salary or say at Rs. 200/- p.m. for delivering 14-16 lectures in a month each lecture of one hour duration.

7. Guest Lecturers - Eminent outside persons to be invited for delivering fixed number of lectures to the trainees on payment of honorarium per lecture.

8. Propaganda & Publicity

9. Contingent Expenditure for purchase of stationery postage etc.

Revised Scheme of National Sports Organisation :

The University Grants Commission vide its letter No. F.1-2/91 (SPE) dated 20-12-91 has forwarded the revised scheme of the National Sports Organisation, which was formulated by the Deptt. of Youth Affairs and Sports in the Ministry of Human Resource Development. The Scheme is being implemented by the University Grants Commission. The details of the Scheme may be seen at Annexure 'A'. The Scheme will be operated in 3 parts as indicated below :-

- 1) Creation of Infra structure
- 2) Coaching and tournaments
- 3) Incentives

The Scheme is available both to the Universities and the Colleges.

The University Grants Commission has already conveyed the sanction for introduction of three year degree course in Physical Education, Health Education and Sports. But the University does not have the necessary Infrastructure like Playground, Indoor Stadium and other facilities. If this scheme can be availed of by the University, it may help to a great extent in the running of the three year degree course in Physical Education and Sports. There is a mention that the Colleges for which three year degree course for Physical Education has been approved by the Commission will also be eligible for assistance for either a Gymnasium or Swimming Pool. The Scheme provides that only one Project at a time will be sanctioned and the Project must start physically within 6 months from the date of sanction in principle, failing which the sanction may be withdrawn.

It may be considered whether the University may move the University Grants Commission for construction of Indoor Stadium/ facilities in the Permanent Campus.

A proposal for sanction should be accompanied by the Survey report of the existing facilities in the University in the form prescribed by the Commission.

ANNEXURE A

Y.N.C. TURVEZI
SECRETARY

University Grants Commission
BahadurShah Zafar Marg
New Delhi 110002

No.F.1-2/91(SPE)

20.12.91

Dear Vice-Chancellor

Sub: Revised Scheme of NSO

The present scheme of the NSO (National Sports Organisation) was formulated by the Department of Youth Affairs & Sports in the Ministry of HRD in 1987 and it is being implemented by the UGC. The Department of Youth Affairs & Sports has further revised the scheme. A copy of the scheme is enclosed. The revised scheme takes into consideration the escalation in cost of construction/equipment and also the evolution of international specifications for sports facilities.

The revised scheme will continue to be implemented by the UGC. The Universities and colleges are requested, to send their proposals to the UGC for assistance under the scheme.

The following important guidelines may be kept in mind while submitting proposals for sanction to the UGC :

1. Any proposal for sanction should be accompanied by the survey report of the existing facilities in the university/college in the prescribed form which is at Annexure VI of the scheme.
2. The proposals of the colleges should be routed through the University to which they are affiliated. Without this the proposals will not be considered.
3. In view of the limited resources available, the UGC will not extend any assistance for items like hostel, flood-lighting, development of playfields, construction of outdoor stadium and construction of pavilion, etc. Therefore, proposals for these items should not be sent.
4. All universities will be eligible for all items of assistance but the maximum cost for construction of a gymnasium/swimming pool will be Rs 25 lakhs. For the gymnasium/swimming pool sanctioned under the scheme in operation since 1987, if the construction has started then the UGC will consider the requests for additional assistance only to the extent of escalation in cost of the work contracted but the earlier sanction will not be replaced by sanction for larger facility under the revised scheme. However, if the construction for the sanctioned facility earlier has not already started the institution will have the option of either operating the sanction already given or to surrender this to UGC and seek sanction under the revised scheme.

5. Postgraduate colleges with enrolment of 1500 or more and not more than two college will be eligible for gymnasium/swimming pool under the revised scheme within the ceiling mentioned in para (4) above. Therefore, the affiliating university should select the cases of colleges for sponsoring under the revised scheme carefully.

The colleges for which three year degree course for Physical Education has been approved by the Commission will also be eligible for assistance for either gymnasium or swimming pool.

6. Under the revised scheme, all colleges with enrolment of 500 or more are eligible for assistance for track and equipment grant. All the Universities are also eligible for this. Equipment assistance will be extended to an institution only once in a plan period. Therefore, only those institutions to which equipment assistance has not been sanctioned in last three years will be extended assistance for equipment during the 8th Plan Period.
7. Under the revised scheme of NSU, costly and specialised facilities of gymnasium swimming pool costing upto Rs 52.50 lakhs (UGC share) will be provided and the performance in inter-university/ national sports meets. Sanction will also be given for construction of hostels as dedicated facilities for sports persons under this scheme. Instructions in this regard will be issued separately and, therefore, no proposal need be made in this regard under the revised NSU scheme being circulated herewith.

In addition, the Department of Youth Affairs and Sports has a scheme for assisting universities for construction of synthetic track and synthetic surfaces for hockey, tennis etc. The interested universities should make proposals in this regard directly to the Department of Youth Affairs and Sports, Ministry of Human Resource Development, Shastri Bhavan, New Delhi.

With regards,

Yours sincerely,

Sd/-
(Y.N.Chaturvedi)

Prof. R.G. Michael
Vice-Chancellor
N.E.U., Shillong.

Encl: as above.

GUIDELINESS.P.E. SECTION

UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI 110002

SCHEME OF GRANTS FOR GAMES AND SPORTS IN UNIVERSITIES AND COLLEGES

The Schemes aims at promotion of excellence in Games and Sports among the students of Universities and Colleges, including professional Colleges like Agricultural, Medical and Engineering. It shall operate in three parts as below:

- (i) Creation of Infrastructure,
- (ii) Coaching and tournaments, and
- (iii) Incentives

2. Creation of Infrastructure are:

2.1 The Central assistance shall be admissible according to the pattern of assistance given in Annexure-I. This Shall be disbursed through the University Grants Commission in case of Universities/ Colleges covered by the UGC. In rest of the cases direct disbursement will be made by the Department of Youth Affairs and Sports (D.Y.A. & S).

2.2 The applications in the prescribed proforma (Annexure-II) should be submitted to the UGC or the DTA&S, as the case may be, through the following channel :

<u>General</u>	<u>Channel</u>
i. General colleges and colleges of Physical Edn.	Through the University they are affiliated to.
ii. Universities	Directly to the UGC.
iii. Agricultural Colleges/ Universities	Indian Council of Agricultural Research, New Delhi.
iv. Engineering Colleges	All India Council of Technical Education or the administrator Ministry, Department of Govt. of India.
v. Medical colleges	Medical Council of India.
vi. Others	Directly.

2.3 The assistance shall be disbursed after the grantee has fully spent its share (estimated cost - the Central assistance) in the cost of the project and that the project has reached a stage such that it would be completed with the Central assistance without any further inputs. The grantee shall submit the documents in support of above. If considered necessary, the site inspection may also be carried out. The 90% of the assistance will be disbursed in the first instalment and the balance 10% on receipt of the Completion Certificate and the Utilisation Certificate for the cent percent grant.

- 2.4 The entire assistance shall be released in one instalment in case of the supply of the subsidised non-consumable sports equipment. A non-consumable sports equipment is one, which is likely to last without thorough over-hauling/repair for one year from the date of purchase with norm issued. Enclosure is an illustrative list of such equipment vide Annexure - III.
- 2.5 Only one project at a time will be sanctioned. The second project shall not be considered unless the first one is completed in all respects and completion certificate (Annexure-V) is submitted by the grantee. This shall however not apply to supply of subsidised non-consumable sports equipment.
- 2.6 The project must start physically within six months from the date of sanction in principle failing so, the sanction may be withdrawn and the assistance disbursed be called up.
- 2.7 A college shall normally be entitled for the grants for the development/ upgradation of the playground and for the supply of the non-consumable sports equipments only. The colleges having substantial enrolment with creditable past performance in the field of sports in inter-university tournaments and having good hostel accommodation only may be considered eligible for assistance for creation of other facilities.
- 2.8 The request for the improvement/addition/alteration to the existing sports facilities may also be considered, provided no such assistance was availed of for the construction of this facility and this results into the acceptable standard size of the corresponding playing facilities, the assistance being in the same proportion and limited to the same ceilings as indicated in the pattern of assistance in Annexure-I.
- 2.9 The regional balanced development shall be kept in view, while providing the assistance. Further-more, the financial capability of the institutions and other relevant dimensions shall also be taken into consideration by the Sanctioning Authority to satisfy itself that the facility will not only be made proper use of but will also be maintained properly.

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OFFICIAL ASSISTANCE FOR DEVELOPMENT OF SPORTS INFRASTRUCTURE
UNIVERSITIES AND COLLEGES

The assistance shall be rendered for the following items, subject to the cost of each project being shared in the ratio of 75:25 (except s.o. between Government/UGC and the Universities/Colleges concerned. The ceiling of assistance have been indicated as below:

TYPE OF PROJECT	ESTIMATED COST	CEILING LIMIT ON ASSISTANCE
(Rupees in lakhs)		
<u>Playfield</u>		
Standard size-composite Football/Cricket (without pitch) Playfield without running Track.	1.65	1.24
Standard size-composite Football/Cricket (without pitch) field with atleast 6 lane grass running track.	3.40	2.55
Standard size Football/Cricket (without pitch) field with 8 lane grass running track.	4.00	3.00
Standard size Hockey field (without pitch)	1.20	0.90
Standard size concrete Basketball Court with posts and upright & board.		
Standard size concrete Tennis Court	1.25	0.93
Standard size Bazari/Morrum Tennis Court	0.60	0.45
Development of a Cricket pitch	0.30	0.22
<u>CONSTRUCTION OF INDOOR STADIUM/FACILITIES</u>		
<u>Category - I</u>		
Size not less than 36 x 12.5 mts with double layer teak wooden flooring.	70.00	52.50
<u>Category - II</u>		
Size not less than 33 x 16 x 12.5 mts with double layer teak wooden flooring.	50.00	37.50
<u>Category - III</u>		
Size not less than 20 x 12 x 7 mts with double layer teak wooden flooring.	40.00	30.00
<u>OUTDOOR STADIUM/FACILITIES :</u>		
<u>Category - I</u>		
Field size not less than 175 x 100 mts with 8 lane grass running track.	24.00	18.00
<u>Category - II</u>		
Field size not less than 105 x 70 mts	12.00	9.00

SWIMMING POOL :Category - I

Swimming Pool 50 x 21 x 1.80 mts complete with filtration plant.	85.00	63.75
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Category - II

Swimming Pool 25 x 21 x 1.80 mts complete with filtration plant.	40.00	30.00
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SPORTS HOSTEL

- | | | |
|---|-------|-------|
| a. 80 beds to be suitably divided into girls being also with atleast 38 beds for girls. | 40.00 | 30.00 |
| b. In case of sports hostel below the seating tiers of a stadium with atleast 10' height at all the places. | 18.00 | 13.50 |

PURCHASE OF NON-CONSUMABLE SPORTS EQUIPMENT

The Central Government's assistance will be limited to Rs 3,00,000/- per applicant without any matching share from the institutions. The form of application given in Annexure - II may be adopted for this purpose, mutatis mutandis. An illustrative list of sport equipment is given in Annexure - III.

UNIVERSITY GRANTS COMMISSION
NEW DELHI.

Proforma for submitting proposals for different projects.

- Note : 1. This format is common for universities and colleges.
2. Use separate proforma (of this type) for different projects.

1. Name of the project (Mention the title as given in the revised pattern of assistance).
2. Name of University/College with full address.
3. Name of the District.
4. a) In case of colleges to which university it is affiliated.
b) Name of affiliation : Temp/Permanent
5. Indicate whether it is fit to receive financial assistance as per section 2(F) and section 12(B) of the UGC Act. Yes/No
6. Indicate the number of students enrolled in the UG PG Total current year (1990-91) in the UG and PG courses.
7. Whether the College/University is located in HILLY/VALLEY/PLAIN Hilly, Valley or Plain area :
8. Whether the land for the project has been required: Yes/No
9. Whether any such facility is already available: Yes/No
10. If yes to Q.No.9, give justification for this proposal.
11. Attach complete and clean drawings showing the site plan and all details of the scheme duly approved by CPWD/PWD, Chartered PWD/Municipal Engineer (in case of earth work cross section and long section should also be enclosed).
12. Indicate whether the project conforms to the specifications given in playing Field Yes/No
13. Attach detailed estimates on the basis of approved drawings.

- 14. Scope of the work indicating the salient features, soil conditions cutting/filling, if any, type of construction, terrain and any other special features highlighting the same.
- 15. Indicate the date from which the work is proposed to be started.
- 16. a) Indicate how the matching share over & above the assistance under NSO Programme is proposed to be met.
 b) Indicate (with documentary evidence) the amount already collected to meet the college/university share.
- 17. Indicate the assistance approved/sanctioned by State/Union Territory/Govt. for this project.
- 18. Indicate period by which the project will be completed.
- 19. a) Indicate whether the college/university had received grant for this purpose under NSO Programme in the past.
 b) If yes, mention the sanction letter, No. & date & amount received.
- 20. Give full justification for this project.

I certify that the information given above is correct. The facilities of the Project shall be used for the bonafide purpose for which the funds have been made available.

Vice-Chancellor/Registrar
 S E A L

Principal/Registrar
 S E A L

(in case of University, signatures of Registrar as well as Vice-Chancellor and necessary)

and

(in case of a College, signatures of Principal as well as Registrar of the University to which the college is affiliated are necessary).

.....

FORM FOR FURNISHING UTILISATION CERTIFICATE

Sanction letter number & date AMOUNT Certified that the grant is received from the Union Ministry of Human Resource Development Department of Youth Affairs & Sports/ University Grants Commission vide their letter (s) mentioned in the margin fully/to the extent of

Rs _____ (Rupees _____)

_____ only) during the financial year _____

_____ for meeting expenditure on the purpose for which it was sanctioned i.e.

i. Development of Playfields at _____

ii. Construction/Improvement of _____

at _____

iii. Purchase of sports equipment of non-expenditure nature.

* and the unutilised amount of Rs _____ has been refunded to the Central Government/University Grants Commission vide our letter No. _____ dated _____

2. Also certified that a total expenditure of Rs _____ was/has so been incurred on the aforesaid purpose.

Signatures with Designation with Official Seal and Date (_____)

This certificate shall be signed by the Registrar/Principal of the College/ University/Institutions.

*Strikes off if not applicable.

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PROGRESS REPORT/COMPLETION CERTIFICATE

Date of Progress Report _____

1. Name of the project (indicating details of sports facilities developed/constructed) :
2. Place/site :
3. District :
4. Estimated cost :
5. Amount approved as Central assistance :
6. Amount released till date :
7. Balance amount, if any, to be released :

A. WORK COMPLETED

Name of the main items of work, if any, yet to be completed.	Approved estimates of the item.	Actual expenditure incurred.	Reason for variations b/w Col.2 & 3, if any, (in case of wide variation).
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B. WORK STILL TO BE COMPLETED:

Name of the main item of work, if any, yet to be completed.	Approved estimates	Expenditure incurred against each item till date.	Further expenditure participated, if any.
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This should be certified by the Executive Engineer/Assistant Engineer/Sub-
Assistant Engineer of the Centre/State/Municipality Zilla Parishad/ P.W.D.

Note: Only original copy of the Progress Report should be submitted to the Government and no attests or photocopy will be entertained.

Signature with date _____

Name in full _____

On the top of the Progress Report the date of Progress Report should be indicated.

Official Seal _____

Item No. 6 ADMINISTRATIVE MATTERS :

6.1-Selection Committee .

- (i) Panel of names for Selection Committee for faculty selection in various depts./centres of NEHU.

Clause(2) of Statute 20 provides for panel of experts for consideration of Selection Committees for the recruitment for the post of Professor, Reader and Lecturers. The experts are to be nominated by the Executive Council out of the panel of names recommended by the Academic Council for their special knowledge of or interest in the subject with which a Professor, Reader and Lecturer is concerned. The Council is required to recommend a panel of names for the following Depts./Centres.

1. Economics department.
2. Political Science
3. Anthropology deptt.
4. Sociology deptt.
5. Philosophy deptt.
6. Public Administration.
7. History deptt.
8. Commerce deptt.
9. Centre for Literary and Cultural Studies.
10. Academic Staff College.
11. English deptt.
12. Centre for creative Arts.
13. Linguistics.
14. Education deptt.
15. Adult and Continuing Education.
16. Botany deptt.
17. Zoology deptt.
18. Bio-Chemistry deptt.
19. Home Science deptt.
20. Applied Statistics.
21. Eco-Development
22. Chemistry deptt.
23. Physics deptt.
24. Mathematics deptt.
25. Bio-Physics deptt.
26. Computer Centre
27. Science Education deptt.
28. R.S.I.C.
29. Geography deptt.
30. Geology deptt.
31. Forestry deptt.

The panel will be tabled by the Chair.

(i) Appointment of Dean of a School of Studies.

According to Statute 6(i), appointment of a Dean of School is a prerogative of the V.C. However, in the 73rd E.C meeting, an issue came up before the E.C as to whether a Centre's Professor is eligible for appointment as Dean of a School. The E.C observed that the issue has academic aspects in it and therefore endorsed the matter to the A.C for consideration.

The main arguments of the Centres in the matter was that as per Section 2(g) of the Act, they are at par with the Deptts., as per Ordinance, they are entitled to conduct P.G. teaching and research leading to M.Phil/Ph.D degrees and that they are parts of the School.

The Chairman of the Academic Council had circulated to the members of the Academic Council the representation submitted by the members of the Centres of NEHU for their considered opinion. The opinion received from the members are placed at Annexure A.

The opinion received from the members generally indicate two views. The gist of the views are placed below for consideration of the Council.

2/-.....

View I

1. Section 2(a) of NEHU act is very clear which says 'Department means Department of studies and includes a Centre of study.' It is very clear that Centres are at par with the Departments. The difference if any, between Centre and Department is in terms of function. However, status and the manner in which they are established is same.

In the matter of appointment of Dean of School from the Centres, Acts, Statutes and Ordinances are to be read together and not in isolation.

2. There should not be any reasons for conflict between Centres and Departments. The problems arise out of lack of defining clear areas of activities.

So far the equivalence of the centres and Academic Departments are concerned, this has to be understood in terms of the functioning and not in terms of their objectives. But as per other privileges like Deans' office etc., there should not be any reason why teachers from centres could not be considered.

Centres should not be permitted to operate in degree programmes, particulars at MA/M.Sc and M.Phil level. The University may decide from time-to-time certain areas of interest which has to become acute and the University desiring to contribute successfully to such scientific and socially relevant issues could set up a Centre to contribute in solving those problems.

Once the task of such a centre is over, the centre could be disbanded and depending on new issues, new centres of studies could be constituted. However, there could be some centres like Computer centre on continuing Education etc., which would be general service oriented centres, which we already have and can continue with.

3. The Centres are created to share the additional burdens of the departments and to facilitate the teaching programmes by means of interdisciplinary interactions. Notwithstanding the nomenclature, the centres should enjoy the same status and privileges both academic and administrative as the department.

The status of a teacher in the University irrespective of his placement is same. Even, if the University for functional reasons consider not to give Deanship to a campus teacher, there should be at least a campus Dean to look after the academic problems of the campuses.

4. A professor in NTHU, whether in the campus centre or the department cannot be denied the privileges due to his post.

A Centre participates in the academic activities of the school as much as do the departments. The difference perhaps lies in the mode of teaching and the emphasis. Therefore, why should they be denied Deanship when their term comes.

View II.

6:2:1(4)

1. Section 2(a) of the Act which defines departments and centres have an initial qualifying clause which reads 'unless the content otherwise requires.'

2. (a). Section 24(p) of the Act says that departments and schools should be established through Statutes.

(b). Whereas Section 26(k) says that centres of studies should be established through Ordinances.

(c). Statute 17 which provides for establishment of schools and departments come under Section 24(p) of the Act which does not apply to centre of studies, except in the case of a specific mention found in Statute 17(5)(b) which reads as follows:

"Provided that the Executive Council may, on the recommendation of the Academic Council, establish centres of Studies to which may be assigned such teachers of the University as the Executive Council may consider necessary."

3. Therefore, a school of study as provided in Statute 17(5)(a) can only consists of department of Study and not any centre of study.

It is the inclusion of centre of study in School of Study in Ordinance O^A-4 that has created the present position. This has been done under Statute 17(5)(a), extending the meaning of the term department to include Centre of Study also.

4. (a) The definition that department includes centre of study not absolute but contextual. An example of contextuality is in the matter of establishment. The Statute do not come into picture with regard to establishment of centre of studies, the provisions in Statute 17 on establishment of School and departments as also the Ordinances made thereunder, unless specifically mentioned do not apply to centre of Studies. Here, only the specific mention about centres of Studies made in 17(5)(b) applies to centres of Studies.

(b) The provision regarding establishment of Centre of Studies in Statute 17(5)(b) requires only a resolution of the Executive Council (not even an ordinance) to establish a centre of studies.

(c) According to OA-11, only in case of a centre established for teaching inter-disciplinary courses and research relating thereto, the organisation and structure can be the same as departments of the University, and that too if a decision to this effect is taken by the academic council. This is an exception. This function of the centres mentioned in ordinance OA-11(i)(ii) are not carried out in any centre.

6/-.....

5. There is no justification of equating the centre to the P.G. departments since the departments are dealing with higher level of knowledge in the subject and participating in research in different fields of the subject concerned. Hence there is no question of appointing a professor of the centre as Dean of School.

However, equal status should be given to the teaching faculty of all the campuses so far as P.G. departments are concerned. A Professor or Head of the deptt., a senior one as per the University rules must be declared as Dean/HOD.

9/9/90

ANNEXURE-'A'

(.) Comments of Dr. A.C. Chapatra, Head, Department of Geography, NEHU, Shillong.

- (1) I do not see any reasons for conflict between the Centres of Studies and the Departments in this University. The problems probably arise out of the lack of defining clear areas of activities in which Centres had to participate and a need for defining the precise nature of work of the Centre's of Studies in the University.
- (2) As you would appreciate, the departments whether in this University or elsewhere are oriented towards disciplines and therefore, their main activities centres around degree programmes at whatever level within the ambit of their disciplines. On the other hand, Centres of Studies are often problem oriented or service oriented and only occasionally oriented towards a given discipline and therefore, by and large they cannot (by being the very nature) get involved in degree programmes. However, since Centres of Studies have qualified Supervisors I do not see any reason why they cannot engage Ph.D level research under the given specialisation of the concerned supervisors, the candidates then could be registered under such a department if it exists in the University.
- (3) So far the equivalence of the Centres and the Academic Departments are concerned, this has to be understood in terms of the functioning and not in terms of their objectives. But as per other privileges, like Deans' office etc., I do not see any reason why teachers from Centres could not be considered. I may however, note that such appointments are totally discretionarily to the Vice-Chancellor's judgement whether the concerned person is suitable for the given position or not and therefore, there need not be any bad blood in this respect.
- (4) I have strong reservations about Centres operating degree programmes particularly at M.A/M.Sc and M.Phil level which are in relation to a given discipline. However, from case to case, Centres having the requisite expertise and number of faculty members could offer certificate and diploma courses on areas within the objectives of such Centres.
- (5) However, I personally, have a different perception of how Centres of Studies should have been conceived, e.g. the University may decide from time-to-time certain areas of interest which has to become acute

Contd/.../-

and the University desiring to contribute successfully to such Scientific and Socially relevant issues could set-up a Centre to contribute in solving those problems. In such a case, the Centre starts with a nucleus of one or two faculty members and drawing expertise from existing departments and Centres on a time bound basis till such a major project is completed. Once the task of such a Centre is over, the centre could be disbanded and depending on new issues, new centres of studies could be constituted.

However, there could be some Centres like Computer Centre or Continuing Education and Distance education etc., which would be general service oriented centres, which we already have and can continue with.

This matter also I had discussed in the faculty of the departments, who have broadly agreed with my propositions. I shall be glad to have your reactions on the position I have started on this matter.

(B) Comments of Dr. K.C. Boral, Department of English, Mizoram Campus, Aizawl.

(1) After careful perusal of the representation, I found that there are two pertinent points which need to be considered i.e., (i) the status of the Centres vis-a-vis the departments, and (ii) the status of the teachers serving in the Centres.

(2) Both departments and the Centres of the University are supposed to carry out teaching programmes whatever may be the nature of the degrees (either degree, diploma, certificate etc.). The centres are created to share the additional burdens of the departments and to facilitate the teaching programmes by means of interdisciplinary interactions. Notwithstanding the nomenclature, the Centres should enjoy the same status and privileges both academic and administrative as the departments.

(3) The status of a teacher in the University irrespective of his placement is same. If a professor of a department is entitled to be the Dean of the School why not a professor of a Centre? The statutes or Ordinances whatever may hinder this may be suitably amended to extend this privileges to a professor of the Centre.

Contd/.../-

Suggestions

The discontent among the members of the Centres is well founded. For an effective co-ordination between the centres and Departments, I have the following suggestions:

- (1) Let the Dean of a particular school be responsible for co-ordinating research, teaching etc. between/among departments and Centres.
- (2) All applications for registration for admission, research and other activities be looked after by the Deans office.
- (3) If the Deans office is made more dynamic and result oriented, I feel, the resources of the University may be best utilized for maintaining high academic output.

I am tempted to place before you the problems faced by those Campus Departments which are duplicated or triplicated. Even if the Heads of the Campus departments are statutorily independent, they hardly have the same powers with their counterparts in Shillong. As a reaction to the agenda item whether the Campus professor can be appointed as Deans or not, I am constrained to say why not? Even if the University for functional reasons consider not to give Deanship to a campus teacher in that case the University will be depriving some of the departments to have the honour of the Deans office at all. Further, there should be at least a campus Dean to look after the academic problems of the Campuses. I would like to request you, while considering the issue pertaining to the centres, to kindly bring this to the notice of the members of both Executive Council and the Academic Council. I would further like to add that in the fitness of things let there be a committee including the representatives of the departments centres and Campuses to discuss over the problem and suggest guidelines for effective management of the academics in the University.

- (C) Comments of Dr. K.J. Joseph, Director, Academic Staff College, NEHU, Shillong.

1. (a) Some relevant definitions in the University Act, Statutes.

Section 2

- G. Department means a department of studies and includes a Centre of Studies.

Concl./.../-

G. Teachers of the University means Professors, Readers, and lecturers and such other persons as may be appointed for imparting instruction or conducting research in the University and are designated as teachers by the Ordinances. All these definitions have an initial qualifying clause which reads 'Unless the context otherwise requires'.

(b) Manner of establishment

(i) Schools and departments

Act Section 22

The constitution, powers and functions of the Boards of School (and other statutory authorities) shall be prescribed by the statutes.

Act Section 24 P.

The establishment and abolition of schools and departments to be done through statutes.

Statutes 17

1. University may have such schools of studies as may be specified by ordinances.
2. Every school shall have a school board.
3. The powers and functions of the school Board, shall be prescribed through ordinances.
4. The conduct of meetings of a school Board and the quorum required for the meetings shall be prescribed by ordinances.
5. (a) Each school shall consist of such departments as may be assigned to it by the ordinances.
(b) No department shall be established or abolished except by these statutes (xxxx)
(c) Each department shall consist of the following members (xxx)

ii. Centre of study

Act Section 26 K

Ordinance may provides for establishment of centres of studies, boards of studies etc. (xxx)

Contd/.../-

Statute 17 (5) (b)

Provided that the Executive Council may on the recommendations of the Academic Council, establish centres of studies to which may be assigned such teachers of the University as the Executive Council may consider necessary.

2. Basic question:

It is the inclusion of centres of study in schools of study in Ordinance (A-4 that has created the present position. This has been done under statute 17 (5) (a) extending the meaning of the term department to include centre of study also.

Here the basic question is whether the provisions in statute 17 apply to centres of study unless specifically mentioned so. Section 24 P. of the Act says that Departments and schools should be established through statutes. This has to be seen in the light of provisions in section 26 K which says that centres of study should be established through ordinance. Statute 17 which provides for establishment of Schools and departments come under section 24 P. of the Act which does not apply to centres of study. Except in the case of a specific mention found in (5) (b) regarding centres of study this statute has no reference to centres of study this statute has no reference to centres of study. So a school of study as provided in (5) (a) of this statute can only consist of departments of study and no any centre of study.

3. Position regarding establishment of department and centres

3.1 The definition that department includes centre of study is not absolute but contextual.

An example of the contextuality is in the matter of establishment. Here the term department cannot include centres of studies as the former is a statutory Authority to be established through a statute while the latter can be established through an ordinance or a Resolution of the Executive Council.

3.2(a) Statute 17.1 relegates the power to establish schools to Ordinance, but the power to establish a department is retained as exercisable only through statutes.

Contd/.../-

- (b) Since the statutes do not come into picture with regard to establishment of centres of studies the provisions in statute 17 on establishment of schools and departments as also the ordinances made thereunder, unless specifically mentioned, do not apply to centres of studies. Here only the specific mention about centres of studies made in (5) (b) applies to centres of studies.

3.3 The provision regarding establishment of centre of studies in statute 17 (5) (b) requires only a resolution of the Executive Council (not even an ordinance) to establish a centre of studies.

3.4 so,

- i. there is no parity between departments and centres in the matter of establishment.
- ii. Departments are the only statutory body for academic work.
- iii. The University has not framed the statutes required for the establishment of any of the existing departments.

4. Level and Type of Academic Work in Departments and Centre

- 4.1 The departments are statutorily established for imparting instruction and conducting research at post graduate and higher levels in specific disciplines.
- 4.2 Post-graduate level of academic work means that teaching and Research work should be of such quality and level that requires a graduate level of scholarship/achievement in the subject/area of work as admission qualification.
- 4.3 The Courses study offered in the departments are to be provided through ordinances.
- 4.4 No centre in the University has an approved course of study provided through an ordinance leading to a degree, Diploma or certificate. The activities they have to organise and the functions they are given in ordinance OA-II:iii, iv, v, vi and vii cannot be considered as academic work of post graduate level of type.

Contd/.../

4.5 According to OA-II, Ordinance on the Establishment, Structure and Management of Centres in the University, only in the case of a 'Centre established for teaching inter disciplinary courses research relating there to', the organisation and structure can be the same as departments of the University, and that too if a decision to this effect is taken by the academic council and is approved by the Executive Council. This is an exception. The functions of the centres mentioned in ordinance OA-II, i and ii are not carried out in any centre.

5. Teachers in Department and Centres

- 5.1 Teachers in the University are appointed for imparting instruction and conducting research. They can be working at post-graduate levels (i.e. in deptts) or at under graduate levels (i.e. in colleges mainted by the University).
- 5.2 The qualifications prescribed for Readers and Professors in Regulation OE-5 R3 makes it essential to have certain years of post graduate teaching or post doctoral research experience for selection to those grades. If the centres have not post graduate teaching or post doctoral research the lecturers recruited in the centres will stagnate at that level.
- 5.3 The University has not prescribed separate set of qualifications for appointment of teachers in centres. There are no separate selection committees also. However the type and level of academic work in the centres are different from that of deptt. This has created an anomaly.
- 5.4 According to statute 17(5)(b) the executive council may assign such teachers of the University as it may consider necessary to the centres. Assigning a teacher, who is already in the University, to a centre does not involve new appointment. This should indicate that the act and statutes do not contemplate recruitment of the University teachers in any centre, but only assigning existing teachers to these centres.

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- 5.5 According to OA-II, 10 two separate sets of designations are prescribed for the academic staff in centres giving an option. Only to 'teachers of the University' to retain their original designation of Professor, Reader, or lecturer while working in the centres. This means that all others have to be designated otherwise, i.e. Director, D. Director, or Assistant Director.
- 5.6 The term of office of a Head of the Department is 3 years while that of a Director of a centre is 5 years. This is another context to be taken into account while equating centres with departments.

6. Academic Structure

- 6.1 Since centres of studies have to be established through ordinance or a resolution of the executive Council, the provision in statute 17 regarding structure of the department, and in statutes 18 on Board of Studies do not apply to centres.
- 6.2 The University has recognised this and has framed ordinance OA-II prescribing the structure of centres and providing for advisory committees and steering committees in centres in place of Boards of studies.
- 6.3 Boards of schools Section 18 of the Act declares it an authority of the University. Section 22 lays down that its constitution, powers and functions are to be prescribed through statutes. Statutes 17(3) states that its powers and functions may be prescribed through ordinances, leaving its constitution only to be provided through statutes. But the University has framed ordinance OA-7 which covers constitution powers and functions of the board. That part of it which deals with constitution of a school board is null void as this has to be done through a statute.
- 6.4 The powers and functions of the school board as given in ordinance OA-7 concern examinations and evaluation courses of study, admission of students, teaching and research and its coordination etc. which has very little to do with the work being done in the centres. This is another instance of the context ruling out centre from the meaning of department.

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- 6.5 Ordinance CA-III which is set down the structure of the centres makes an exception in clause 23 that only centres established for 'teaching' inter disciplinary courses and research relating there to' can have the same structure and organisation as departments. It is doubtful if we have any centre that falls in this category.

7. Dean of School

- 7.1 The Dean who heads the school is a personal appointment by the Vice-Chancellor from among the Professors in the school.
- 7.2 Selection and appointment of a Professor as Dean is totally within the discretionary powers of the Vice-Chancellor. No body can claim any right or eligibility for this position.
- 7.3 Since the Executive Council can establish centres and assign any teacher to it, if any claim like seniority is recognised for Deanship, it would result in a ridiculous situation in which any Professor in any subject can become the Dean of any school in the University.
- 7.4 The powers and functions of the Dean of the School concern supervision of teaching and research work in the school, arranging examinations and discipline in the school. The Dean is also to give guidance to the Head of Departments. All this has very little to do with the work in the centres. Such being the cause, a teacher from a centre which is not involved in this level or type of work will not have the essential authority or acceptability required to discharge these functions.
- 7.5 Academic ethics and propriety demand that no person who is not a professor in a subject of study or research in the school and is not involved in regular teaching and research work in a school is made Dean of a School.

8. Membership of authorities

- 8.1 The constitution of 3 authorities of the University the Court, the Executive Council, and the Academic Council are given in statutes 10, 12 and 14. In statute 14 iv, Heads of Departments

and Centres are mentioned as Ex-officio members of academic council. But in statute 10-A, in the constitution of the Court (item x) only Heads of Department are provided as Ex-officio members. Here, also context indicates that Heads of centres are not included in this.

9. Principalship and Professorship.

- 9.1 The Constitution of the Selection Committee for these are different.
- 9.2 A Professor is a Professor in a subject or discipline. A Principal is not.
- 9.3 A Professor has to be appointed through the Selection Committee recommendations (st.20) or under statute 21.
- 9.4 A Principal, irrespective of scale of pay etc. cannot be designated as a Professor in the University and cannot stake claim to any position reserved exclusively for Professors in the University.

(D) Comments of Dr. M.C.Pandey, Dean, School of Education, NEHU, Shillong.

First, I wish to State that there is no discrepancy between centres vrs Department.

In the matter of appointment of Dean of the School from the Centres, if Acts, Statutes, Ordinance are read together and not in isolation. It is very clear that Centres are at par with the Departments. The difference, if any, between Centres and Department is in terms of function however, status and the manner in which they are established is same.

Empirical reality is that since the establishment of Centres or Department all matters relating to them: Academic or Administrative are the same.

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UEHU Act 2(G) "Definition" it is very clear from this Act, which says: "Department means a Department of Studies and includes a Centre for Studies".

(E) Comments of Dr. A.K. Agarwal, Reader and Head Department of Economics, Mizoram Campus, Aizawl.

Thanks for inviting reactions on the aforesaid a very important and critical issue which has also raised another most crucial point of appointment of a Professor of Nagaland and Mizoram Campuses as the Dean of the Schools and also the University Head of the respective Department.

While going through the Note submitted to the Executive Council and also the Meeting resolution circulated by the Members of the centres, it appears that the centres are not conducting post graduate teaching and research guidance. Now the question is whether the centres of Studies may be equated to the P.G Departments of the University.

I feel there is no justification of equating the Centre to the P.G Departments since the Departments are dealing with high level of knowledge in the subject and also participating in research in different fields of the subject concerned. Hence there is no question of appointing a Professor of the centre as the Dean of Schools.

Secondly, a Professor of the Centre has no direct touch with the functioning and problems of the P G Department. Under the circumstance how a very new person can work effectively as the Dean of the School.

Depriving the legitimate right of appointment of a Professor of P G Department of Nagaland and Mizoram Campuses as the Dean of the different Schools and also as the University Head of the Department and confining these two Senior posts at Shillong Campus only is completely an injustice with the rest of the two campuses. It has checked the progress of these two campuses. The Departments of these two Campuses are at par in all respects to the concerned Departments of Shillong Campus. Further there is no distinction either either at the level of teaching courses and also to the appointment procedure is concerned.

Contd/.../-

Hence, I sincerely feel a strong point in giving an equal status to the teaching faculty of all the Campuses so far as the P G Departments are concerned. A Professor or Head of the Department a senior one as per the University rules must be declared as the Dean/Head of the Department for the University Office. This would be helpful in many ways in developing the two Campuses of Mizoram and Nagaland.

Administrative inconvenience in dealing from a distance should not be in the way of granting an equal status and also award of Senior and responsible posts to the Professors of Mizoram and Nagaland Campuses. After all the Department of these two Campuses are also alike in all respects to the Departments of Shillong Campus and no special consideration should be made to the faculty members of the Department of Shillong Campus. It needs immediate attention necessary action by the University authorities.

(F) Comments of Prof. L.K.Jha, Department of Forestry School of Environmental Science, Mizoram Campus, Aizawl.

Statute 6(2) provides that "Every Dean of a School of Studies shall be appointed by the Vice-Chancellor from among the Professors in the School for a period of 3 years and he shall be eligible for reappointment".

In my opinion Professors of other Campuses namely Nagaland and Mizoram should be considered for appointment as Dean of School as per our statutes (6-i).

(G) Comments of Dr. S.Ganguly, Head, Department of English, Mizoram Campus, Aizawl.

1. A Professor in NEHU, whether in the Campus Centre of the department cannot be denied the privileges due to his post. One cannot have two or three types of professors within a single system. It almost sounds like the obnoxious caste system of the past, where somebody was touchable and some - one else untouchable. If we have professors, let there be only one type of Professor and let them be given all their due privileges irrespective of their place of working.

Contd./.../-

2. A Centre participates in the academic activities of the School as much as do the departments. The difference perhaps lies in the mode of teaching and the emphasis. Therefore, why should they be denied Deanship when their turn comes.
3. If there is a fear that a Dean from the Centre will not be able to do justice to the departments, I think the Centres can also have similar fears from Deans hailing from Departments. The University cannot deny the due of the Centres and the Campuses, they have also not only to survive but blossom.
4. The Campuses have over the years been neglected and have become like backyards of the University. In the absence of a Dean in the Campus, for every small thing one has to run to the Headquarters, which besides being time consuming is also troublesome. A Dean from the Campus is therefore very necessary. Let this be accepted in principle the modalities can be worked out.

(H) Comments of Dr. R. N. Prasad, Reader and Head, Department of Public Administration, Mizoram Campus, Aizawl.

While going through the representation submitted to the Executive Council and also the meeting resolutions circulated by the members of the centres, it appears that the centres are not conducting post graduate teaching and research works. Now there is a question whether the centres of studies may be equal to the post graduate departments of the University.

To me to equate the centres of studies to the P G Departments does not appear to be justified. Because the post graduate departments mainly deal with high level of knowledge in the subject and also carry out research works/field studies in different areas of concerned subjects. Therefore, question does not arise to appoint a Professor of the centre as the Dean of the School.

Since a Professor of the Centre has no direct concern with the functioning and day to day problems of the P G Department, a very new person appointed as a Dean from the centre can hardly work effectively.

Contd/.../-

6:2:1(20)

I further state that it does not seem to be healthy practice in appointing the Professor of post graduate departments of Shillong Campus as the Deans of the different schools and also the Heads of Departments whereas this University has three campuses viz: Shillong, Mizoram and Nagaland. As you know well, there is a Post Graduate teaching in some common subjects like English, Economics, Education and History etc. in all three campuses. As experience shows, no Professors of the post graduate departments dealing with common subjects of this two campuses have been appointed as the Deans of Schools which appears to be unhealthy practice and also is not in keeping with the existing rules/regulations of the University. Not only but discrimination by not appointing the Professors of these two campuses as Deans and Heads hampers the academic progress of these two campuses and thereby leads very senior teachers of these two campuses to academic frustration. It is further stated that the post graduate departments of these two campuses are equal to the post graduate department of Shillong campus in all respect. There is no distinction either at the level of teaching courses or at the level of selection procedure.

Therefore I express my considered opinion on the issue that the University should give equal position to the faculty members of the post graduate departments of all the three campuses with a view to keeping up the morale of the faculty members and also enhancing academic excellence of the University. Hence, I suggest that one who is the senior most Professor of P.G Department teaching common subject in all the three campuses, may be given an opportunity to undertake the responsibility of Deanship/Headship irrespective of any kind of discrimination based on campuses-Shillong, Mizoram and Nagaland. This, I think would be helpful and Nagaland.

This is also true that administrative inconvenience in dealing with academic problems from distance should not be taken into consideration while granting an equal position to the Professors of Mizoram and Nagaland campuses as regards the offer of senior and responsible positions to them. After all, the post graduate departments of these two campuses are into-to similar to the post graduate department of Shillong campus so far as the structure/set up of the post graduate department is concerned. Hence I request you very kindly to do something concrete in dealing with this issues in the larger interest of the University.

(i) Review of Study leave rules

The Committee duly constituted for the purpose of examining the provisions of the University Ordinance OE 5 regulating study leave to teachers and the UGC guidelines in this respect has submitted its recommendation which is attached at Annexure-'A' for favour of consideration by the Academic Council.

In this respect Extract of Ordinance OE-6 relating to Study leave is also enclosed at Annexure-'B' and extract of the UGC guidelines for grant of study leave is also enclosed at Annexure-'C'.

The matter is placed before the Council for considering review of the Study leave rules.

ANNEXURE-'A'

Minutes of the Meeting of the Co-ordination Committee on Study Leave Rules held on October 4, 1991 at 2 P.M.

Members present:

1. Prof. K. Chatterjee
2. Prof. (Mrs) K. S. Lyngdoh
3. Prof. B. Paken

The Committee discussed the University Ordinance and the University Grants Commission guideline relating to Study Leave Rules contained in letter No. G.7-1/Acad/84-91 Dated September, 17, 1991 from the Pro-Vice-Chancellor, North-Eastern Hill University, Shillong Campus to the members and recommended the following:-

1. That Study Leave may be granted on full pay for the first year and on half pay for the second year and no pay shall be admissible thereafter as per the University Ordinance Section 10 Vii (a) of OE-6.
2. That while house rent allowance shall be allowed compensatory allowance shall not be allowed during the period of study leave. Section 10(b) OE-6 be amended accordingly.
3. That the "Scholarship etc." received by a teacher granted study leave shall not (repeat not) be taken into account in determining the pay and allowances on which the study leave may be granted. Section 10(viii) of OE-6 be amended accordingly.
4. That any remuneration in respect of part-time employment during the period of study leave shall not effect the leave salary payable to a teacher granted study leave as per Section 10(ix) of OE-6.
5. That the provision of the University Ordinance and the University Grants Commission guidelines be implemented with effect from June 6, 1991 as per U.G.C guidelines No. F.1-72/89/PPP dated August 5, 1991.
6. That study leave will not be admissible if a teacher is required to repeat a Master's degree course in a foreign University.

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7. That study leave may be granted to permanent whole time teacher with not less than two years as per U.G.C. guidelines instead of not less than three years as per University Ordinance. Section 10(i) of OE-6 be amended accordingly.
8. That study leave granted to a teacher shall be deemed to be cancelled in case it is not availed of within 12 months of its sanction as per section 10(xiii) of OE-6 instead of 6 months as per U.G.C. guidelines.
9. The following guidelines may apply while determining the admissibility of pay and allowances where financial assistance is received by a teacher granted study leave:-
 - a) \$ 25,000 or above per annum - leave shall be granted without pay;
 - b) \$ 15,000 and above but less than \$ 25,000 per annum leave on half - pay and
 - c) Less than \$ 15,000 per annum leave with full pay.Section 10(ix) of OE-6 be amended accordingly.

The Committee ended with a Vote of Thanks to the members.

Sd/-B. Pakem,
Dean, School of Social Sciences
and Coordinator, Committee
on Study Leave Rules, NEHU,
Shillong, Meghalaya.

ANNEXURE 'B'

Study Leave- 10(i) Study leave may be granted to a permanent whole time teacher with not less than three years continuous service to pursue a special line of study or research or to make a special study of the various aspects of University organisation and methods of education, if the University is likely to benefit by the course of study or programme of research which the applicants wishes to undertake.

Provided that the Executive Council may, in the special circumstances of a case, waive the conditions of three years service being continuous.

EXPLANATION :- In comparing the length of service, the during which a person was on probation or engaged as a research assistant may be reckoned, provided.

(a) the person is a teacher on the date of the application and

(b) there is no break in service.

(ii) Study leave shall be granted on the recommendation of the School Board. The leave shall not be granted for more than two years save in very exceptional cases in which the Executive Council is satisfied that such extension is unavoidable on academic grounds and necessary in the interest of the University.

(iii) Study leave shall not be granted to a teacher who has not served the University continuously for a period of three years after the expiry of the last spell of the extra-ordinary leave under clause 8(ii) or 8(iii) sabbatical leave or who is due to retire within three years of the date on which he is expected to return to duty after the expiry of study leave.

(iv) Study leave may be granted more than once provided not less than 5 years have elapsed after the teacher returned to duty on completion of earlier spell of study leave or sabbatical leave or

Provided that in such cases of study leave where the substitute pay is borne partly or fully by any outside agency, one may avail the next spell of study leave after a period of three years only.

Contd/.../-

(v) No teacher who has been granted study leave shall be permitted to substantially alter the course of study or the programme of research without the permission of the Executive Council. When the course of study falls short of the study leave sanctioned, the teacher shall resume duty on the conclusion of the course of study unless previous approval of the Executive Council to treat the period of short fall as extra-ordinary leave has been obtained.

(vi) Sabbatical leave cannot be continued with extra-ordinary leave.

(vii)(a) Subject to the provision of sub clause (viii) and (ix) below study leave may be granted on full pay for the first year and on half pay for the second year and no pay shall be admissible thereafter.

Provided that when teacher is awarded a Fellowship/Scholarship by the Government of India/University Grants Commission in United Kingdom or other bonofied agency for which the University nomination was forwarded, the pay of the teacher shall be governed by the condition stipulated for the award.

NOTE:- The term pay refers to average pay and shall be calculated as mentioned in clause 21 of this Ordinance.

(b) The teacher shall not ordinarily be entitled to house rent allowance during the period of study leave, Provided that the Vice-Chancellor may be in view of the special circumstances of a case, sanction the payment of such allowance in part or in full.

(viii) The amount of scholarship, fellowship or other financial assistance that a teacher granted study leave has been awarded will not preclude his being granted study leave with pay and allowance but the scholarship etc. so received shall be taken into account in determining the pay and allowance on which the study leave may be granted.

(ix) If a teacher who is granted study leave is permitted to receive and retain any remuneration in respect of part time employment during the period of study leave, he shall ordinarily not be granted any study leave salary, but in case where the amount of remuneration received in respect of part time employment is not considered adequate the Executive Council may determine the study leave salary payable in each case.

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NOTE:- It shall be the duty of the teacher granted study leave to communicate immediately to the University financial assistance in any form received by him during the course of study leave from any person or Institution whatsoever.

(x) Subject to the maximum period of absence from duty on leave not exceeding three years, study leave may be combined with earned leave at the credit of the teacher shall be availed at the commencement of the study leave. When study leave is taken in continuation of a vacation, the period of study leave shall be deemed to begin to run on the expiry of the vacation.

(xi) A teacher granted study leave shall on his return and rejoining the service of the University be eligible to the benefits of the annual increment(s) which he would have earned in the course of time if he had not proceeded on study leave. No teacher shall, however be eligible to receive arrears of increments.

(xii) Study leave shall count as service for pension/CPF provided the teacher rejoins the University on the expiry of his study leave.

(xiii) Study leave granted to the teacher shall be deemed to be cancelled if it is not availed of within 12 months of its sanction.

Provided that where the study leave granted has been so cancelled the teacher may apply again for such leave.

(xiv) A teacher availing the study leave shall undertake that he shall serve the University of a continuous period of at least three years to be calculated from the date of his resuming duty after expiry of the study leave.

(xv) A teacher:-

- (a) Who is unable to complete his studies within the period of study leave granted to him or,
- (b) Who failed to rejoin the service of the University on the expiry of his study leave or
- (c) Who rejoin the University but leave the services within three years of the date of rejoining the service or.

(d) Who within the said period is dismissed or removed from service by the University shall be liable to refund to the University the amount of leave salary, allowance and other expenses incurred on the teacher or paid to him or on his behalf in connection with the course of study, plus such amount as may be decided by the Executive Council from time to time if the teacher is allowed to go abroad for study leave together with interest thereon the rate of 6% per annum.

Explanation : If a teacher asks for extension of study leave and if not granted the extension but does not rejoin on the expiry of the leave originally sanctioned he will be deemed to have failed to rejoin the service on the expiry of his leave for the purpose of recovery of the dues under this Ordinance.

(a) Notwithstanding the above, the Executive Council may order that nothing in this Ordinance shall apply to a teacher who within three years on return to duty from study leave is permitted to retire from service on medical grounds.

Provided further that the Executive Council may, in any other exceptional case, waive or reduce, for reasons to be recorded, the amount of refundable by a teacher under this Ordinance.

(xvi) After the leave has been sanctioned, the teacher shall, before availing of the leave, execute a bond in favour of the University binding himself for the fulfilment of the conditions laid down in sub-clause (xiv) and (xv) above and give security of immovable property to the satisfaction of the Finance Office or a fidelity bond of an Insurance company, or a Guarantee by a Scheduled Bank or furnish security of two permanent teachers for the amount which might be refundable under clause (xv) above.

(xvii) The teacher shall submit to the Registrar six monthly reports of progress in his studies from his supervisor or the Head of Institutions. This report shall reach the Registrar within one month of the expiry of every six months of the study leave. If the report does not reach the Registrar within the time specified the payment of leave salary may be deferred till the receipt of such report.

Note: On return from study leave, the teacher shall report to the University, through the Head of Department, the nature of his work and his achievement. He shall also present a resume of his work in a School-level seminar, specially organised for the purpose by the Head of the Department.

6:3:1:(9)

ANNEXURE-'C'

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI - 110 002

No:F.1-72/89(CPF)

July, 1991.

The Registrar,
All Universities and Institutions
Deemed to be Universities
(Excluding Agricultural, Engineering
and Medical Universities).

Subject: Grant of Study leave to University and College teachers-
revision of guidelines for determination of admissibility
of pay and allowances.

Sir/Madam,

I am directed to invite your attention to this office D.O.
No.F.1-108/76 (CPI) dated 22nd July, 1978 from the Secretary, UGC,
enclosing therewith guidelines for the grant of study leave for
University and College teacher.

The question of revision of criteria which was earlier
laid down on the basis of the cost of living prevailing in 1978 for
the entitlement of pay and allowances admissible to a teacher
granted study leave as contained in Sub-Paras a, b and c of Para
(vii) of the guidelines enclosed to the above noted letter had
been under the consideration of the Commission for some time. Keeping
in view the high cost of living and the financial difficulties being
faced by Indian Scholars going abroad on study leave, the Commission
at its meeting held on 6th June, 1991 has decided that the following
guidelines may be followed for determining admissibility of pay and
allowances for the purpose of granting study leave to a teacher who
is expected to receive scholarship/fellowship or any other kind of
financial assistances.

Sl.No.	Value of Scholarship/Fellowship <u>Financial Assistance per annum</u>	Nature of Study leave <u>to be granted</u>
a)	\$ 20,000 or above	Study leave without pay
b)	\$ 10,000 and above but less than \$20,000	Study leave with half pay
c)	Less than \$ 10,000	Study leave with full pay

Contd/.../-

The above guidelines will come into force w.e.f. 6th June, 1991.

The University is also requested to bring the revised guidelines to the notice of the colleges affiliated to it.

The receipt of this letter may please be acknowledged.

Yours faithfully,

Sd/-Gurcharan Singh
Under Secretary

Copy for information to:

1. All Officers and Sections in the UGC.

Sd/-B.K.Hastwala,
Section Officer

REVISED GUIDELINES FOR GRANT OF STUDY LEAVE

- P.1.i. Study leave may be granted to a permanent whole time teacher (other than a Professor of a University) with not less than two years continuous service to pursue a special-line of study or research directly related to his work in the University organisation and methods of education giving full plan of work.
- ii. Study leave shall be granted on the recommendation of the Advisory Committee, but leave shall not be granted for more than two years, save in very exceptional cases in which the Executive Council is satisfied that such extension is unavoidable on academic grounds and necessary in the interest of the University. The period of Study leave shall, in no case, exceed three years.
- iii. Study leave shall not be granted to a teacher who is due to retire within three years of the date on which he is expected to return to duty after the expiry of Study leave.
- iv. Study leave may be granted more than once provided that not less than five years have elapsed after the teacher returned to duty on completion of earlier spell of study leave. For subsequent spell of study leave, the teacher shall indicate the work done during the period of earlier leave as also give details of work to be done during the proposed spell of study leave.
- v. No teacher who has been granted study leave shall be permitted to alter substantially the course of study or the programme of research without the permission of the Executive Council. When the course of study falls short of study leave sanctioned, the teacher shall resume duty on the conclusion of the Course of study unless the previous approval of the Executive Council to treat the period of short-fall as Extra-Ordinary leave has been obtained.
- vi. The teacher granted study leave would be entitled to continue to draw their total emoluments for the duration of the study leave as are applicable to teachers granted fellowships under the Faculty Improvement Programme of the University Grants Commission except the living expenses.

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allowances of Rs. 250/- p.m. The necessary increment will also be
allowances of Rs. 250/- p.m. The necessary increment will
also be sanctioned as and when due. However, the amount
of the allowances payable to the teachers of study leave
shall be reduced subject to the provisions of Sub-Clause
(VII) and (VIII) below.

vii. the amount of scholarship/fellowship or other financial
assistance that a teacher granted study leave has been
awarded, will not preclude his being granted study leave
with pay and allowances but the scholarship etc. So
received shall be taken into account in determining the
pay and allowance on which the study leave may be granted.

The following guidelines may apply while determining the
admissibility of pay and allowance where financial assistance
is received by a teacher is :-

- a) ₹ 20,000 or above per annum-leave shall be granted without pay;
- b) ₹ 10,000 and above but less than ₹ 20,000 per annum leave on half-pay and
- c) less than ₹ 10,000 per annum leave with full pay.

A teacher, who is granted study leave, is permitted to receive and retain any remuneration in respect of part-time employment during the period of study leave, he shall ordinarily not be granted any study leave salary, but in cases, where the amount of remuneration received in respect of part-time employment is not considered adequate, the Executive Council may determine the study leave salary payable in each case.

Note: It shall be the duty of the teacher granted study leave to communicate immediately to the University the amount of financial assistance in any form received by him during the course of study leave from any person or Institution whatsoever.

- ix. Subject to the maximum period of absence from duty on leave not exceeding three years, study leave may be combined with earned leave, half-pay leave, extra-ordinary leave or vacation provided that the earned leave at the credit of the teacher shall be availed of at the commencement of the study leave. When study leave is taken in continuation of vacation, the period of study leave shall be deemed to begin to run on the expiry of the vacation.
- x. The period of study leave shall count as service for the purposes of retirement benefits, provided that the teacher rejoins the University on the expiry of his study leave, and serve for the period for which the bond has been executed.
- xi. Study leave granted to a teacher shall be deemed to be cancelled in case it is not availed of within 6 months of its sanction.
- xii. Provided that where study leave, shall undertake that he shall serve the University continuously for double the period of study leave subject to a maximum of three years from the date of his resuming duty after expiry of the study leave.
- xiii. A teacher -
- a) Who is unable to complete his studies within the period of study leave granted to him, or
 - b) Who fails to rejoin the service of the University on the expiry of his study leave, or
 - c) Who rejoins the service of the University but leaves the service without completing the prescribed period of service after rejoining the service, or
 - d) Who within the said period is dismissed or removed from the service by the University.

Shall be liable to refund to the University, the amount of leave salary and allowance and other expenses, incurred on the teacher or paid to him or on his behalf in connection with the course of study.

Provided that if a teacher had served in the University

Contd./ -

for a period of not less than half the period of services under the bond on return from study leave, he shall refund to the University half of the amount calculated as above. In case the teacher has been granted study leave without pay and allowances, he shall be liable to pay to the University an amount equivalent to his four months pay and allowances last drawn as well as other expenses incurred by the University in connection with the course of study.

EXPLANATION:

If a teacher asks for extension of study leave and is not granted the extension but does not rejoin duty on the expiry of the leave originally sanctioned, he will be deemed to have failed to rejoin the service on the expiry of his leave for the purpose of recovery of dues under these rules.

e) Notwithstanding the above, the Executive Council may order that nothing in these rules shall apply to a teacher who within three years of return to duty from study leave is permitted to retire from service on medical grounds. Provided further that the Executive Council may, in any other exceptional case, Waive or refundable by a teacher under these rules

xiv. a) After the leave has been sanctioned, the teacher shall, before availing of the leave, execute a bond in favour of the University in the prescribed form undertaking to serve the University for not less than double the period of study leave sanctioned to him on full, half or no pay subject to a maximum period of three years.

b) In addition to executing a bond as aforesaid the teacher shall have to provide two sureties when study leave is granted to him on full pay and one surety when study leave is granted to him of half pay or no pay and give security of immovable property to the satisfaction of the University or a Fidelity Bond of an Insurance Company, or a Guarantee by a Scheduled Bank. The Sureties furnished should be acceptable to the University.

Where the two sureties or the one surety, as the case may be, provided by the teacher are these who are permanent teachers of the Institution to which the teacher belongs, the University may, in its discretion, waive the additional requirement of getting security of immoveable property or a Fidelity bond of an Insurance Company or a Guarantee by a Scheduled Bank. The surety Clause shall form part of the study leave Bond and the persons giving surety shall be liable to pay to the University the amount recoverable from the teacher concerned on his failure to fulfill the obligations of the bond.

XV. The teacher shall submit to the registrar six monthly reports of progress in his studies from his supervisor or Head of the Institution. This report shall reach the Registrar within one month of the expiry of every six months of the study leave. If the report does not reach the Registrar within the time specified, the payment of salary may be deferred till the receipt of such report.

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6:6 - Service Conditions etc.

- (i) Minimum Qualifications prescribed for appointment of Lecturers, Readers and Professors in subjects other than Fine Arts, Management, Engineering and Technology in Universities and Colleges.

In pursuance of the revision of the scales of pay of University and college teachers the University Grants Commission in consultation with the Ministry of Human Resource Development, Department of Education, New Delhi finalised the revised qualifications for recruitment of teachers, namely, Lecturers, Readers and Professors in the Universities and Colleges. The revised qualifications have been incorporated in the University Grants Commission Regulations which has been notified in Gazette of India on 5.10.91. The revised qualifications came into effect from 19.9.91.

A copy of the letter No.F.1-11/87(GPP) dated 28.10.91 with enclosures may be seen at annexure "A". A copy of the UGC letter No.F.4-12/86(NET) dated 30.1.90 is placed at annexure "B".

The matter is placed for information and consideration of the Council.

UNIVERSITY GRANTS COMMISSION
BARADUR SHAH ZAFAR MARG
NEW DELHI

No.F.1-11/87(CP)

28th October, 1991.

The Registrar,
North Eastern Hill University,
Shillong - 793 001.

Subject : - Minimum qualifications prescribed for appointment of Lecturers, Readers and Professors in subjects other than Fine Arts, Management, Engineering and Technology in Universities and Colleges.

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Dear Sir/Madam,

I am directed to say that in pursuance of the revision of scales of pay of University and College teachers as Notified by the Government of India, Ministry of Human Resource Development, Department of Education, vide letter No.F.1-21/1987-U.I. dated 22nd July, 1988, the University Grants Commission had under consideration the revision of minimum qualifications required for recruitment of teachers (Lecturers, Readers and Professors) in Universities and Colleges. These qualifications have since been finalised and approved by the commission in consultation with the Ministry of Human Resource Development, Department of Education, New Delhi.

The Regulations framed by the Commission for qualifications requires of a person to be appointed to the teaching staff of a University and Institution(s) affiliated to it have been Notified in the Gazette of India on 5th October, 1991. The revised qualifications will take effect from 19.9.1991.

It may please be noted that the instructions as contained in UGC letter No.F.4-12/86 (NET) dated 30th January, 1990 stand without any change.

A copy of the Notification is enclosed herewith for information and necessary action. It is requested that the contents of the letter may also be brought to the notice of Colleges affiliated to your University.

Receipt of the letter may please be acknowledged.

Yours faithfully,

SC/

(Gurcharan Singh)
Under Secretary.

PUBLISHED IN THE GAZETTE OF INDIA ON 5TH OCT., 1991
PART III SECTION 4

UNIVERSITY GRANTS COMMISSION
B. HADURSHAH ZAFAR MARG
NEW DELHI-110 002

No.F.1-1 /87 (CPF)

Dated : 19th September, 1991.

NOTIFICATION

In exercise of the powers conferred by clause (e) of sub-section (1) of Section 26 read with Section 14 of University Grants Commission Act, 1956 (3 of 1956). and in supersession of the Regulations issued under University Grants Commission letter No.F-1-93/74(CP) part (V) dated 13th June, 1983 and Notifications No.1-93/74 (CP) dated 19th February, 1985 and 26th November, 1985, the University Grants Commission hereby makes the following regulations, namely:-

1. Short Title, application and Commencement :

- (i) These regulations may be called the University Grants Commission (Qualifications required of a person to be appointed to the teaching staff of a University and Institution affiliated to it) Regulations, 1991.
- (ii) They shall apply to every University established or incorporated by or under a Central Act, Provincial Act or a State Act, every institution including a constituent or an affiliated college recognised by the Commission, in consultation with the University concerned under Clause (f) of section 2 of the University Grants Commission Act, 1956 and every institutions deemed to be a University under Section 3 of the said Act.
- (iii) They shall come into force with immediate effect.

2. Qualifications :

No person shall be appointed to a teaching post in University or in any of Institutions including constituent or affiliated colleges recognised under clause (f) of Section 2 of the University Grants Commission Act, 1956 or in

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an institution deemed to be a University under Section 3 of the said Act in a subject if he does not fulfil the requirements as to the qualifications for the appropriate subject as provided in the Schedule I.

Provided that any relaxation in the prescribed qualifications can only be made by a University in regard to the posts under it or any of the institutions including constituent or affiliated colleges recognised under clause (f) of section 2 of the aforesaid Act or by an institution deemed to be a University under Section 3 of the said Act with the prior approval of the University Grants Commissions

Provided further that these regulations shall not be applicable to such cases where selections through duly constituted selection committees for making appointments to the teaching posts have been made prior to the enforcement of these regulations.

3. Consequences of failure of Universities to comply with recommendations of the Commission ; as per provisions of Section 14 of the University Grants Commission Act; 1956 :

If any University grants affiliation in respect of any course of study to any college referred to in sub-section (5) of section 12-A in contravention of the provisions of that sub-section or fails within a reasonable time to comply with any recommendation made by the Commission under Section 12 or Section 13, or contravenes the provisions of any rule made under clause (f) or clause (c) of sub-section (2) of section 25 or of any regulation made under clause (c) or clause (f) or clause (g) of section 26, the Commission, after taking into consideration the cause, if any shown by the University for such failure or contravention, may withhold from the University the Grants proposed to be made out of the Fund of the Commission.

Sd/-

(Y.N. Chaturvedi)
Secretary.

To

The Manager, Govt. of India Press,
Faridabad.

Minimum qualifications for the posts of Professors, Readers and Lecturers in subjects other than Fine Arts, Management Engineering and Technology in Universities & Colleges for appointment of persons through open advertisement and for promotion of persons as Reader and placement in Selection Grade Lecturer and Senior Scale Lecturer.

Professor

(1)

An eminent scholar with published work of high quality actively engaged in research with 10 years of experience in postgraduate teaching and/or research at the University/ National level Institutions, including experience or guiding research at doctoral level.

OR

An outstanding scholar with established reputation who has made significant contribution to knowledge.

(2)A

Reader (Open Selection)

Good academic record with a doctoral degree or equivalent published work. Candidates from outside the University system in addition shall also possess atleast 55 % marks or an equivalent grade at the Master's degree level.

Eight years experience of teaching and/or research including upto 3 years for research degrees and has made some mark in the areas of scholarship as evidenced by quality of publications contribution to educational renovation, design of new courses and curricula.

(2)B

Reader (Promotion)

As regards the promotion to the post of Reader in accordance with the scheme of revision of pay scales of teachers in Universities and colleges notified by the Government of India Vide Notification No.F.1-21/87-U.I. dated the 22nd July, 1988, the guidelines are circulated by the University Grants Commission vide its letter No.F.1-6/90 (PS Cell) dated the 23th January, 1990.

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Lecturer

(3)A (a) ARTS, SCIENCES, SCHOOL SCIENCES, COMMERCE, EDUCATION,
PHYSICAL EDUCATION, FOREIGN LANGUAGES AND LAW.

Good academic record with atleast 55% marks or an equivalent grade at Master's degree level in the relevant subject from an Indian University or an equivalent degree from a foreign University.

Candidates besides fulfilling the above qualifications should have cleared the eligibility test for Lecturer conducted by UGC, CSIR or similar test accredited by the UGC.

(b) JOURNALISM AND MASS COMMUNICATION

Good academic record with atleast 55 % marks or an equivalent grade at Master's degree level in communication/mass communication, journalism from an Indian University or an equivalent degree from a foreign University.

Candidates besides fulfilling the above qualifications should have cleared the eligibility test for Lecturer conducted by UGC, CSIR or similar test accredited by the UGC.

OR

Atleast 55% marks or an equivalent grade at Master's degree level in Social Sciences/Sciences/Humanities with atleast second class bachelor's degree or Post-graduate diploma in communication/mass communication or journalism from a recognised Indian University/National Institute.

Candidates besides fulfilling the above qualifications should have cleared the eligibility test for Lecturer conducted by UGC, CSIR or similar tests accredited by the UGC.

(c) MUSIC

Good academic record with atleast 55% marks or an equivalent grade at Master's degree level in relevant subject or an equivalent degree from an Indian/Foreign University.

Candidates besides fulfilling the above qualifications should have cleared the eligibility test for Lecturers conducted by UGC, CSIR or similar test accredited by the UGC.

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