

NORTH-EASTERN HILL UNIVERSITY  
SHILLONG- 793 001

No: AC:40-1/Conf/89-433 Dated Shillong the 25th October, 1990.

To

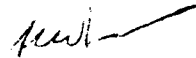
The Members of the  
Academic Council,  
North-Eastern Hill University.

Subject: Agenda papers for the 40th Meeting of the Academic Council.

Sir/Madam,

I am forwarding herewith the Agenda papers for the 40th Meeting of the Academic Council Scheduled to be held on the 1st November, 1990 at 11:00 A.M. for favour of your information and consideration.

Yours faithfully,



(H. W. T. Syiem)  
Officer on Special Duty

Enclo:a.a

AGENDA PAPERS FOR THE FORTIETH MEETING OF THE ACADEMIC COUNCIL

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(i) CONFIRMATION OF THE MINUTES OF THE  
39TH MEETING OF THE ACADEMIC COUNCIL

The minutes of the 39th meeting of the Academic Council held on 23.6.90 and 21.7.90 have been circulated for comments. The received from the members are as under :-

Comments of the Pro Vice-Chancellor, Mizoram Campus on resolution No.AC:39:90:5:08(iii) regarding membership of Heads of Campus Departments in the Academic Council.

As far as I remember, the Council decided that the Heads of the Campus' Departments will henceforth become ex-officio members of the Academic Council, and the same Committee was asked to look into the provision for making them members of BUGS, BPGS, School Board and Board of Research Studies and submit its report to the Academic Council. The minutes circulated does not reflect clearly the decision regarding membership of the Campus' Heads in the Academic Council. I request that necessary correction may be made in the minutes.

Comments of the Principal, Pachhunga University College.

On resolution No.AC:39:90:5:06(vi) regarding the 3yr integrated Degree Programme. The resolution is not exactly what we have resolved in the House. There is no mention of including members from Colleges. This may kindly be modified by including members from college Principals and teachers in the proposed committee.

On resolution No.AC:39:90:6:06(i) regarding Format for Performance Appraisal of College and University teachers

The format for performance appraisal of College Teachers was resolved to be used for placement to Senior Scale of Lecturer or to Selection Grade is not properly spelt out in the resolution. This is clearly given in the Ministry of Human Resource Development Letter No.F.1-21/87-UI dated 17th June, 1987 on the subject "Revision of Pay Scales of teacher in Universities and Colleges and other measures for maintenance of standards in Higher Education". Therefore in the light of the Academic Council discussion this resolution of No.AC:39:90:6:06:(i) does not give clearly that this format for Performance Appraisal is meant for placement of Lecturers to Senior

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Scale of Lecturer or Selection Grade. This may kindly be included in the resolution as discussed in the Academic Council.

Comments submitted jointly by Prof. G.S.Khan, Dr. Vijay Kumar, Prof. H.Junjappa and Prof.P.Shukla :

On resolution No.AC:39:90:5:01(iii) regarding the Revised Ordinances on Ph.D/H.Phil Programmes :

We have noticed that one very important aspect (namely course work) has not been included in the minute and in the revised draft of Ph.D. ordinance even though, there was a long deliberation on this issue in the Academic Council. I would like to bring to your kind attention the fact that during long discussion on desirability of course work in Ph.D. programme, it was observed that many departments wanted course work in Ph.D. programme with the plea that these courses are essential to bring the candidates to the desired level of research problems and work. Moreover, inclusion of course work in M.Phil programme and exclusion of course work in the programme leading to much higher degree namely Ph.D. is a serious academic discrepancy. Some departments did not feel the necessity of course work in Ph.D. programme. Keeping these two opinions in view, finally decision of Academic Council was that even though course work may not be mandatory, those departments who want to have courses in Ph.D. programme may have courses numbering from two to four. But in one department the number will not vary. The courses will be formally examined and the grades of the courses would be reflected in the result as usual.

The only mention in the minutes in this regard is item (iv) in page (3) saying "The Vice - Chancellor is authorised to decide on and approve the optional course work, where necessary." This is not in consistence with/<sup>what</sup> was decided in Academic Council.

Therefore, we request you to kindly correct the minutes by including the underlined portion as mentioned above in the revised draft and in the minutes.

The matter is placed before the Council for consideration of Confirmation of the minutes.

(i) Allocation of marks for M.Sc Chemistry.

While approving the revised syllabus and course structure for M.Sc Chemistry, the Academic Council, in its 39th meeting decided that the total marks for the programme should be 1800 as in other practical oriented Science Departments.

The Board of Post-Graduate Studies has revised the course structure with marks allocation for a total of 1800. The revised course structure is placed at Annexure - 'A'.

The matter is reported to the Council for information.

## Course Structure

First Semester

<u>Course Number</u>	<u>Name of Course</u>	<u>Marks</u>
CHEM -401	Inorganic Chemistry-I	100
CHEM- 421	Organic Chemistry-I	100
CHEM- 441	Physical Chemistry-I	100
CHEM- 461	Quantum Chemistry	75
CHEM- 402	Laboratory Course(Inorganic)	125
	Total	500

Second Semester

CHEM- 403	Inorganic Chemistry-II	100
CHEM- 422	Organic Chemistry-II	100
CHEM- 442	Physical Chemistry-II	100
CHEM-462	Chemical Binding and Molecular Spectroscopy	75
CHEM- 423	Laboratory Course(Organic)	125
	Total	500

Third Semester

CHEM- 404	Inorganic Chemistry - III	100
CHEM- 424	Organic Chemistry- III	100
CHEM- 443	Physical Chemistry- III	100
CHEM- 463	Application of Spectroscopic Methods	75
CHEM -444	Laboratory Course(Physical)	125
	Total	500

Fourth Semester

CHEM- 464	Analytical Chemistry and Computers	75
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Elective Course\*

CHEM-501	Inorganic Chemistry - IV	100
CHEM-521	Organic Chemistry-IV	100
CHEM-541	Physical Chemistry-IV	100

Project Work

CHEM-511	Project Work(Inorganic)	125
CHEM-531	Project Work(Organic)	125
CHEM-551	Project Work(Physical)	125

\*

Grand Total 1800

\*\* Candidate has to offer only one course out of the above three in IV Semester.

(ii) Action taken on the minutes of the  
39th meeting of the Academic Council

1. Action has been taken on the following resolutions:

No:AC:39:90:5:01(i) }  
No:AC:39:90:5:01(ii)} Amendments referred to the ministry.

No:AC:39:90:5:06(ii) Committee constituted and the Draft  
Ordinance is awaited.

2. The following cases are being placed before the Executive  
Council for approval :

No:AC:39:90:6:01(i) : Qualification/Specialisation for recruitment  
to teaching positions in Anthropology Department.

No:AC:39:90:5:02(i) : Introduction of Tenyidie at Degree level.

No:AC:39:90:5:06(iii): Introduction of a Master Degree Course in  
Information Management.

No:AC:39:90:5:06(iv) : Introduction of a Course on Numerical Method  
as applied to computers.

No:AC:39:90:5:06:(v): Opening of new depts./centres under the  
School of Environmental Sciences.

No:AC:39:90:5:08(iv): Prof. M.K.Khare Memorial Prize

No:AC:39:90:5:08(vii): Revival of one year M.L. Course.

No:AC:39:90:6:06(i) : Format for Performance appraisal for College  
and University Teachers.

3. The following cases are under process :

No:AC:39:90:5:02(ii) }  
No:AC:39:90:5:02(iii)} Intimation have not been received from the  
concerned departments.

No:AC:39:90:5:03(ii): School Boards decision awaited.

No:AC:39:90:5:08(iii): Committee report awaited.

No:AC:39:90:5:02(v) : Revised syllabus awaited.

Item No. 3 RATIFICATION OF ACTION TAKEN BY THE  
VICE-CHANCELLOR :

- (i) Nomination of North-Eastern Hill University representatives in the Governing Body of affiliated colleges.

The Vice-Chancellor has nominated University representatives in the Governing Body of the following Colleges:

<u>Name of the Colleges</u>	<u>University Representative</u>	<u>Term</u>
1. Lady Kean College, Shillong.	1. Prof.(Mrs) S.Miri, Department of Philosophy, NEHU, Shillong.	3 years w.e.f. 18.7.1990.
	2. Dr(Mrs) B.Lynden, Department of Continuing Education, NEHU, Shillong.	-do-
2. Hrangbana College, Mizoram.	1. Prof. A.K.Sharma, Department of Public Administration, NEHU, Mizoram Campus.	2 years w.e.f. 19.3.1990.
	2. Shri S.K.Ghosh, Lecturer, Department of Economics, NEHU, Mizoram Campus, Aizawl.	-do-

The matter is placed before the Council for ratification.

- (ii) Extension of term of NEHU representatives in the Governing Body of affiliated colleges.

The Vice-Chancellor has extended the term of Prof. H. Junjappa, Department of Chemistry and Prof. R. P. Bajpai, Institute of Self Organising Systems and Bio-Physics, NEHU Shillong as University Representatives in the Governing Body of Shillong College, Shillong upto 30.9.1991.

The matter is placed before the Council for ratification.

(iii) Nomination of two members in the  
Affiliation Committee-

The Academic Council in its 30th meeting authorised the Vice-Chancellor to nominate two members to the Affiliation as nominees of the Academic Council.

The Vice-Chancellor has nominated Prof. M.Miri and Prof. B.Pakem to the Affiliation Committee as nominees of the Council.

The matter is placed before the Council for ratification.

(iv) Grant of provisional affiliation to  
North Eastern Regional Institute of  
Science and Technology, Itanagar -

The Academic Council, in its 39th meeting authorised the Vice-Chancellor to examine the Report of the Inspection Committee on provisional affiliation to North Eastern Regional Institute of Science and Technology, and to take a decision in the matter.

The Vice-Chancellor examined the report submitted by the Committee and has approved grant of provisional affiliation to North Eastern Regional Institute of Science<sup>and</sup> Technology with effect the academic year 1990-91 for a period of 3 years or till the North Eastern Regional Institute of Science<sup>and</sup> Technology Bill is approved by Parliament, which ever is earlier. The Report of the Inspection Committee is placed at Annexure - 'A'.

The matter is placed before the Council for ratification.

3:4(7) Annexure-1A  
REPORT OF THE INSPECTION COMMITTEE TO AFFILIATE  
NERIST WITH NEHU

As per the decision of the 96th meeting of the Academic Council vide Resolution No. AC:3.15.87(viii), an Inspection team to inspect the North East Regional Institute of Science and Technology, Itanagar was constituted by the Vice-Chancellor for affiliation of NERIST to NEHU for the interim period till their Act is approved by the Parliament. The Inspection Team consisted of the following members :

- |  |          |
|--|----------|
| 1. Prof. A.L.Verma   | Convener |
| 2. Prof. K.Chatterjee  | Member   |
| 3. Prof. R.R.Mishra  | Member   |
| 4. Shri G.C.Yadav, Jt.D.P.I.,<br>(Academic), Govt. of Arunachal<br>Pradesh, Itanagar as DPI's<br>nominee | Member   |

Prof. S.D. Phookan had already visited the NERIST quite few times and he had some prior engagement with M.C during the dates of visit of the team. But he told us that he knows most of the details of the Institute and he will give his views on the affiliation aspect of the Institute to NEHU along with other members of the team.

The Committee members left for NERIST on 24th July 1989 and visited laboratories, library, workshop and all other aspects of the Institute on 25th and 26th July. We specifically looked into the position of the teaching, technical and other necessary staff, library laboratory, workshop and other facilities available in the Institute for running various programmes for which the institute had sought affiliation for an interim period so that the Degrees and Diplomas can be awarded as NEHU Degrees if the Institute is affiliated to NEHU.

The NERIST project was approved by the Ministry of Human Resources Development, Delhi in September 1985 with provision to run 35 courses in engineering and technology and applied science streams at certificate, diploma and degree levels. The certificate and diploma programmes have already been recognised by the Ministry of Human Resources Development. Although NERIST is conceived as an autonomous institution with powers to award its own degrees/diplomas under an Act of Parliament but it may take little longer time for MHRD to approve the Bill of NERIST. I am enclosing a copy of the Inspection

Committee report along with four number of Appendices and one note, procedure for evaluation of candidates, curriculum (formulation and approval), library facilities, etc. As the Institute is funded by the Central Government through North Eastern Council, they have adequate funds and have generated adequate infrastructure and facilities to run the various programmes as requested by them. They have their own pattern based on IIT Delhi model for evaluation of students for various programmes which is different from our NEHU system. Based on our own assessment of the facilities and infrastructural facilities available there, the Committee recommends the affiliation of NERIST with NEHU for an interim period of three years or until the NERIST Bill is approved by the Parliament to run the Degree programme in the following disciplines :

- 1) Electronic Engineering
- 2) Civil Engineering
- 3) Electrical Engineering
- 4) Mechanical Engineering
- 5) Agricultural Engineering
- 6) Forestry
- 7) Computer Science and Engineering

The members noted that although there is only one lecturer in Computer Science but as shown in Appendix-III, six other teachers help the Computer Science programme which is usually the case in such multi-disciplinary area. The efforts should be made by the Institute to recruit more staff in the Computer Science Department and some other Departments.

OTHER SUGGESTIONS BY THE INSPECTION TEAM :

- 1) Since NEHU does not have any Engineering faculty and programmes, we suggest that NERIST should continue to conduct the examination as per their present schedule but after compilation of the result the NERIST administration should send the same to NEHU which should be approved by the V.C. and then only the result should be announced for the diploma and degree programmes.
- 2) The University should ask the NERIST authorities to send their syllabi for the diploma and degree programmes after they have approved by the Academic Bodies to be placed before the Academic Council of NEHU for consideration and approval.

- 3) There are certain provisions in our Act and Statutes to represent NEHU in their Governing Body, Academic Committees, Selection Committees for faculty etc. etc. NEHU should initiate process of nominating NEHU representatives in the various Bodies of NERIST alongwith V.C.'s nominee for selection Committee meetings as is done for the affiliated colleges.
- 4) Although it may not be within the purview of NEHU, but NEHU may suggest NERIST to encourage Academic Exchange Programmes, liberal TA/DA rules for the faculty and other technical staff, joining TA and similar other facilities provided by NEHU so that NERIST can retain and attract qualified staff because of its isolation from rest of the country. This is felt necessary in view of the many limitations for academic growth & interest of the faculty at NERIST.
- 5) NERIST should initiate immediate steps to start procuring some important journals in different disciplines and acquire sufficient books for running various programmes at degree and higher levels.
- 6) NERIST should try to generate infrastructure and facilities for carrying out research work in different disciplines. As an interim arrangement, NERIST may develop collaborative programmes with NEHU and some other Institutions.
- 7) As per the provision in our system, the Director, all the Professors and Deans at NERIST may be considered to become members of the Academic Council of NEHU which may provide proper feed-back from that Institute.
- 8) NEHU may consider asking NERIST to create a small Cell in NEHU for taking care of their various programmes for which NERIST should bear all the expenses. A suitable proposal in this connection may be submitted by NEHU to NERIST authorities.

Sd/- Prof. A.L.Verma  
Convener

3:4(5)

NORTH EASTERN HILL UNIVERSITY  
S H I L L O N G

INSPECTION REPORT

FOR FRESH AFFILIATION

1. Name of the Institute : North Eastern Regional Institute of Science and Technology
2. a) Year of affiliation corresponding University : Established by Govt. of India (MHRD) through North Eastern Council in 1985 (Appendix X): approved by the Cabinet to be finally a University through an Act of parliament, as an interim arrangement seeking affiliation with NEHU for the first time.
- b) Level to which affiliation sought : Upto Degree level courses i.e. Certificate, Diploma and Degree. Also to start research programme in due courses.
3. Affiliation/Permission sought to upgrade to or Introduce (a new subject ) for : i) Certificate as equivalent to 10+2  
ii) Diploma as 2-year Course after 10+2  
iii) B.Tech./B.Sc. as equivalent to Degree in :
1. Agricultural Engineering
  2. Civil Engineering
  3. Computer Science & Engineering
  4. Electrical Engineering
  5. Electronics Engineering
  6. Mechanical Engineering
  7. Forestry
  8. Horticulture

3:4(6)

Admission(for the last three :  
years)

Year	Base Module I	Diploma Module I	Degree Module I	(B.Tech./B.Sc)
1986	163	-	-	
1987	200	-	-	
1988	139	147	-	
1989	144	179	-	
1990	200	129(Likely)	140 + 40(Likely)	

(Results declared)

5. Results of University examination: The Institute has continuous internal evaluation during the last three years based on credit system of evaluation on the lines of the scheme of evaluation of I.I.T., Delhi.

Examination	Year	Percentage of Pass
Base I Year	1987	Please see appendix II
Base I & II Years	1988	
Base I & II Years	1989	
Diploma I Year		
Base I & II years	1990	
Dip. I & II Years		

6. In case the college is seeking : Not applicable  
Honours in a subject(s) for which  
it has already a Pass Course please  
give below the No. of students admitted  
in the last three years and their results  
for these years in the SUBJECT in which  
college has applied for Honours.

3.4(7)

FUND

- (a) Whether the Institute is having a Reserve Fund in long term Fixed Deposit  
If yes, the details thereof (Bank, etc of term Deposit Receipt, etc.)  
: The Institute receives Cent-percent grant-in-aid from Govt. of India through NEC
- (b) Present working Fund  
:
- . Qualification/Specialization of the Teaching Staff (of the relevant subjects only)  
: Please see appendix III

9. LAND AND SITE

- (a) Whether the Institute is having permanent bulding on its own land.  
: Yes
- (b) Area of the Institute Campus  
: (a) Area of existing Campus - 105 acres  
(b) Additional land allotted- 472 acres  
by Govt. of Arunachal Pradesh
- (c) Accomodation(give size)  
: Please see appendix IV
10. Workload of Teachers(average/work)  
: Lecture 9 hours : Practical 6 hours
11. Library Books  
Total Volumes  
: 6411  
Subject-wise break-up (of relevant subjects only)  
: Please see Note

3: 4 (8)

- Whether the College has a trained Librarian : Yes
12. Laboratory facilities
- a) Whether accommodation is adequate or not : Yes
- b) No. of shifts the students do their practicals : One
13. When was the last Governing Body meeting : 24th May 1990 under the Chairman-ship of Secretary, R.E.C.
14. Any other relevant information(s) points(s) : The Institute is seeking affiliation as an autonomous institution in the spirit of guidelines issued by U.G.C. in November 1989. The Institute's set-up fulfils all the requirements. }  
NERIST is to be affiliated to NEHU with specific provisions as suggested in the detailed inspections report. }

#### RECOMMENDATIONS

Please make your recommendation without any ambiguity. In case you suggest provisional affiliation for a particular period, please mention the academic year specifically. Please also mention the conditions, if any, to be fulfilled if extension of affiliation is to be considered.

We recommend affiliations of NERIST with NEHU for an interim period of three years or until the NERIST bill is approved by the Parliament from the Academic year 1990-91.

Sd/- A.L.Verma

Sd/- K.Chatterjee

Sd/-R.R.Mishra

Consent from other two members is enclosed

Sd/- A.L.Verma.

Signature of the members of the Inspection Team

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

- (i) Draft Ordinance for the Doctor of Science,  
Doctor of Literature and Doctor of Medicine-

In pursuance of resolution No:AC:36:AO:5:08(iii) adopted at the 36th meeting of the Academic Council a Committee was constituted to prepare a draft Ordinance for the Doctor of Science, Doctor of Literature and Doctor of Medicine.

The Committee has submitted its report and the same is placed at Annexure - 'A'.

The matter is placed before the Council for consideration.

ANNEXURE- 'A'

5:1:1:(2)

A meeting of the Committee in pursuance of the A.C. resolution No.AC:36:80:5:08(iii) to prepare a draft ordinance for the Doctor of Science, Doctor of Literature and Doctor of Medicine was held on 7.7.90 in the office of the Dean of the School of Physical Sciences at NEHU. The following members attended the meeting:

1. Prof. A.L.Verma.
2. Prof. S.P.Banerjee.
3. Prof. J.B.Bhattacharjee.
4. Prof. Y.S.T.Rao(Coopted member)

The Chairman of the Committee welcomed all the members. Prof. Y.S.T.Rao was coopted to help the Committee in deliberations. The Committee members thanked Dr. H.W.Sten, Head of Khasi Department for preparing a working paper which was of great help in drafting the ordinance for award of D.Litt/D.Sc. degrees. The members deliberated on the matter and the enclosed draft ordinance for awarding D.Litt/D.Sc. degrees is proposed for consideration of the Academic Council.

DRAFT ORDINANCE

ON THE DEGREE OF DOCTOR OF LITERATURE(D.LITT) DOCTOR OF SCIENCE(D.SC) PROGRAMME;

(Section 26-1(d) of the NEHU Act, 1973)

- ELIGIBILITY : (1) A candidate who has distinguished himself and proved his ability for conducting research work independently, or have obtained Ph.D. degree of this or any other recognized University followed by three years of Post-doctoral work may be admitted to the D.Litt/D.Sc. programme.
- ADMISSION : (2) The candidate shall apply in a prescribed proforma for admission as a candidate for D.Litt/D.Sc degree programme to the Vice-Chancellor. The Vice-Chancellor shall constitute a Committee consisting of all the Deans of the different Schools and at least three experts in the area of proposed research work on the advice of the Dean's Committee. The Committee so constituted shall look into the viability and Academic merits of the proposal and the eligibility of the candidate with reference to Clause 1 of this ordinance. When the Committee members are satisfied about all these matters, they shall recommend the admission of the candidate in the relevant programme. The University then shall ask the candidate to deposit the requisite fee of Rs. 500/- and the candidate is admitted for the D.Litt or D.Sc programme from the date of submission of fee and other relevant documents. The same Committee shall submit a list of atleast six examiners to the Vice-Chancellor which shall be approved by the Academic Council and Executive Council.
- DURATION (3) Subject to provisions of clauses (1) and (2) of this ordinance, the candidate shall be permitted to submit his/her thesis or book(s) for the D.Litt/D.Sc degree after three years but not later than six years from the date of admission.

Contd/.../-

MANNER OF SUBMISSION(4)  
OF THESIS:

Every candidate for M. D.Litt or D.Sc degree shall submit four copies of his/her thesis or book(s) embodying the results of his/her independent research findings, and shall certify that:(i) he/she has fulfilled the requirements of this ordinance;(ii) the thesis/book(s) is the result of his/her own independent investigations;and (iii) the thesis/book(s) has not been submitted to any University for any degree. The thesis submitted shall be accompanied by an examination fee of Rs. 1000/-

EXAMINATION(5)

(i) The thesis/book(s) shall be referred for adjudication to a board of three examiners out of a panel experts approved by the Academic Council and Executive Council in the area concerned on the recommendation of the Committee mentioned under clause 2 of this ordinance by including some more experts, if necessary.

(ii) Each examiner, after examining the thesis or book(s) shall submit a report containing a clear recommendation that in his/her opinion(a) the thesis is acceptable for the D.Litt/D.Sc degree;or (b) the thesis be rejected.

DECLARATION OF RESULT

When the Dean's committee is satisfied that all the three examiners have unanimously recommended the award of the degree, the Vice-Chancellor shall cause the result to be announced. The matter shall be reported to the Academic and Executive Councils.

The Committee suggests that the University should introduced provision for the award of D.Litt and D.Sc degrees only to cover all the relevant disciplines.

Sd/- Prof. A.L.Varma,  
Dean,  
School of Physical Sciences  
and Chairman of the Committee.

(ii) Regulations on Bachelor of Law -

A Sub-Committee has framed a draft regulation including the syllabus for the Bachelor of Law. The draft regulation may be seen at Annexure 'A'. The Examinations Department also submitted their comments on the draft regulation. Comments of the Examinations Department may be seen at Annexure 'B'. The University so far followed the Regulations of the Gauhati University in the conduct of L.L.B. Examinations.

The matter is placed for consideration of the Council.

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5:1:2:(2)

ANNEXURE- 'A'

MINUTES OF THE MEETING OF THE LL.B  
SUB-COMMITTEE HELD ON 10.1.1990

Members present :-

1. Prof. J.B.Bhattacharjee - Chairman
2. Principal, Shillong Law College, Shillong.
3. Shri A. Patton, Controller of Examinations.

The Controller of Examinations welcomed the members and gave the background that has necessitated the drafting of Regulations and Syllabus for the Bachelor of Law Examination.

The Committee unanimously recommended that the existing Ordinance/Regulations and Syllabus for the Bachelor of Law Examination for the Gauhati University followed by this University be replaced with recommendations here under :-

1. NEHU shall offer the course of studies leading to the Degree of Bachelor of Law designated as LL.B. The duration of the course shall be of three years. The Academic Sessions in each year will start with effect from the first day of the NEHU Academic Calendar.
2. The minimum entrance qualifications required for the admission for the course of LL.B. is a simple Bachelor's Degree in any discipline of the NEHU or any other University recognised by NEHU.
3. The Course of instruction shall include the following papers comprised of the subjects mentioned hereunder:-
  - (a) First year course leading to the Preliminary Examination
    - (i) Land Laws - One paper - 100 Marks
    - (ii) Family Law(Hindu and Mohammedan Law - One paper - 100 Marks
    - (iii) Legal Theory(Jurisprudence and Comparative Law - One paper - 100 Marks
    - (iv) Constitutional Law of India. - One paper - 100 Marks
  - (b) Second Year Course leading to the Intermediate Examination
    - (i) Contract and Tort - One paper - 100 Marks
    - (ii) Labour Law and Company Law - One paper - 100 Marks
    - (iii) Property Law and Law of Taxation - One paper - 100 Marks
    - (iv) Private International Law and Maxims of Equity. - One paper - 100 Marks

Contd/.../-

(c) Third Year Course leading to the Final Examination :

- i) Evidence Act, Civil Procedure, Arbitration and Limitation - One paper - 100 Marks
- ii) Administrative Law and Indian Legal and Constitutional History - One paper - 100 Marks
- iii) Drafting of Pleadings and Documents - Half paper - 50 Marks
- iv) I. P. C. and Cr. P. C. - One paper - 100 Marks
- v) Practical Law - Half paper - 50 Marks

4. The limitations of each subject mentioned in the proceeding rule shall be indicated by the Academic Council from time to time by reference to the Text Book and Legislative Acts.

5. The candidate for the Law Examination must pay the prescribed fees on the day fixed for the purpose. The candidate who fails to pass or present himself for the examinations shall forfeit his fees.

However, the candidate who is unable to appear in the Examination due to illness, within one month of the completion of the examination, may apply to the Principal of the College concerned for carrying over of the examination fees. A candidate who has been refused permission to appear the

Examination may apply within one month of the completion of the examination for refund of examination fee.

(a) A candidate may be admitted to the Law Examination provided he has prosecuted a regular course of studies prescribed for that particular examination in a constituent College or in a College affiliated for that purpose on the following conditions:

- i) He/She must have attended at least 75% of the lectures delivered on each paper and must have attended at least 75% of the full number of sittings of Moot Court Practical in each of the subjects or group of subjects as prescribed in the syllabi.

Provided, however, that the Principals of the concerned College may consider and decide on the request of the condonation of a percentage more than 5 per cent and less than 15 percent may be recommended by the Principals to the Vice-Chancellor with full justification shall be final.

- ii) He/She must produce a certificate from the Principals of the College regarding his satisfactory progress of studies and testifying his good conduct and character,
- iii) He/She must attend at least 4 of a minimum of 6 lectures to be delivered in the First year Class on Professional Ethics to be eligible to be admitted to Final Law Examinations.

Contd./.../-

5. (b) No student whose attendance in any paper is less than 60 percent shall be allowed to appear in the examination.
7. In order to qualify for the Degree of Bachelor of Law a student must pass the following examinations:-
- Preliminary Law Examination prescribed in the end of the First Year of study.
  - Intermediate Law Examination prescribed in the end of the Second Year of study.
  - Final Law Examination prescribed at the end of the Third Year of study.
8. All the three examinations shall be held twice a year as notified by the University from time to time.
9. No candidate shall be admitted to the Intermediate Law Examination unless he has previously passed the Preliminary Law Examination and no candidate shall be admitted to the Final Law Examination unless he has previously passed the Intermediate Law Examination. However, a candidate who failed in one paper and secured at least 45 percent marks in other three papers may apply for permission to repeat the particular course alongwith the examination prescribed for the next higher course. In no case a student will be allowed to repeat a particular course more than twice. Simultaneously, if a candidate of the Final Year Law Examination failed in one paper but secured at least 45 percent marks in other papers may be allowed to repeat the particular course alongwith the regular students for the next examination.
10. *The examination shall be held by means of written paper*
11. There shall be four written papers and each paper shall carry 100 marks and shall be of three hours' duration except in paper III and V in the Final Examination which shall be of 50 marks and of two hours' duration.
12. (a) In order to pass the Preliminary/Intermediate/Final Law Examination a candidate must obtain at least ~~30~~ percent of marks in each paper and 180 marks in the aggregate.
- (b) The result of the Preliminary and the Intermediate Law Examination will be announced only by showing that the candidate has passed and no division or class will be indicate. However, the results of the Final LL.B. Examination will be declared showing the class a candidate has secured. In order to be placed in the First Class, a candidate must pass in each paper of all the three Examinations, namely, Preliminary/Intermediate and Final Examination and obtain.

atleast 60 percent marks in combination of the marks obtained in Preliminary, Intermediate and Final LL.B Examination. Other successful candidates shall be placed in the Second Class. The result of the Final LL.B Examination of the successful candidates shall be published in order of merit.

13

13. If a student, on completion of a regular course of study for any-one of the Examinations fails to pass or present himself at the Examination immediately succeeding such completion, he may appear at any of the two following examinations of the same standard provided he produces a certificate from the Principal of the College at which he last studied testifying to his good character during the intervening period.

14. A student, may during the second year of his study prosecute a regular course of study prescribed for the Intermediate Law Examination notwithstanding that he has not yet already passed the Preliminary Law Examination. No student shall be debarred from the prosecution of a regular course of study prescribed for the Final Law Examination of the third year of his law course, by reason of his failing to pass or present himself for the Preliminary Law Examination at the end of the first year or the Intermediate Law Examination at the end of the second year.

15. If a student, after completion of a regular course of study does not register himself as a candidate for or present himself at, or fails to pass any of the three examination immediately succeeding the completion of his regular course of study as prescribed in Clause 13, may get re-admission in the respective course of study as a fresh candidate.

16. The results of the examination for any of the three examinations is subject to moderation as per rules of the University.

17. The minimum number of delivered lectures on each paper shall not be less than 180 and the number of sittings of the Moot Court shall not be less than 45 in one academic year. The period of sitting on each working day shall not be less than two hours thirty minutes.

18. Every College affiliated in Law shall make suitable provision for a Law Library so as to enable the students to have access to the Law reports, journals or other works in which selected cases may be found.

Sd/- Prof. J.B Bhattacharjee  
Chairman.

Comments received from the Examination Department.

1. Under the proposed regulation a candidate after completion of one year study of Preliminary/Intermediate/Final Law courses respectively, must clear these examinations in three chances or within one year of completion of studies of these courses, failing which he/she will have to take fresh admission in that course, (clause 15). Therefore, if a candidate fails to clear a course, say Preliminary within 3 chances he will have to wait for one year from the date of availing his last chance to take admission in that course, as admission is permissible only in the beginning of the Academic Session. Then he will have to attend classes for one year. Thus he will have to wait for two years to make him eligible to sit for the exam.

Moreover, since he has completed his course of study of Intermediate and Final also but could not sit for these exams, as he could not clear preliminary etc., he would have to take re-admission in these courses also. This would lead to overlapping of chances.

Therefore, if the permissible chances are increased from three to four, the candidate had to wait only for one year to be eligible to sit for the exams. and the overlapping of exams. would create less problems.

If the above proposals are approved the following modification of clause 9, 13 & 15 would be necessary.

Proposed modifications

- (a) The word twice appeared in the tenth line of clause 9 may be read as thrice.
- (b) The word two appeared in the fourth line of clause 13 may be read as three.
- (c) The word three appeared in the third line of clause 15 may be read as four.

2. Just to make very clear for the candidates that the date of first admission in the Preliminary course is the base date for determining permissible chances it is suggested that the following may be added in the fourth line of clause 15 after the words 'course of study'.

'in Preliminary, Intermediate and Final'

.....

5:2 - Syllabus

- (i) Syllabi for M.Phil in Zoology and Bio-Chemistry -

The School Board of Life Sciences in its meeting held on 20.6.90 has approved the syllabi for M.Phil in Zoology and Bio-chemistry. The syllabi are placed at Annexure-'A' and 'B' respectively for consideration of the Council.

ANNEXURE- 'A'

5:2:1:(2)

M. Phil

Zoology

ADAPTATIONAL PHYSIOLOGY

- Unit 1 : Concepts of environmental stress, strain and critical responses. Types of stress injuries, tolerance and resistance.
- Unit 2 : Adaptation: Acclimation and acclimatization process. Adaptation of terrestrial and aquatic organisms.
- Unit 3 : Different types of environmental stresses, and their effects on animals. Temperature, oxygen, osmotic, ionic and chemical pollutant - stresses.
- Unit 4 : Biorhythms; Photoperiodicity; circadian rhythm circannual rhythm, adaptative behaviour of organisms in relation to these Rhythms.
- Unit 5 : Cryobiology: Physiology of hibernation and diapause, Hormonal influences on hibernation. Brown fat metabolism in hibernators. Cryopreservation.

Suggested Readings:

1. Physiology: A Regulatory Systems Approach.  
Ed. F.L.Strand(1983) IIInd Edn.
2. Strategies on Biochemical Adaptation.  
Eds. P.W. Hochachka & G.N.Somero(1977).
3. Adaptational Biology. Ed. C.L.Prosser(1986).
4. Adaptational Physiology - Ed. K.Schmidt - Nielsen,(1983)
5. Animal Physiology: Adaptation & Environment K.  
Schmidt - Nielsen - (1985).

DEVELOPMENT BASIS OF PATTERNS FORMATION

Departmental Paper

Unit I : Pattern of Development

Development among unicellular eukaryotes; the origin of sexual reproduction; evolution of differentiation; developmental patterns in Porifera, Protosomes and Deuterosomes.

Unit II: Developmental Information

Preformed information, genes as developmental instructions; organisation of genetic information in eukaryotes; cytoplasmic genomic organisation, retrieval and exchange of developmental information.

Contd/.../-

Unit III : Morphogenesis

Macromolecular assembly; the ontogeny of cell organelles; prokaryotic morphogenesis; cytoplasmic fibre system; cellular shape changes; epithelial folds; change of cell shape; cell surface in morphogenesis.

Unit IV : Morphogenesis of Patterns

Patterning genes; cell lineage and patterning; migration patterns of cells during embryogenesis with special reference to migratory patterns in the differentiation of Dictyostelium and neural crest cells; coat colour patterns in mammals; ontogeny of limb symmetry; somitogenesis thresholds and repeating patterns.

Unit V : Gene Expression

Genome equivalence; differential gene expressions; gene stability; exceptions to genome stability; differential RNA synthesis; molecular biology techniques employed in current researches in developmental biology.

Suggested basic readings:

J.M.W. Slack (1983) From egg to embryo - determinative events in early development.

Philip Grant (1978) Biology of developing systems.

L.W. Browder (1980) Developmental Biology.

S.F. Gilbert (1988) Developmental Biology.

G.M. Malacinski (1984) Pattern Formation.

Dvaidson, E.H. (1987) Gene activity in early development 3rd Edn., Acad. Press. New York & London.

~~Contd/..../-~~

Courses to be offered by the Department of Biochemistry for M.Phil Course Work

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School Level Course

BIOLOGICAL RESEARCH TECHNIQUES

- Unit I : Physical Techniques :  
Elementary aspects of UV/VIS spectrophotometry, Fluorometry, Viscometry, Electronmicroscopy.
- Unit II: Radiochemical Techniques:  
Types and measurements of radiation tracer techniques (Autoradiography, Liquid & solid scintillation countings, tracing metabolic pathways).
- Unit III: Separation Techniques:  
Preparation of cell- free extracts, chromatography, electrophoresis, dialysis, centrifugation.
- Unit IV: Immunological Techniques:  
General principle of immune responses & raising antiser, immune diffusion, immunoelectrophoresis, ELISA, radioimmunoassay.
- Unit V : Genetic Techniques:  
Isolation and cultivation of microbes, tissue culture, selection of mutants, elementary cloning technique, DNA and protein sequencing.

References:

1. Handbook of Practical Immunology by G.P.Talmar.
2. Tools of Biochemistry by T.G.Cooper.
3. Biological Application of Liquid Scintillation Counting by Y.Kobayashi & D.V.Maudsley.
4. Practical Methods in Molecular Biology by R.F. Schleif & P.C. Wensink.
5. Physical Biochemistry by D.Freifelder.

Departmental level courses:

1. BIOPHYSICS AND PHYSIOLOGICAL CHEMISTRY

- Unit I: Protein Structure - Levels of organisation, thermodynamic of protein structure.
- Unit II. Membrane Structure and Function - assemblage, thermodynamic & electrical properties, physical properties, physiological function.

Contd/.../-

- Unit III : Techniques required in protein and membrane structure studies: ORD, CD, Stop-flow, IR, X-ray crystallography.
- Unit IV : Principles of Bioenergetics, Mitchell hypothesis ATP formation in respiration and photosynthesis, anaerobic respiration, Bacteriorhodopsin.
- Unit V : Chemistry of muscle contraction, Nerve conduction, Intracellular communication, Homeostasis and Aging.

## 2. CELLULAR AND MOLECULAR BIOLOGY

### Nitrogen fixation

- Unit I :  $N_2$ -fixation and  $N_2$ -fixers, Nitrogenase and its regulations  
Applied aspects of  $N_2$  - fixation.
- Unit II : Techniques in  $N_2$ - fixation Research, Mass spectrometry gas chromatography, Tracing of pathways of  $N_2$  metabolism,  
Techniques in microbial transport studies, Assay of enzymes of N-metabolism,  $N_2$ - fixation and general  $N_2$  metabolism in symbiotic  $N_2$ - fixating-organisms.

### Interaction of radiation with cellular components

- Unit III Gene damage and repair, Radiation induced bio-chemical damage and repair.
- Unit IV : Radiation induced mutations, Dose response curves, theories of radiation interaction with matter.
- Unit V : Molecular Immunology
- Unit VI : Tissues and Cells of immune, Antibody-structure, classification and functions, Hybridomas and monoclonal antibodies, immunolabelling.

### References:

1. Immunology by Ivan Roitt.
2. Application of Immunological Methods in Biomedical Sciences by L.A Herzenberg.
3. Radiation Biology by A.L. Casarette
4. Cellular Radiobiology by T. Alper.
5. An Introduction to Nitrogen Fixation. J.R. Gallon & A.E. Chaplin; Cassell Educational Ltd. London, 1987.
6. Handbook of Symbiotic cyanobacteria, A. N. Rai, CRC Press, USE, 1990.

5:2:2(1)

(ii) Three sessional tests in a semester  
for the practical examinations -

The School Board of Physical Sciences, which met on 18.7.90 considered the practical difficulties in holding three sessional tests in one semester for the practical examinations. The Board after due deliberations resolved that one comprehensive test may be held instead of three sessional tests. The resolution of the School Board is re-produced below :-

"Regarding sessional evaluation in the practical examination and project work in different departments of the School, it was felt that it is not practicable to have three sessional tests in one semester for the practical examination. After deliberation it was decided that the present method of evaluation of the project in different departments will continue. Regarding Laboratory courses, the School Board recommends that instead of three sessional tests, there should be one comprehensive test. The comprehensive test shall include (i) experimental test and (ii) comprehensive viva-voce. Experiment and viva-voce will have equal weightage in the final sessional evaluation. In case a candidate is unable to appear in the sessional test for genuine reasons and difficulties, extra test may be arranged for such candidate by the departments as and when necessary."

The matter is placed for consideration of the Council.

.....

5:6 - Establishment of New Deptts./Centres/Courses:

- (i) Creation of Post-graduate Departments in the School of Agricultural Sciences and Rural Development -

The Board of the School of Agricultural Sciences and Rural Development in its meeting held on 29th June, 1990 adopted the following resolution recommending the establishment of Post-Graduate Departments.

"The Board resolves to recommend starting of Post-Graduate programmes in a phased manner in the following Departments :

- (i) Department of Plant Pathology
- (ii) Department of Agronomy
- (iii) Department of Plant Breeding & Genetics
- (iv) Department of Agril. Chemistry & Soil Science
- (v) Department of Entomology
- (vi) Department of Agril. Economics
- (vii) Department of Agril. Extension

Regarding the Post-graduate department of Agricultural Engineering, the Board noted that it can not be started unless there is a base at the Under-Graduate level, and therefore the Board feels that the Department should introduce U.G. Programme first to be followed by P.G. programme later."

The matter is placed before the Council for consideration.

- (ii) Introduction of Urdu (HIL) at the Degree level

In pursuance of resolution No. AC/34/5/1/1/2 adopted in the 34th meeting of the Academic Council, a committee was constituted to examine the proposal for introduction of Urdu (HIL) at the Degree level. The recommendation of the committee is placed at Annexure -'A' for consideration of the Council.

....

LITERATURE-'A'

Minutes of the meeting of the Committee to re-introduce the question of introducing Bodo as an M.I.L. at the degree level in N.M.U.

The Committee met at 11.30 a.m. on 16 July, 1990 and made the following recommendations :

1. Bodo should be introduced as an M.I.L. at the degree level.
2. While allowing Bodo as an M.I.L. care should be taken to see that instruction in Bodo is made available to the student.  
( The Committee noted with regret the while at the P.U. stage Bodo has been an accepted M.I.L. for quite sometime instruction in it is available perhaps only in one College).
3. The Academic Council may immediately appoint a Committee to frame a syllabus for Bodo at the degree level. This Committee may, while framing the Syllabus, keep in view the general structure of M.I.L. courses in the University.

The following members were present:

1. Dr. P.C. Bhattacharya
2. Dr. M.R. Baro
3. Dr. R.H. Mosahari
4. Prof. M.Miri (in the Chair).

Sd/- M.Miri.

- (iii) Compulsion to Post-Graduate Students and Research Scholars to acquire knowledge in Sanskrit before admission to such course.

Shri A.K. Balagangadhar Tilak, Advocate, Adl. Government Pleader and Public prosecutor Ganjam has written to the Union Home Minister justifying the need of Post Graduate Students and Research Scholars to acquire working knowledge in Sanskrit. The letter was circulated by the University Grants Commission to the Universities for comments.

The University Grants Commission letter and the letter of Shri Tilak are placed at Annexure-'A' for consideration of the Council.

5:6:3:(2)

ANNEXURE-'A'

UNIVERSITY GRANTS COMMISSION  
BAHADUR SHAH ZAFAR MARG  
NEW DELHI - 110 002

No:F.5-7/87(HR-I)

Dated:11th August,1989.

The Registrar,  
  
\_\_\_\_\_  
  
\_\_\_\_\_  
  
\_\_\_\_\_

Subject: Compulsion to Post-Graduate Students and Research  
Scholars to acquire knowledge in Sanskrit before  
admission to such courses.

\*\*\*\*\*

Sir,

I am directed to circulate the proposal on the subject  
mentioned above received from Shri A.K. Balagangadhar Tilak,  
Advocate, Addl. Government Pleader and Public prosecutor Ganjam  
(Copy enclosed).

The Panel on Classical Languages while considering  
this proposal desired to circulate it to the University for  
their comments.

You are therefore, requested to convey the view of the  
University in this regard.

Yours faithfully,

Sd/-Dr. A. M. Sajnani,  
Under Secretary .

A.K. BALAGANAGADHAR TIWAK,  
ADVOCATE,  
ADDL. GOVT. FLEADER &  
PUBLIC PROSECTOR,  
GANJAM

To

Hon'ble Shri P.V. Narasimharao Guru,  
Union Minister for Education,  
New Delhi.

Subject: Compulsion to Post-Graduate students and Research  
scholars to acquire knowledge in Sanskrit before  
admission to such courses.

\*\*\*\*\*

Dated. Aska 25th March, 1965

Respected Sir,

I want to bring to your kind notice few suggestions  
of mine which I feel, will help spread of Sanskrit among the  
educated adults, which will ultimately lead to the revival of the  
learning of Sanskrit in full swing in the first decade of 21st  
century.

As far as I understand, there is no subject in  
which our ancestors have not written books in Sanskrit. Some  
the authoritative books on some of the subjects were studied by  
foreigners and the knowledge which they acquired stimulated  
them for further research. Much of our knowledge with regard to  
some of our ancient books is mostly through these foreigners.  
There are books on Medicine, Engineering, Mathematics, Zoology  
and many other subjects which most of our research scholars do not  
read. They read only books which are in English, written by  
foreign authors. If our students have working knowledge in Sanskrit  
with which they could read books on different subjects written in  
Sanskrit, the quality of research would have been better.  
I sincerely feel, that the knowledge of Sanskrit required to under-  
stand the literary works of poets is not necessary to understand the  
contents in books written on different subjects like  
Medicine, Engineering etc. If our post-graduate students and  
research students appearing for Ph.D or M.Phil. etc. acquire  
working knowledge of Sanskrit, they will have greater knowledge of  
the subject and their thesis would be more useful.

Contd/...-

I was a student of Banaras Hindu University in 1939-41, where I studied B.Sc. I used to find my friends in Post-Graduate science classes studying either French or German Language in the first of their Post-Graduate study and appear for examination. With that study they were able to read journals in those languages. There are some organisations in India which have prepared lessons for adults for them to have knowledge in Sanskrit to read for themselves religious books like Ramayana and Mahabharata. One of such organisations is one started by late Sripada Damodar Satavalkar started in early 1920. He has written books to study the subject in Hindi. The said 24 booklets were translated into several languages. In Telugu, also Sanskrit Bhasa Seva Mandali of Mahabubabad in Warangal Distt. has translated these books under the Name 'Sanskruta Pathamala'. Recently, in 1983, I came across Bi-Monthly 'Kamadham' cited by Sri E. P. Bharat Pisharadi for easy learning of Sanskrit. Subsequently, he prepared all the lessons in Cassettes. If the State takes some interest as it is taking interest in the spread of Hindi by correspondence course and other ways, it will not be difficult for youths to learn the subject. Youths will learn with interest with the help of these correspondence course and in colleges and Universities if only they are compelled to learn the subject for them to submit thesis with regard to matters they studied from Sanskrit books.

I have decided to write to you as you are the only person with the knowledge of Sanskrit who can appreciate my suggestion and think of a programme by which the educated unless the knowledge of Sanskrit is made useful, none will study for the pleasure of it. If the knowledge is made useful to obtain higher degrees, there will be good response to the call to learn the subject. Hope, you will try to discuss with your associates and others and try to put Sanskrit in the position, it deserves.

With regards,

Yours,

DN/

A.K. BALAGANGADHAR TILAK,  
ADVOCATE,

To

Shri Vivekananda Murty Garu,  
Vice-Chairman,  
University Grants Commission,  
New Delhi.

Sub: Request to make passing of Sanskrit test examination condition- Precedent for obtaining seats in M.A.M.Sc., M.Phil, P.Hd. etc. and study of Sanskrit books in respective subjects.

Dated, Aska, 25th March 1988.

Respected Sir,

The interest in the study of Sanskrit is gradually dying and ultimately, I feel, there will be none knowing the language after a period of 30 years. If at that time Government thinks of giving facility to the People to study Sanskrit it has to import scholars from Germany and other countries. The language, though not flourished during the latter part of the British rule, there was no interference by them for its study. But practically the study of Sanskrit is completely neglected by the Indian Government. After a period of forty years of Independence, the language has come to very extinction. The future generations will blame the present authorities for the complete extinction of the language in India.

I am having an opinion that unless the study of a subject is made useful for a person to earn money, propo-tion or status in life, one will not make any attempt to know any subject. Unless it is made useful in the higher classes none will study. The language learnt upto Matriculation in some States is not allowed to continue in higher classes but it is completely allowed to be forgotten. If the Authorities are really interested in spreading the knowledge of Sanskrit, they must make it necessary subject in higher Classes.

Many translations of original Sanskrit books are used by the researchers in India. There is no a tempt by the Authorities to see that the very originals are read by the Researchers. We are

Contd/..../-

satisfied by naming our achievements as 'Ayubhata' and 'Shaskara' even though their works in Sanskrit are not so. We have to rectify this defect.

I have addressed a letter to Hon'ble Sri A.G. Narasimha Rao a copy of which is enclosed herewith. French or German language was to be learnt by all M.Sc. students in Benares Hindu University and they were required to pass the test examination in one of these two languages before they appear for final M.Sc. Similarly, Sanskrit has to be made to stay and sit for a test examination prescribed by University Grants Commission. Not only that, they must be made to read one or two books in Sanskrit on their subject, before they sit for final examination. Literary books in Sanskrit may be difficult to understand. But I think, books written on subjects like botany, Mathematics, medicine will not be difficult to understand if the language is known. The University Grants Commission has made M.Phil compulsory for a lecturer to become a Professor. Similarly knowledge of Sanskrit and submission of papers in his subject on books in Sanskrit can be made compulsory to get higher pay or promotion. Thus the knowledge of the language should be useful in getting higher salary or status, then the entire student population, within a decade, will try to learn the subject.

Sir, if you are convinced with regard to what I have stated above, you can take steps for the introduction of Sanskrit in higher Classes. I have also written to our Chief Minister Hon'ble Sri J.B.Patnaik who is a Sanskrit scholar, to take steps for the spread of the language.

Hope, you will do the needful before it is too late.

Respected Sir,

Yours,

DN/

(vii) Introduction of a Certificate course in  
Fine Arts and Crafts

The Centre for Creative Arts proposed the  
introduction of a Certificate Course of one year duration in Fine  
Arts and Crafts. The proposal was considered and recommended  
by the School Board of Languages in its meeting held on 3rd August, 1990.

The proposal along with the detailed syllabus  
is placed at Annexure 'A' for consideration of the Council.

ANNEXURE-'A'

CENTRE FOR CREATIVE ARTS  
NORTH EASTERN HILL UNIVERSITY  
MIDLAND, JOWAI ROAD,  
SHILLONG-3

PROPOSAL FOR INTRODUCTION OF ONE YEAR CERTIFICATE COURSE IN  
FINE ARTS AND CRAFTS IN THE CENTRE FOR CREATIVE ARTS, NEHU  
SHILLONG.

1. INTRODUCTION - Since its inception, NEHU is concerned with academic and cultural needs of the State. The setting up of the Centre for Creative Arts reflect NEHU's commitment to the cultural aspiration of the people.

Charged with this task, the Centre all these years has been organising art-workshops art seminars, art exhibitions, art lecturers etc. The response to all these programmes was very encouraging.

However, it may be pointed out that these programmes are short term and the Centre, through experience realised that they are not sufficient to train interested students properly and systematically in fine arts and crafts. Therefore, it is strongly felt that a systematic Art and Crafts course is imperative and essential. To our knowledge, there is no institution in existence to impart formal training in fine arts and crafts in the entire State. On the other hand there is a strong demand from interested students and persons for us to start a full-fledged Art course in the Centre. Also keeping in view the new education policy, Art education is an important component of the school curriculum and this would lead to a demand of art teachers in various schools of the state. There is also an increasing demand of trained artists in various Government Departments and private establishments.

Therefore, upon thoroughly assessing the situation, the Centre for Creative Arts feels that it is high time to introduce a regular course in Fine Arts and Crafts. Initially the Centre would like to start with a one-year Certificate Course in Fine Arts and crafts. The Centre is convinced that the students having trained in this course may fill at least, some of the position of Art teacher/drawing teacher in various schools and other relevant positions of Government and private establishments.

2. COURSE PATTERN - It will be a Certificate Course in Fine Arts and Crafts, the duration of which is one year covering two Semesters. The course will include theoretical teaching in History of art and crafts, material and method and practical training in painting, drawing, mural designing, graphic art and craft. There will be theoretical lectures with slide show daily from 10:00 A.M. to 12:00 P.M. and from 12:30 P.M. to 4:30 P.M. practical classes will be held. Seat limit for the course will be a maximum for twenty (20).

3. ELIGIBILITY FOR ADMISSION - Any one who has obtained Graduation degree and has some experience in painting, drawing and craft is eligible for admission to this course, If the number of applicants exceed the number of seats, the final selection of entrant may be made on the basis of an admission test.

4. There will be six (6) papers in all. Each paper will carry a maximum of 100 marks. The examination of papers I to III will be held at the end of the first Semester, while the examination of paper IV, to VI, will be held at the end of the second Semester. The over all result of the candidate for the one year Certificate course will be declared on the basis of the marks obtained in the First Semester and Second Semester Examinations. Qualifying marks for a pass in the examinations will be 40% of the maximum total marks in the theory and 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 : Craft

- |   |            |
|---|------------|
| (i) History of traditional Folk art and Crafts of North Eastern Region (Theory) | - 30 Marks |
| (ii) Craft making (Practical)   | - 70 Marks |

Paper -II	<u>History of ancient arts (Theory Paper)</u>	
	(i) Short History of ancient Indian art	- 35 marks
	(ii) Short History of ancient western art	- 35 marks
	(iii) Short History of far-eastern art	- 30 marks

Paper - III	<u>Painting and drawing (Practical Paper)</u>	
	(i) Water colour painting	- 30 marks
	(ii) Tempera painting	- 35 marks
	(iii) Drawing	- 35 marks

Semester - II

Paper - IV	<u>History of Modern art movements (Theory Paper)</u>	
	(i) Short History of Indian modern art movements	- 50 marks
	(ii) Short History of Western Modern Art movements	- 50 marks

Paper - V	<u>Oil painting, Mural painting and Collage painting (Practical Paper)</u>	
	(i) Oil painting	- 40 marks
	(ii) Mural painting	- 40 marks
	(iii) Collage painting	- 20 marks

Paper - VI	<u>Graphic art (Practical Paper)</u>	
	(i) Lino-cut print	- 30 marks
	(ii) Wood-cut print	- 30 marks
	(iii) Lithograph print	- 40 marks.

contd..4/

6. Detailed syllabus

Paper - I : Craft

- (i) Descriptive history of traditional folk art and crafts of Meghalaya, Mizoram, Nagaland, Manipur, Assam, Tripura and Arunachal Pradesh.
- (ii) Traditional clay modelling, wood-craft, tool making, designing, leather batik and cloth batik.

Paper - II : History of ancient art

- (i) Descriptive history of ancient Indian art from cave art to Mughal Court art.
- (ii) Descriptive history of western art from Greek art to Early Renaissance art.
- (iii) Descriptive history of Chinese and Japanese Buddhist art, Tang figurative art, landscape art of Sung period, Kamakura scroll painting and sculpture only.

Paper - III : Painting and Drawing

- (i) Landscape painting on the spot with water colour on hand made paper. Composition with water colour on hand made paper.
- (ii) Copying Indian old masters in Tempera on cloth or Nepalese paper. Composition in Tempera with Indian traditional style.
- (iii) Drawing : nature study, model study (life and still life), perspective study - with line, light and shade.

Paper - IV : History of Modern art

- (i) Descriptive history of Indian modern art movements from Indo-British art to post-Independence art.
- (ii) Descriptive history of western modern art movement from Romantic art movement to constructivism.

Paper - V : Oil painting, Mural painting and Collage painting

- (i) Composition with figure. Still life of model study.
- (ii) Mural painting with mosaic chips
- (iii) Collage painting on hard board.

- Paper - VI : Graphic art  
 (i) Lino-cut print making with one colour  
 (ii) Wood-cut print making with one colour  
 (iii) Lithograph print making with one colour.

7. Books for reference -

- Paper - I : (i) Aditi Shirali, Textile and Bamboo Crafts of The W.E. Region, Shillong, North Eastern Council.  
 (ii) Enakshi Bhavani, Folk and Tribal design of India, Bombay, Taraporevala.  
 (iii) Verrier Elwin, The Art of the North-East Frontier of India, Shillong, NEFA.  
 (iv) J.N. Chowdhury, The Khasi Canvas, Shillong, Chapala Book Stall (Chapter on art and craft)  
 (v) The Arts and Crafts of Nagaland, Kohima, Nagaland Institute of Culture.  
 (vi) E.B. Ngap Lynta, Art History of Meghalaya
- Paper - II (i) Conneraswamy, History of Indian and Indonesian art (Dover)  
 (ii) Zimer, Art of India and Asia (Boligan Press)  
 (iii) Hert, Art - Vol. I & II (Thames and Hudson)  
 (iv) Janson, History of Art (Phaidon)  
 (v) Gobrich, The story of Art (Phaidon)  
 (vi) Gray and Barrett, Indian Painting  
 (vii) Sikman, Laurence and Soper, Art and Architecture of China (Policon)  
 (viii) Paine and Soper, Art and Architecture of Japan (Policon)  
 (ix) Sherman, Lee, Far-Eastern Art (Thomas of Hudson)
- Paper - IV : (i) Archer, Patna painting and Lalihat painting.  
 (ii) Appasamy, Abanindranath and the Art of his time.  
 (iii) Appasamy, Introduction to modern Indian sculpture  
 (iv) Vivansundaram (ed), Amrita Shergil (Marg Publication)

- (v) Subrahmanyam, Moving Focus.
- (vi) Lalit Kala Monographs.
- (vii) Lalit Kala contemporaries
- (viii) Parimoo, Three Tagores, M.S. University

#### 8. Staff requirement

The Centre's faculty will be the core faculty to run the course, Faculty members from other Social Sciences disciplines and Languages may be inducted to take some theoretical papers. If necessary Art teacher/Craft teachers can be invited from the nearby art institutions for their service as provided by the Ordinance on the establishment, structure and management of centres in the University. Structure (OA-II), Section 26 (i) (k) of the NEHU Act, 1973).

#### 9. Accommodation

Initially the Course may be managed within the following accommodation.:

- (i) Two full-fledged art studio-cum art class room.
- (ii) Sitting arrangement for students.

Besides these following materials/equipments are also needed for running the Certificate course in fine art and craft;

(1) Painting easel (stand)	-	20 Nos.
(2) Modelling stand	-	20 Nos.
(3) Platform for Model	-	2 Nos.
(4) Medium size drawing board	-	20 Nos.
(5) Tempera painting tables	-	20 Nos.
(6) Wood-cut & Line cut instrument boxes	-	20 Nos.
(7) One lithography printing press (with all accessories).	-	
(8) Slide Projector for theoretical Lectures.	-	1 No.
(9) One catchin press (with all accessories).		1 No.

\*\*\*\*\*

(v) 3 yr intergrated Degree Programme.

The Basic structure on the 3yr degree programme and also two alternative schemes for the programme (General and Honours scheme) submitted by the previous Committee, were placed before the last Academic Council meeting for consideration. The Council, resolved that the Vice-Chancellor may re-constituted the Committee to examine the issues further in view of the proposals submitted by the Departments of Geography, Economics, Anthropology and Mathematics.

The Committee was accordingly re-constituted drawing members from the above Departments. In its meeting held on 17th October, 1990 the Committee decided that the Heads of the three Departments, - Anthropology, Geogaphy and Mathematics will present their own structure keeping in view the same total marks for honours and pass course for consideration by the Academic Council. The minutes of the meeting of the Committee is placed at Annexure - 'D'.

The Departments of Geography and Mathematics have submitted their proposed structure which is placed at Annexure E and F respectively. The Basic structure and the two alternative scheme submitted by the earlier Committee is placed at Annexure A, B and C.

The matter is placed before the Council for consideration.

**BASIC COURSE STRUCTURE FOR THE UNDERGRADUATE ARTS,  
COMMERCE AND SCIENCE STREAMS**

Total marks for General Stream - 1400

Total marks for Honours stream - 1600

B.A.B.A. (General)

<u>Subject</u>	<u>No. of papers</u>	<u>Total marks</u>
English	3	100x3 = 300
MIL/Alt.English	1	100x1 = 100
Foundation Course	1	100x1 = 100
Three Elective subjects	3x3=9	100x3x3=900

B.A. (Honours)

<u>Subject</u>	<u>No. of papers</u>	<u>Total Marks</u>
English	3	100x3 = 300
MIL/Alt.English	1	100x1 = 100
F.C.	1	100x1 = 100
One Elective	3	100x3 = 300
(Another elective is drooped)		
Honours subject	8	100x8 = 800

B.Com.B.Com (General)

English	1	100x1 = 100
MIL/Alt.Eng.	1	100x1 = 100
F.C.	1	100x1 = 100
Commerce	11	100x11= 100

B.Com (Honours)

English	1	100x1 = 100
MIL/Alt.Eng.	1	100x1 = 100
F.C.	1	100x1 = 100
Elective Papers	5	100x5 = 500
Honours subject	8	100x8 = 100

B.Sc.B.Sc. (General)

English	1	100x1 = 100
Three elective subjects	3x4=12	100x12= 1200

B.Sc. (Honours)

English	1	100x1 = 100
F.C.	1	100x1 = 100
Two electives	3x2=6	100x3x2 = 600
Honours subject	8	100x8 = 800

TOTAL 1400

TOTAL 1600

TWO ALTERNATIVE SCHEMES FOR THE THREE YEAR UNDERGRADUATE DEGREE PROGRAMME  
( GENERAL AND HONOURS SCHEME)

## SCHEME - A

In this scheme, students have to exercise option for either the general or Honours stream in a particular subject right at the admission stage.

<u>GENERAL</u>			B.A.	<u>HONOURS</u>			
<u>Subject</u>	<u>Part-I Exam.</u>	<u>Part-II exam</u>	<u>Total</u>	<u>Subject</u>	<u>Part-I Exam</u>	<u>Part-II Exam</u>	<u>Total</u>
English	200	100	300	English	200	100	300
MIL/Alt. English	-	100	100	MIL/Alt. English	-	100	100
F.C.	100	-	100	F.C.	100	-	100
Elective-1	200	100	300	Elective	200	100	300
Elective-II	200	100	300	-	-	-	-
Elective-III	200	100	300	Hons. subject	400	400	800
<b>TOTAL</b>	<b>900</b>	<b>500</b>	<b>1400</b>	<b>TOTAL</b>	<b>900</b>	<b>700</b>	<b>1600</b>

B.Com

<u>GENERAL</u>				<u>HONOURS</u>			
English	-	100	100	English	-	100	100
MIL/Alt. English	100	-	100	MIL/Alt. English	100	-	100
F.C.	100	-	100	F.C.	100	-	100
Commerce	700	400	1100	Elec. Comm. Honours	300 400	200 400	500 800
<b>TOTAL</b>	<b>900</b>	<b>500</b>	<b>1400</b>	<b>TOTAL</b>	<b>900</b>	<b>700</b>	<b>1600</b>

B.Sc.

<u>GENERAL</u>				<u>HONOURS</u>			
English	-	100	100	English	-	100	100
F.C.	100	-	100	F.C.	100	-	100
Elective-1	300	100	400	Elc. I	200	100	300
Elec-II	300	100	400	Elc. II	200	100	300
Elec-III	300	100	400	Honours	400	400	800
<b>TOTAL</b>	<b>1000</b>	<b>400</b>	<b>1400</b>	<b>TOTAL</b>	<b>900</b>	<b>700</b>	<b>1600</b>

ANNEXURE-'3'

## SCHEME - B

In this Scheme-

- (1) First two years programme is common for the General and Honours stream requiring no duplication of labs, infrastructural facilities etc.
- (2) The students will have a choice to opt for either the Honours or the General programme as well as to choose one of the three electives as a honours subject at the end of second year. This will provide an opportunity for a better conscious decision.

B.Sc.

<u>GENERAL</u>				<u>HONOURS</u>			
<u>Subject</u>	<u>Part-I</u>	<u>Part-II</u>	<u>Total</u>	<u>Subject</u>	<u>Part-I</u>	<u>Part-II</u>	<u>Total</u>
English	-	100	100	English	-	100	100
F.C.	100	-	100	F.C.	100	-	100
Elec.-I	300	100	400	Elec. I	300	-	300
Elec. II	300	100	400	Elec. II	300	-	300
Elec. III	300	100	400	Honours subject	300	500	800
<b>T O T A L</b>	<b>1000</b>	<b>400</b>	<b>1400</b>	<b>TOTAL</b>	<b>1000</b>	<b>600</b>	<b>1600</b>

<u>GENERAL:</u>				<u>COMMERCE</u>			
<u>Subject</u>	<u>Part-I</u>	<u>Part-II</u>	<u>Total</u>	<u>Subject</u>	<u>Part-I</u>	<u>Part-II</u>	<u>Total</u>
English	-	100	100	English	-	100	100
MIL/Alt. Eng	100	-	100	MIL/Alt. Eng	100	-	100
F.C.	100	-	100	F.C.	100	-	100
Commerce	700	400	1100	Elec. commerce	300	200	500
				Hons.	400	400	800
<b>TOTAL</b>	<b>900</b>	<b>500</b>	<b>1400</b>	<b>TOTAL</b>	<b>900</b>	<b>700</b>	<b>1600</b>

B.A.

<u>GENERAL</u>				<u>HONOURS</u>			
<u>Subject</u>	<u>Part-I</u>	<u>Part-II</u>	<u>Total</u>	<u>Subject</u>	<u>Part-I</u>	<u>Part-II</u>	<u>Total</u>
English	200	100	300	English	200	100	300
MIL/Alt. Eng	100	-	100	MIL/Alt. Eng	100	-	100
F.C.	100	-	100	Eng			
Elec. I	200	100	300	F.C.	100	-	100
Elec. II	200	100	300	Elec. I	200	100	300
Elec. III	200	100	300	Elec. II	-	-	-
				Hons.	200	600	800
<b>TOTAL</b>	<b>1000</b>	<b>400</b>	<b>1400</b>	<b>TOTAL</b>	<b>800</b>	<b>800</b>	<b>1600</b>

NORTH-EASTERN HILL UNIVERSITY  
 NO:F;3-10/PVC/89-447 LOWER LACHAUMIERE  
SHILLONG

NO:F.3-10/PVC/89-447

Dated 17th October, 1990.

The meeting of the re-constituted committee on the Three Year Integrated Degree Course met at 1.30 PM in the office of the Pro Vice-Chancellor. Members Present were:

Prof. R.G. Michael  
 Pro Vice-Chancellor - Chairman

Prof. A.L. Verma,  
 Dean, School of Physical Sciences.

Prof. K. Chatterjee, Dean, School of Life Sciences.

Prof. A.P. Sinha, Head, Deptt. of Anthropology.

Dr. A.C. Mohapatra, Head, Deptt. of Geography.

Dr. Vijay Kumar, Head, Mathematics Dept.

Since the main points of departure in the already proposed structure were raised by Departments of Geography, Anthropology and Mathematics, these three Heads were requested to present their proposed structure. After much discussions it was felt that there are genuine difficulties for the above subjects. It was, therefore, decided that these three Heads will present their own structure keeping in view the same total marks for honours and pass course. They have also been requested to present their own proposed structure by the 22nd of October 1990 for possible inclusion in the agenda of the forthcoming Academic Council meeting. These Heads have also been requested to take the help of the other members in their formulation. The meeting came to a close with a vote of thanks from the chair.

Sd/-R.G. Michael  
 Pro Vice-Chancellor,

Copy to:

1. All Members
2. D.R. (Conf) NEHU, Shillong
3. P.S. to Vice-Chancellor, NEHU, Shillong

5:6:5(6)

ANNEXURE-'E'

Suggested Alternative Structure, subject grouping and operational distribution of marks for B.A/B.Sc. 3 year Degree Programme General and Honours.

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A: Structure:

1. The overall weightage for B.A/B.Sc. B.Com General (3 years) will be 1400 marks and B.A/B.Sc./B.Com Honours. 1600 marks
2. Examinations will be in two parts, first part (I) after first two years and Part II in the 3rd year.
3. The choice for honours comes at the clearing of I part.
4. The division of weightage between Ist and II Part will be:

General	900 + 500	=	1400
Honours	900 + 700	=	1600
5. Due to interdisciplinary nature of many subjects and applied disciplines, Science, Social and behavioural Sciences, humanities and languages have been grouped in to 5 subject groups on requirement and interrelation basis and Commerce treated as a separate group (the latter is not outlined here). The subject groupings and their distribution is indicated in the table.
6. Group A(B.Sc.), the pure science structure has been preserve in to with marginal adjustment in mark distribution between the two parts. Group E(B.A) is the pure social Sciences, humanities and languages with no practical subject element. The other groups, B.C. and D are combinations from two basic groups suggested by the original Syllabus Committee. This way it is possible to hold essentially the two different structure of A and E and still combine subjects on a national basis.
7. Subjects with practicals will have a weightage of 400 marks (abd mathematical) and the rest of the non-practical subjects social, behavioural sciences, humanities and languages 300 marks at general and elective level. All Honours subject will have 800 marks. The details of the break ups are in the respective group tables.

Contd/.../-

5:6:5:(7)

8. Teaching of subsidiary and supporting courses like F.C./Eng. language(100) marks will start from the 1st year, but the examination shall be at the end of 3rd year. MIL/Alt. Eng. will apply to groups as indicated and the examination will be at the end of 1st part (2nd year).
9. In the practical subjects the break up between theory and practicals may be decided by the respective BUGS, since the requirements may marginally vary from discipline to discipline.
10. Since, in the given structure a student has to choose an honours subject at the end of 2 years (Part I), the structure for Part I has to be common for both the general and honours streams and therefore, it is imperative that the additional load of 2 papers (200 marks) has to shift to the II part (3-rd year). However, by starting teaching of F.C. and Eng. (Language, 100 marks) wherever applicable at the beginning of the 1st year, it is possible to distribute the load evenly over the 3 years and the student is allowed to concentrate on the honours subject alone in the third year.

5:6:5(8)

Subject Groupings and Mark distribution

(B.Sc.) Science Group A: Geography, Geology, Anthropology, Mathematics, Statistics, Physics & Chemistry, & Psychology.

General

Honours

Subjects	Part I 2yrs.	Part II 1 yr	Total	Subjects	Part I 2 yrs	Part II	Total
Elect I	300	100	400	Hons.sub	300	500	800
Elect II	300	100	400	Elec. I	300	-	300
Elect III	300	100	400	Elect. II	300	-	300
F.C.	-	100	100	F.C.	-	100	100
English	-	100	100	Eng.	-	100	100
<b>Total</b>	<b>900</b>	<b>500</b>	<b>1400</b>	<b>Total</b>	<b>900</b>	<b>700</b>	<b>1600</b>

(B.Sc.) Science Group B(Spl.): Geography, Anthropology, Psychology Edu. & Homescience. Maths and Stats., with subjects of Group c. with two from the above 4 and one from Group c. in General & Hons.

General

Honours

Subjects	Part I 2 yrs.	Part II 1 yr	Total	Subjects	Part I 1 yr.	Part II	Total
Elec(Sc.) I	300	100	400	Sub.(Sc)Hons	300	500	800
Elect(Sc) II	300	100	400	Elec(Sc) I	300	-	300
Elect(So.Sc) III	200	100	300	Elec.(So.Sc) III	200	100	(dropl) 200
MIL/Alt. Eng.	100	-	100	MIL/Alt. Eng.	100	-	100
F.C.	-	100	100	Eng.	-	100	100
<b>Total</b>	<b>900</b>	<b>500</b>	<b>1400</b>	<b>Total</b>	<b>900</b>	<b>700</b>	

(B.A) Group C(Spl.): Science subjects of Group B with the following: Economics, Pol.S., History, Sociology and Edu.: one from Group B and two from C.

B.A. General

B.A Honours.

Sub.	Part I	Part II	Total	Sub.	Part I	Part II	Total
Sub.(Sc.) I	300	100	400	Hons.(Sc.)	300	500	800
Sub.(So.Sc.) II	200	100	300	Elect I(So.Sc)	200	100	300
Sub.(Do) III	200	100	300	Elec. II(Do)	200	Drop	200
English	200	100	300	Engl.	200	Drop	200
F.C.	-	100	100	F.C.	-	100	100
MIL	-	-	-	MIL	-	-	-
<b>Total</b>	<b>900</b>	<b>500</b>	<b>1400</b>	<b>Total</b>	<b>900</b>	<b>700</b>	<b>1600</b>

Contd/.../-

5:6:5(8)

(B.A) Group D(Spl.): Honours. from Group C. plus. one elective from Group C plus one elective from Group B.

Sub.	Part I	Part II	Total	Sub.	Part I	Part II	Total
Elect. I(So. Sc.)	200	100	300	Hons. (So. Sc)	200	600	800
Elect. II(So. Sc.)	200	100	300	Elect. I(So. Sc)	200	Drop	200
Elect. III(Sc.)	300	100	400	Elect. II(Sc.)	300	Drop	200
Eng.	200	100	300	Eng.	200	Drop	200
(MIL)	-	-	-	MIL	-	-	-

(B.A) Group E : Social Sciences and Humanities including languages.

Sub.	Part I	Part II	Total	Sub.	Part I	Part II	Total
Elect. I	200	100	300	Hons.	200	600	800
Elect. II	200	100	300	Elect. I	200	Drop	200
Elect. III	200	100	300	Elect. II	200	Drop	200
Engl.	200	100	300	Eng.	200	Drop	200
F. C.	-	100	100	F. C.	-	100	100
MIL	100	-	100	MIL	100	-	100
Total	900	500	1400		900	700	1600

Sd/- A. C. Mohapatra,  
Head, Department of Geography,  
NEHU, Shillong.

Dt.20.10.1990.

Head,  
Department of Mathematics.

No - 1597

To  
The Pro-Vice-Chancellor,  
NEHU, Shillong.

Sub : Course Structure of B.Sc. 3 year General/Honours Courses.

Dear Sir,

All the teachers in our department are of the unanimous view that :-

- (1) The extra teaching of the honours (special) subject for the honours students should not be at the cost of the other 2 subjects, i.e., an honours student shall undergo the same syllabus and appear in the same papers as a general student in the other two subjects.
- (2) An honours student in his honours subject should appear in all the papers offered by a general student in that subject and in some additional papers.
- (3) An honours student should put in significantly extra labour to earn his degree than a general student. So his workload should be significantly more than that of a general student.
- (4) All 3 subjects should be taught in all 3 years for both types of students. An honours student should not study only his honours subject in the third year. This is as per the spirit of the integrated 3-year honours programme.
- (5) All of us also feel one more thing. We agree to the proposal that both 3-year pass and 3-year honours students should have a right to go in for the M.Sc. programme, but they should not have the same priority. If an honours student wants to join M.Sc. in his honours subject, he should be given priority over the pass students. If he wants to join M.Sc. in some other subject than his honours subject, he should be given equal priority together with the pass students.

Considering these points we have chalked out the following pattern of examination, which is enclosed herewith for your ready reference.

Thanking you,

Yours faithfully,

Sd/- Vijai Kumar  
Head, Deptt. of Mathematics,  
NEHU, Shillong.

5:6:5(11)

PATTERN FOR B.Sc. GENERAL/HONOURS PROPOSED BY THE MATHEMATICS DEPARTMENT

PA-RT I EXAMINATION ( at the end of the 2nd year)

	<u>GENERAL</u>	<u>HONOURS</u>
<u>ENGLISH</u>	1 paper of 100 marks	Same paper as in general
<u>F.C.</u>	1 paper of 100 marks	Same paper as in general
1st El.	3 papers of 80 marks each	Same 3 papers as in general
2nd El.	3 papers of 80 marks each	Same 3 papers as in general
3rd EL.	3 papers of 80 marks each	6 papers of 80 marks each, the first 3 papers being the same as in general, and 3 papers extra, this being the honours subject.
	Total marks 920	Total marks 1160

PART II EXAMINATION (at the end of the 3rd year)

	<u>GENERAL</u>	<u>HONOURS</u>
1st EL.	2 papers of 80 marks each	Same papers as in general
2nd El.	2 papers of 80 marks each	Same papers as in general
3rd El.	2 papers of 80 marks each	4 papers of 80 marks each, the first 2 papers being the same as in general, and 2 papers extra, this being the honours subject.
	Total marks 480	Total marks 640
	Grand total 1400	Grand total 1800

5:7:1:(1)

5:7 - Affiliation etc :

(i) Affiliation of P.U.(Science) in  
Saiha College -

Saiha College has applied for affiliation of Science subjects - Mathematics, Physics, Chemistry and Biology at Pre-University level. The Inspection team which visited the college for the purpose has recommended grant of provisional affiliation in Pre-University (Science) for a period of 2 yrs. During this period, the College should make up the following deficiencies :

1. One more lecturer in each of the subjects - Physics, Chemistry and Biology.
2. A Separate laboratory with floor area of 1000 Sq. ft.
3. A library - cum -reading room with 200 books in each of the science subjects.

The matter is placed before the Council for consideration.

- (ii) Grant of provisional affiliation to  
J.Buana College, Lunglei.

J. Buana College, Lunglei which has applied for grant of provisional affiliation, was inspected by an Inspection team constituted for the purpose. The team recommended grant of provisional affiliation upto Pro-University (Arts) level 2yrs i.e. 1990-91 and 1991-92 in subject - English, Education, History, Pol.Science, Economics, Geography and Mizo(MIL). The Inspection team also recommended that before considering extension/renewal of provisional affiliation, the college should make up its deficiencies in Laboratory facilities for Geography practicals and should have a separate Library - cum - reading room with at least 200 books in each of the subjects.

The matter is placed before the Council for consideration.

(iii) Upgradation of Lawngtlai College to Degree level :

Lawngtlai College, Lawngtlai has applied for up gradation to Degree level in Arts.. The Inspection team which inspected the college for the purpose noted that it was very difficult for the students of Lawngtlai to write their exams at Lunglei in view of the distance between the two places. The college has shown good results at Pre-University level in 1987-88 and 1988-89, but is lacking in staff strength and library books. The team, therefore, recommended upgradation of the college to B.A. level provisionally for a period of 2 yrs and during this period the college should fulfil the staff strength and number of books in the library to match the requirements at Degree level.

The matter is placed before the Council for consideration.

5:8 - Others :

- (1) Nomination of members for the Board of Under-Graduate Studies in law -

Under Ordinance OA-9 on the Board of Under-Graduate Studies, three persons not below the rank of Readers are to be nominated by the Academic Council. The following three names may be considered by the Council for nomination as members of the Board of Under-Graduate Studies in law for a term of three years.

1. Prof. J.B. Bhattacharjee,  
Department of History,  
N.E.H.U., Shillong.
2. Shri A. Hussain,  
Principal,  
University Law College,  
Guwahati.
3. Shri H.N. Kalita,  
Principal,  
Government Law College,  
Guwahati.

.....

5:8:2:(1)

- (ii) Bhatnagar Fellowship INSA/UGC Professorship  
and National Professorship to Academics -

The University Grants Commission at its meeting held on 29th June, 1990 considered the matter relating to Awards like Bhatnagar Fellowship, INSA/UGC Professorship and National Professorship to academics. The Commission desired that those academics who get Special Awards like Bhatnagar Fellowship, INSA/UGC Professorship and National Professorship etc., should have continuity of service and also continue to have all position and privilege of University Professorship and will be governed by the service rules of the respective University like continuity in service, housing accommodation etc., and should continue to participate in full in the university activities as before without any change due to such awards/assignments etc. The University can also utilize temporarily the post held by the awardee in accordance with the provisions in the scheme of such awards. A copy of the letter of University Grants Commission may be seen at Annexure-'A'.

The matter is placed for consideration of the Executive Council.

C O P Y

UNIVERSITY GRANTS COMMISSION,  
BENARAS SHAH ZAFAR MARG,  
NEW DELHI-110002

P.L.Malik  
DEPUTY SECRETARY

D.O.No.1-22/90(CPP)

Dear Vice Chancellor,

The Commission at its meeting held on 29th June, 1990 considered the matter relating to Awards like Bhatnagar Fellowship, INSA/UGC Professorship & National Professorship to academics. The Commission desired that those academics who get special awards like Bhatnagar fellowship, INSA/UGC Professorship & National Professorship etc. should have continuity of service and also continue to have all position and privilege of university professorship and will be governed by the service rules of the respective university, like continuity in service, housing accommodation etc. and should continue to participate in full in the university activities as before without any change due to such awards/assignments etc. The University can also utilize temporarily the post held by the awardee in accordance with the provisions in the scheme of such awards.

It is requested that necessary action be taken at your end on the above noted decision of the Commission.

With regards,

Yours sincerely,

Sd/-

P.L.Malik.

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

(iii) Change of nomenclature of the  
Department of Forestry -

The Department of Forestry started functioning with the assumption of office of Dr L.K. Jha as Professor of Forestry on 8th August, 1990 at Aizawl. Prof. Jha proposed that the Department of Forestry may be converted to the School of Forestry and Environmental Sciences or its nomenclature may be the Centre for Forestry and Natural Resources Management, as Forestry is a multi-disciplinary programme, its main components being Silviculture, Utilisation Management, Wild Life Management, Protection, Social Forestry, Agro-Forestry, Social Science, Extension etc. The University Grants Commission sanctioned the Department of Forestry in the 6th Five-Year Plan and the Commission desired that it should start functioning from the year 1984-85. In Ordinances OA-3 and OA-4 of the University, it figured as the "Centre for Forestry and Natural Resources Management." However, as the Department of Forestry, and not the Centre, has been sanctioned by the UGC, the nomenclature may be the Department of Forestry, The proposal to change the nomenclature of the School of Environmental Sciences to the School of Forestry and Environmental Sciences may also be considered by the Council. Prof. Jha has also suggested that the Departments under the School of Environmental Sciences like the Department of Geography and the Department of Geology may be transferred to the Mizoram Campus. At present the Department of Geology is located in the Nagaland Campus at Kohima and the Department of Geography is at the headquarters at Shillong.

The other proposal is that the teaching in Forestry may be conducted by the Department both at the Under-Graduate level (four year degree course) and the Master's Degree (two years) from the next academic year of 1991 as forestry graduates are not available.

The requirement and the teaching staff will be about 30 (thirty) as it will be a multi-disciplinary programme. The courses may be conducted with the assistance of experts in Forestry and by engaging retired forest officers, research scientists and local forest officers. The letter of Prof. L.K. Jha may be seen at Annexure - A.

The matter is placed for consideration of the Council.

Department of ForestryFrom :

Dr. L.K. Jha  
 Professor,  
 Department of Forestry  
 Mizoram Campus,  
 Aizawl - 796007

To

The Vice-Chancellor,  
 North-Eastern Hill University,  
 Shillong Campus,  
 Shillong.

Through : The Pro Vice-Chancellor, Mizoram Campus, Aizawl-796007.

Subject : Regarding change the name of Deptt. of Forestry and transfer of other Deptt. of School of Environmental Science in Mizoram Campus.

Sir,

Respectfully I have to say that Forestry is multidisciplinary programme. The main components of the Forestry are Silviculture, Utilisation, management, wild life management, Protection, Social Forestry, Agro-Forestry, Social Science, Extension etc. Thus the strength of the Teaching Staff will be not less than thirty. (As proposed in VIII Five Year Plan)

If we fail to appoint teachers in different disciplines, then it will be injustice in the part of Forestry teaching.

We can't get forestry graduates from colleges or other Universities. They have already started M.Sc forestry teaching. In order to solve this, we have to produce both Forestry Graduates as well as Master degree holders, in the same Campus. I hope that our syllabus of B.Sc Forestry and M.Sc Forestry will be ready and approved by Board of Under-Graduate Studies and Board of Post Graduate Studies respectively before Feb, 1993. We can start Forestry teaching both at Under-Graduate (4 years) degree course and Master degree in Forestry (2 years) with the assistance of experts of Forestry, by appointing Retd. Forest Officers, Research Scientists and local Forest Officers.

Thus it is apparent that the Deptt. word will not be much appropriate for Forestry Unit. Keeping this in mind I propose that the name of Deptt. of Forestry should be changed to School of Forestry and Environmental Sciences. If authority fills that there may be problem in getting approval from Govt. of India, then Deptt. should be named as Centre for Forestry and Natural Resource Management under School of Environmental Sciences. This is already approved by Ministry of Education, Govt. of India, vide letter No. F.10-23/761/24 (U.2), dated 19.3.1977, and it is also amended vide Executive Council Resolution No. E.C. 31:82:15. This is also included in Section 26 (1) (q) read with Clause 5 (a) of the Schedule of the NEHU Act, 1973. This Deptt. will run as per rule of centres as framed by the NEHU.

....2/-

5:8:3:(3)

In order to strengthen the School of Environmental Sciences and to conduct various Interdisciplinary teaching as well as research programmes, it will be wise step to transfer other Deptts of the Environmental Sciences in Mizoram Campus, Aizawl (viz., Deptt. of Architecture, Deptt. of Geography and Deptt. of Geology).

I, therefore, request you to consider my proposal and communicate decision at your earliest possible date.

With regards,

Yours sincerely,

Sd/-  
L.K. JHn

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- (iv) Creation of a supernumerary seat in each Post-Graduate of School of Agricultural Sciences and Rural Development in service candidates.

In its meeting held on 29th June, 1990, the School Board of the School of Agricultural Sciences and Rural Development resolved to create one supernumerary seat in each of its Post-Graduate Departments for in service candidates.

The matter is placed before the Council for consideration.

- (v) Donation of Rs. 25,000/- by Mr. Justice Krishna Iyer, Former Judge, Supreme Court.

In the 38th meeting of the Academic Council it has been decided that the sum of Rs. 25,000/- donated by Mr. Justice Krishna Iyer, be utilised for an award to the best girl student in M.A Final of Pol. Science.

Mr. Justice Krishna Iyer requested that the award may be designated as "The Smt. Sarada Krishna Iyer Memorial Award".

The matter is placed before the Council for consideration.

- (vi) Admission of honours students of the affiliated colleges of Tripura University, to the P.G. Departments of NEHU -

The University of Tripura, being a new University, has not yet started P.G. Departments in some subjects where honours teaching is available in its affiliated colleges. As such students passing honours in subjects like Psychology, Geography, English, Philosophy and Education have to seek admission to P.G. Courses in other Universities.

The Vice-Chancellor, Tripura University, has, therefore requested this University to consider the cases of students of Tripura University for admission sympathetically so that some of them get themselves admitted to this University if they qualify according to our admission criteria.

The Vice-Chancellor, Tripura University also cited that in the East Zone Vice-Chancellor's meet at Gauhati University on 27.4.90, the Vice-Chancellors of well established Universities were requested to consider making some special provision of some seats for the students of other Universities which does not have the necessary infrastructure for specific disciplines.

The letter of the Vice-Chancellor, Tripura University is placed at Annexure-'A' for consideration of the Council.

5:8:6:(2)

Prof. J. B. Ganguly,  
M. A., Ph. D.  
Vice-Chancellor.

ANNEXURE- 'A'

TRIPURA UNIVERSITY  
COMPOUND - 799004  
TRIPURA INDIA.

D. O. No. F. 20(9)/VC/TU/90  
31st August, 1990.

Dear Professor Narain,

As you might be aware ours is a new university and we have not yet been able to open Post-Graduate courses in some subject even including those in which our affiliated colleges provide honour teaching facilities. Students passing out with honours in these subjects, such as, Psychology, Geography, English, Philosophy and Education, have, therefore, to seek admission to M.A./M.Sc. courses in other Universities.

I would, therefore, make a fervent appeal to you kindly to ensure consideration of applications for admission from students of Tripura University sympathetically so that some of them may get themselves admitted to your University if they qualify according to your admission criteria.

In this connection may I mention that in the East Zone Vice-Chancellors' meet held at Gauhati University on 27 April 1990 the Vice-Chancellors of well-established universities were requested to consider making some special provision of some seats for the students of other universities which do not have the necessary infrastructure for specific disciplines (consensus No.13).

I hope you will accordingly consider the case of our students seeking admission to your university in the above-mentioned courses with sympathy.

With kind regards,

Yours sincerely,

Sd/-J. B. Ganguly

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

5:8:7(1)

- (vii) Fifteen years of NEHU - A Review of Academics from the University -

Prof. A.P.Sinha, Head, Department of Anthropology has submitted a note on " FIFTEEN YEARS OF NEHU - A review of Academics from the University " .

The note is placed at Annexure 'A' for consideration of the Council.

FIFTEEN YEARS OF NEHU- A Review of Academics from the University.

I. NEHU is over fifteen years old now (1990). In more particular terms, NEHU till now has seen the efforts of three Five Year Plans, the 5th to the 7th. Within these fifteen years NEHU has received prominent and substantial investment of resources, both financial as well as human, all this through specialized attentions of the Centre. For this, and some specific other reasons, there is need now (1990) to review 'the achievements and progress of this University'. To re-inforce the suggestion, we may take attention to the reasons.

I.1. Between the Universities in the country, NEHU is the only University which has been entrusted with specialized responsibility towards a designated territory and its peoples. Section 4 of the Act spells out this very clearly. It reads:

"..... to pay special attention to the improvement of social and economic conditions and welfare of the people of the hill areas of the North Eastern Region and, in particular, their intellectual academic and cultural advancement".

I.2. RISE UP AND BUILD. This is the Motto of NEHU. The academics at NEHU is expected to formulate itself through Schools. NEHU is a multi-campus university, and this with a difference, as the constituent campuses are located in different States, far apart from each other.

I.3. Higher Education, its objectives and achievements- this has emerged as a subject of increasing concern ever since 1983 when the UGC constituted the Madhuri Shah Committee of experts "to Enquire into the Working of the Central Universities"; in 1986 the formulations in the National Policy for Education, and in same year the Mehrotra Committee on "University Education". "Social Relevance" and "Accountability" appeared as the main concern in each of these expert attentions. We may take attention to relevant details in regard to each of these three.

II.1. Section 4. The designation of specialized responsibility to

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NEHU, with reference to designated territory and its inhabitants has come through empirical and hard pragmatic considerations, rather than anything esoteric or doctrinaire. Those involved with NEHU, and its efforts, need to keep themselves fully reminded of this.

Ever since Independence, the Centre has been giving specialized attention to the needs of development of the North Eastern Region. We are all well aware of this. The first evidence is the presence of a full Schedule (the VIth Schedule) in the Constitution to formalize exclusive attention to the needs and expectations of the peoples of the hill regions of this part of the country. This has been followed through a sequence of development exercise and legislations, initiated and organized by the Centre. By the end of the 60's the Centre took a revised look at its approaches towards the development efforts/needs of this region. As a consequence, it was felt that a "package-approach" of development will be needed. And hence, in the early years of the 70's the Centre brought a set of enactment :

(i) There was the set of enactments from the Centre leading to administrative re-organizations, facilitating the creation of the State of Meghalaya, the State of Manipur, the State of Tripura, and the two Union Territories, that of Mizoram and Arunachal Pradesh. Such administrative reorganisation was made with the understanding that elevating Meghalaya, Manipur and Tripura to the rank of full States and, Mizoram and Arunachal Pradesh to that of Union Territory will help to motivate and to facilitate the much needed closer sustained peoples participation with 'development' in each of the five territories.

(ii) Along with this set of enactments, there was the Act which led to the creation of the North Eastern Council (NEC). This was with the understanding that such an organisation will oversee the needs of integrated and balanced development of the Region.

(iii) These two were accompanied with the enactment which led to the creation of the North Eastern Hill University (NEHU). It was felt that such a University in the Region should be the nucleus to

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generate the much needed human resources, specialized manpower component of the development of the Region.

The academic responsibilities entrusted to NEHU, vide Section 4, need to be appreciated bearing this background in mind.

II. 2. RISE UP AND BUILD. This is the motto of the University. If we take a little close look at the experiences at NEHU, we can find this suggests much. Between the fifteen years of efforts invested at NEHU, the first five years can be assigned as those devoted towards the tasks of RISE UP, namely to bring this University to a visible shape. This was the period which saw the efforts of the founding Vice-Chancellor (Dr. Devensan, 1973-1978), when many of the material and organizational structures were brought to visible shape: the three Campuses, a set of Departments organised with their teaching and research programmes; the Central Library. The remaining ten years 1978 till date, can be referred to as the period devoted to the tasks of AND BUILD, and which has seen the efforts of five Vice-Chancellors till date.

The experiences of this period, 1978 till date, are mixed, encouraging as well as not-so-encouraging. While on the one hand we have accounts which suggest positive achievements, those of growth and success, on the other hand are the experiences which provide accounts of retarded growth, even decay through factors like constraints, insufficient or misplaced attention, disturbed continuity.

II.3. Higher Education. Concern in respect of this can be traced back to the early 60's, with the Radhakrishna Committee to begin with. More focussed concern with respect to the Central Universities precipitated in 1983, when the UGC constituted a committee of experts under the chairmanship of Madhuri Shah 'To Enquire into the Working of the Central Universities', and later in 1986 we had the Mehrotra Committee and the Report on the New Education Policy. These in combination outlined definite attention on (a) the social-relevance score and (b) the accountability-scores of education, through the Universities. The Madhuri Shah Committee in its Report made special mention about inadequate attention being given to the third dimension of University education (social relevance, reasearch and instruction

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addressed to social realities and social problems. The Mehrotra Committee and the New Education Policy (1975) have underlined very boldly the accountability-score.

III. These references should be sufficient to impress on the need now (1990) to 'review the academics from NEHU' through the efforts of the last more than fifteen years.

This is placed before the Academic Council for its consideration.

IV. To provide basis for deliberation, a few points relating to the suggested 'review' may be placed.

IV.1.1. The academic efforts at a University, organised through the different academic departments is expected to make contribution towards the growth of the academic disciplines. Variety of debates apart, we cannot deny that this component of expectation from a University is realistic.

VI.1.2. The academic efforts relating to each of the disciplines, organised at the University through the respective Departments, are expected to contribute towards the understanding of issues related with development and Planning, for the territory with which the University identifies itself. This is often referred to as linking knowledge from Lab to Land. A close, critical reading of the Report of the Working Group on 'The Development of the North Eastern Region during the 7th Plan Period' will easily reveal how efforts relating to the development of the Region expects much from knowledge that can be generated at NEHU. (This working Group was constituted by the Planning Commission and the Report was prepared under the supervision of the NEC). This Report referred to many areas of information gap and development perspective. The academic disciplines of Mathematics, Philosophy, History, and those in the School of Languages can be exempted when considering this aspect of 'uses of knowledge generated from this University and the North Eastern Region.

IV.1.3. Manpower Training. 'Education at a University has not to stop at classroom transference of 'Knowledge' it has to be an effort oriented towards manpower training, a Master's degree in a discipline should imply to equip with 'skill' particular to the discipline with reference to human affairs. The issues with this are well understood and hence need not be repeated.

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IV.2.1. To summarize, we may review

(i) the contribution from the academic efforts organized at NEHU towards the growth of the academic disciplines represented at NEHU with reference to the efforts of the respective departments, (ii) the contributions from the academic at NEHU towards facilitating the efforts of the development planners and development administrators, and (iii) the contribution from the academics at NEHU towards generating the manpower needs of the region.

VI. 2.1. The review of the performance of NEHU may be referred to as review in terms of 'produce function' score of NEHU. To appreciate much about this, or more correctly, to adopt a more realistic attitude towards this, attention will also have to be taken towards 'the management-function' score of the NEHU- 1973-1990. This will need to take attention to the range of issues involved with: (i) Personnel and (ii) Management.

(i) Personnel. Review of issues related with personnel will take attention to the full range of questions relating to recruitment, performance, facility of available to the faculty. Review of NEHU with reference to set of questions under this heading has visible empirical reference, we may recall that (a) between 1982-1986 many specialized efforts were made to find "suitable and effective" faculty for NEHU, (b) we may also remind ourselves that many of Departments, and specially those in the two outlying campuses, are suffering due to insufficiency of faculty. (c) Overarching these two, we cannot ignore the increasing questions which are now been raised about the 'recruitment policy' of NEHU.

(ii) Management. In this regard in its ultimate implication, what matters for a University is its experiences from its Vice-Chancellors. The experiences of NEHU with reference to this score has been very indulgating. This reminds me of a recent observation expressed by the present Vice-Chancellor of Delhi University, Professor Upendra Baxi. He shared this publicly, (Copy enclosed).

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After running attention to a number of critical issues he suggests "there is need to formulate theory of Vice-Chancellors". It will benefit to appreciate that such observations flow from real-life-experience rather than any formality or pedanticism. In this connection, we may recall, the Madhuri Shah Committee, when Enquiring into the Working of the central Universities (1984) it has made very visible mention of the expectations from the role of the Vice-Chancellors.

V. Utility. The utility of such a review is self-evident. For sake of ready reference it may be listed :

- (i) It will help in future planning and future guidance.
- (ii) In a way, more importantly, it will help NEHU to present its arguments to the UGC and the Centre, in support of (a) To restore the cuts imposed on NEHU. We need to appreciate in clear terms that a generalized approach to the needs of NEHU, extending the one given to other governmental agencies, contradicts the claim of the Centre that special attention is being given to the needs of the North Eastern Region. More, NEHU deserves specialized attention, and not only immediate restoration of the cuts, but also enhancement in the outlay provisions, as this is a multi-campus University with a difference.
- (b) To convince the authorities at the Centre, the UGC and the Ministry, to expedite the processing of requirements of personnel and finance, and adopt a more pragmatic attitude towards them.

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(viii) Shortage of faculty staff in the  
Department of Commerce, NEHU, Nagaland  
Campus Kohima -

Dr. V.K.Kumar Reader and head, Department of Commerce, North-Eastern Hill University, Nagaland Campus, Kohima has pointed out that the Department of Commerce is running with only two teachers i.e. himself and one lecturer. All present there are six students in the III<sup>rd</sup> Semester. The admission in the 1<sup>st</sup> year of this year could not be made due to shortage of faculty staff and it may not be possible next year also if the situation does not improve. Due to disturbances in the state, the teachers of other universities are not willing to come to Kohima. It may therefore be difficult for the Department to conduct the courses for the students in the III<sup>rd</sup> Semester when they are promoted next year. The students of the North East interested in pursuing M.Com. are put to a lot of difficulties.

The Head of Department has, therefore requested, the Academic Council to consider the matter and give its decision with regard to Commerce Education in this University.

(ix) Nomination of members for the Board of  
Pre-University Education -

Under clause 3(v) of the Regulation RA-1, the Academic Council, on the recommendation of the Vice-Chancellor, is to nominate the members to the Board of the Pre-University Education under the following four categories -

- (a) four teachers of affiliated colleges associated with teaching at the Pre-University level.
- (b) four Principals of affiliated colleges.
- (c) one Principal of constituent colleges.
- (d) four outside experts at least two of whom are familiar with vocational courses.

The Vice-Chancellor has recommended the following for consideration of the Council -

- (a) Four teachers from affiliated colleges :
  - (1) Shri Romesh Buragohain, Head, Department of History, Lunglei Govt. College, Lunglei.
  - (2) Shri Lalita R. Khadria, Head, Department of Political Science, Dimapur College, Dimapur.
  - (3) Dr. P. Bhattacharjee, Head, Department of Physics, St. Edmund's College, Shillong.
  - (4) Smti Nani Bordoloi, Head, Department of Botany, Lady Keane College, Shillong.
- (b) Four Principals
  - (1) Principal, St. Anthony's College, Shillong.
  - (2) Principal, Tura Government College, Tura.
  - (3) Principal, Kohima Science College, Kohima.
  - (4) Principal, Zirtiri Women's College, Aizawl.
- (c) Principal of constituent college :
  - (1) Principal, Pachhunga University College, Aizawl.

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(d) Four outside experts :

- (1) Dr. V.A. Parthasarathy, Scientist S-2, ICAR Complex for NEH region, Division of Horticulture, Bareilly.
- (2) Dr. A.B. Sarkar, Professor of Animal Production Assam Agriculture University, Khanapara Campus, Guwahati.
- (3) Prof. S. Dey, Department of Zoology (Pisciculture), Guwahati University, Guwahati.
- (4) Dr. R.P. Dauri, Department of Physics (Electronics), Dibrugarh University, Dibrugarh.

The matter is placed for consideration of the Council.

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6:2- Appointment/Creation-up-Graduation etc:

(1) Teachers for Nagaland Campus

The departments in Kohima Campus suffer due to shortage of teachers. This session, new admission to departments of commerce and English are yet to be taken due to this reason, though applications are received. All Heads/Incharge of departments at Kohima met on 7/7/90. They reviewed the situation critically and resolved to impress upon the academic council to be more concerned for appointing teachers.

Similarly, the School of Agricultural Sciences and Rural Development, suffers due to shortage of teachers.

It is proposed that :

- (a) Recruitment of teachers to the departments in Nagaland Campus be done on Urgent basis.
- (b) The Deans of the concerned Schools may pay more attention to the recruitment of teachers, and
- (c) Special drive and effort to recruit teachers be made.

"It is gathered from the Section concerned that the vacant positions were advertised in Nov/89 and Jan/90 but screening of applications and interview of candidates have not taken place.

The matter is placed for consideration of the Council."