

6:7:2(1)

- (ii) Preparation of Environment Impact Assessment (EIA) and Environmental Management Plan (EMP) Report for New Shillong Township.

Letter No.Nil dated 30.3.2006 from Prof. B.K.Tiwari, Principal Investigator, Centre for Environmental Studies, NEHU, Shillong placed at (Annexure 'A') and letter MUDA.130/Pt-I/2000-01/84 dated 16th March received from Secretary, Meghalaya Urban Development Authority, Shillong regarding preparation of Environment Impact Assessment (EIA) & Environmental Management Plan (EMP) Report for New Shillong Township placed at (Annexure 'B'). The matter needs to be approved by the Executive Council meeting.

The matter is placed before the Council for consideration.

6:7:2(2)

In measure 'A'



NORTH-EASTERN HILL UNIVERSITY
CENTRE FOR ENVIRONMENTAL STUDIES

NEHU CAMPUS, UMSHING, SHILLONG - 793 022, (MEGHALAYA) INDIA

Prof. B.K. Tiwari
Principal Investigator

Phone No. 272-1158

Dated: 30.3.2006 /1075-

To

Dr. J.N. Nayak
Deputy Registrar (Acad)
NEHU, Shillong-22.

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PE. put up.

(Acad)
SOL
Dr. Kishor Saha

31/3/06.

31/3/06

Dear Dr. Nayak,

I am happy to inform you that Meghalaya Urban Development Authority has approached us to prepare an Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) Report for New Shillong Township.

I, therefore, request you to kindly grant us permission for take up the above works. Relevant papers concerning this project are enclosed for your perusal and records.

Thanking you,

Yours sincerely,

B.K. Tiwari

(B.K. Tiwari)

E.L.
Open a new file under the
Project EIA. 25/4/06

Encls: as above

may be
power email for
Acad. Secy
25/4.

Received only on to-day
25/4/06. On going through the papers
it appears that the matter to be dealt
by plan. dept. & not Acad. See The P.I.
is seeking only permission - New Shillong
Township.
25/4/06

6:7:2(3)

Annexure 'B'

MEGHALAYA URBAN DEVELOPMENT AUTHORITY
SHILLONG.

No..MUDA. 130 / Pt-I/2000-01/84

Dated Shillong, the 16th March. 2006

To,

Prof. B.K. Tiwari,
Head, Center for Environmental Studies, NEHU,
Permanent Campus, (Mawlai) Umshing – Mawkynroh, Shillong -793002


Sub: - Preparation of Environmental Impact Assessment (EIA) & Environmental Management Plan (EMP) Report for New Shillong Township.

Reference: Your letter No. Nil Dated: 14-2-2006

Sir,

In referring to the subject cited above, I am directed to convey approval for carrying out the above work in accordance with the specified Scope of Work and Terms and Condition as per Annexure I.

Yours faithfully,


Secretary
Meghalaya Urban Development
Authority, Shillong.

**ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL
MANAGEMENT PLAN FOR NEW SHILLONG**

A. **NAME OF WORK**: - Preparation of Environmental Impact Assessment and Environmental Management Plan for New Shillong Township Area.

B. **SCOPE OF WORK**: -

1. Watershed area to be identified within the New Township area of 2030 hectares: collection, collecting and compilation of data on the Physiography, Geology, Crop and Cropping Pattern, Flora and Fauna, Meteorological data pertaining the temp, wind velocity, etc. and surface water run-off, retention and infiltration. Land use to be including, conducting study on the impact of the township programmed on the watershed area.
2. Broad identification of watershed into critical and non critical areas corresponding to marshy land, forest reserve areas, etc., including identification of villages and habitation knowing the population and cattle population falling within the watershed area (critical and non critical); those are to be clearly indicated on the Master Plan.
3. Drainage map and macro level identification of drainage in the surrounding areas of the New Township; Survey of drainage pattern and suggest changes in drainage pattern, if any, indicating whether such changes will effect the erosion of land. Suggest necessary preventive measures, thereof, if so required.
4. Location of water bodies:- Water bodies to be least disturbed and existing water regime to be maintained. Survey these and locate these in the drawing showing drainage line and watershed lines should not cross the drainage lines.
5. Identification of watershed line:- conduct detailed survey and indicate these in the drawing. The watershed lines should not cross the drainage lines.
6. Conduct soil testing and its classification analysis determine porosity of area and ascertain infiltration rate to establish the land capability and land use.
7. Determine the land use pattern:- Identify the land use. Also suggest suitable measures such as a forestation, soil conservation, reclamation of land or any other measure, if required towards mitigating problems necessitated by the proposed land-use.
8. Compile Data on water Discharge with respect to ground water profile and allowable extent of its exploitation including ascertaining surface water quality and its availability for different uses. (Domestic & non-domestic) of the New Township
9. Prepare estimate of water balance/ water budgeting for the proposed area relevant to surface and ground water resources. Suggest appropriate measures to make the area self sufficient in water needs.
10. Impact of land-use on economic activities (agricultural, cultivation, etc.) – Impact on legal right / traditional activities in the critical and non-critical catchment area.
11. Impact study on economic activities (agricultural, mining).
12. Impact in social activities.
13. Impact study on air, soil, flora & fauna.
14. To identify the problem and to suggest suitable measures to mitigate the problem, viz. a forestation, soil conservation watershed management, educational awareness and any other measures.

C. TERM AND CONDITIONS:

1. Relevant documents such as Toposheets, Map, Geo-environmental studies of Shillong/ Botanical/ Zoological studies etc., will be made available to the consultant & arrangement for the same shall be made by Meghalaya Urban Development Authority including assistance in obtaining necessary Government permission as would be necessary in connection with obtaining data pertaining to other Government Department / Agencies.
2. During the course of survey / inspection of the area logistic support limited to accommodation at Shillong will be provided by Meghalaya Urban Development Authority.
3. Arrangement & Management of all manpower both technical and non-technical required for the study / field survey shall be the responsibility of the consultant. Any hiring at any expert required for the job, shall be the responsibility of the consultant and the costs involved therein shall have to be borne by them.
4. The report will have to be submitted by the consultant within 1(One) year from the date of issue of the confirmed work order.
5. Twenty five copies of the Report should be submitted.
6. In the event of the finalisation of the consultancy charges and its acceptance by the Government no enhancement at any stage shall be allowed under any circumstances.
7. No enhancement in cost or extension of time will be granted by Meghalaya Urban Development Authority in case of any delay in completion of the study.

D. TIME FRAME:


One year from the date of receipt of Work Order and release of 1st installment of the project cost from Meghalaya Urban Development Authority.

E. Terms OF PAYMENT

- I. 50% of the total project total cost to be paid along with the formal work order.
- II. 30% of the total cost to be paid after submission of the draft Environmental Impact Assessment and Environmental Management Plan Report.
- III. The remaining 20% of the Project cost has to be paid after the submission of the final Environmental Impact Assessment and Environmental Management Plan Report i.e. after incorporation of the modifications based on the comments of the Meghalaya Urban Development Authority on the draft Report, if any.



Prof. B.K. Tiwari,
Centre for Environmental Studies,
NEHU, Shillong.



Secretary,
Meghalaya Urban Development
Authority, Shillong.

NORTH-EASTERN HILL UNIVERSITY
CENTRE FOR ENVIRONMENTAL STUDIES
Mayurbhanj Complex, SHILLONG – 793 014, INDIA

Prof. B. K. Tiwari
Head

☎ 0364- 2231630 (Office)
Fax 0364- 2231919

Letter No. NEHU/CES/EIA-Shillong 85-1

Dated: March 31, 2003

The Secretary
Meghalaya Urban Development Authority
Shillong – 793 001

Subject: Preparation of Environmental Impact Assessment (EIA) and
Environmental Management Plan (EMP) Report for New Shillong
Township

Ref.: Your letter No. MUDA.130/Pt-1/2000-2001/29/577 dated 21 March, 2003

Dear Sir,

Thank you very much for your above mentioned letter regarding preparation of the Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) Report for New Shillong Township. The EIA team of the Centre discussed the scope of work and terms and conditions appended with your letter and authorized me to intimate you that the Centre will be able to undertake the assignment.

As desired, I am furnishing the details of expertise available with us, time frame, cost of preparation of the EIA and EMP report and our terms and conditions for undertaking the work and we should be able to complete the task within 6 months time, as required by you.

Awaiting your confirmed work order,

Yours sincerely,


(B.K. Tiwari)

Enclosure: as above

Mr. Manoj Singh, MUDA
222 7967

dk

1. Expertise available with the Centre for Environmental Studies, North-Eastern Hill University, Shillong

The Centre for Environmental Studies, North-Eastern Hill University, Shillong has been conducting research on various aspects of Environmental Sciences with special emphasis to the north-eastern region since its inception in 1987. The Centre has a multidisciplinary team of scientists and researchers, and has successfully completed several scientific studies that includes more than 30 research projects and has prepared 6 EIA and EMP Reports, sponsored by national and international agencies. Some of the EIA/EMP Reports prepared by the Centre include those sponsored by North-Eastern Council, Shillong; Uranium Corporation of India Limited; La Farge Cement International; and National Hydropower Electricity Corporation.

The Centre has a well-equipped laboratory supported by adequate scientific and technical manpower. The facilities include Digital Micrometeorology Weather Monitoring System, Respirable Dust Samplers for ambient air quality monitoring, Noise Level Meters, Equipments for water, wastewater and soil analyses, and Image Processing facilities with GIS package. The Centre also has a number of computers with requisite software programmes for computation and data processing and Electric Generators for power backup.

The EIA and EMP team of the Centre comprises of a Core Group and Research and Technical personnel. Since preparation of EIA and EMP requires multidisciplinary approach, the team seeks help and invites expertise from specialists as and when required. The names and experience of the Core Group members, Research and Technical Personnel and Consultants/ Experts currently with the Centre are as follows:

A. Core Group

| Name and Designation | Fields of Expertise | Experience |
|---|---|--|
| Prof. B.K. Tiwari, M.Sc. Ph. D., Head, Centre for Environmental Studies, NEHU, Shillong | Natural Resource Management, Urban Ecosystem Analysis, EIA and EMP | More than 28 years in various fields of environmental science including eco-development, EIA/EMP, Urban ecosystems, Forest management etc. |
| Dr. O.P. Singh, M.Sc. Ph. D., Reader, Centre for Environmental Studies, NEHU, Shillong | Biodiversity, Eco-Restoration of Degraded Ecosystems, EIA and EMP | More than 23 years in Biodiversity conservation, Management of water resources, Environment associated genetic changes, EIA and EMP |
| Dr. S.K. Barik, M.Sc. Ph. D., Reader, Department of Botany, NEHU, Shillong | Ecology, Management of Soil and Forest, GIS, Socio-economic Analysis, EIA and EMP | About 20 years in Micro Planning, Remote Sensing and GIS, Forest regeneration and management, Soil conservation, PRA, EIA and EMP |

B. Research and Technical Personnel

| Name and Designation | Fields of Expertise | Experience |
|---|--|--|
| Dr. K. Sarma, M.Sc., Ph.D. Research Associate, RCNAEB, NEHU, Shillong | Geomorphology, Impact Assessment of Mining and Cartography | More than 8 years in Slope, Drainage and Relief analysis, Environmental impact of mining |
| Miss Jennifer V. Wahlang, M.Sc. (Geological Sciences) Research Fellow, Centre for Environmental Studies, NEHU, Shillong | Urban Ecosystem Analysis | 2 years in Urban studies |
| Mr. T. Saphrong, Research Fellow, Centre for Environmental Studies, NEHU, Shillong | Environmental Pollution Monitoring, Socio- economic Survey | 2 years in Pollution monitoring and Socio-economic survey |

C. Experts/Consultants (the team seeks their help and invites expertise in areas of specialization as and when required)

| Name and Designation | Fields of Expertise | Experience |
|--|---|--|
| Dr. P. Phukan , M.Sc. Ph. D., Reader, Department of Geological Sciences, Gauhati university, Guwahati | Geology, Hydrogeology, Geomorphology | About 20 years in the field of Geology, Hydrogeology, and Geomorphology |
| Prof. H.N. Pandey, M.Sc. Ph. D., Department of Botany, NEHU, Shillong | Soil Science, Grassland management, Landscape analysis | More than 30 years in rangeland management, soil science and analysis of degraded ecosystems |
| Dr. K. Haridasan, M.Sc. Ph. D. Scientist SE, State Forest Research Institute, Itanagar | Biodiversity, Traditional Knowledge Systems, Conservation ecology | More than 23 years in Biodiversity and management of water resources, Genetic changes |
| Dr G. D. Agarwal, B.E. (Civil Engg.), M.E., Ph., D., Honorary Professor, Gramodaya Vishwavidyalaya, Chitrakoot, M.P. and Advisor, Envirotech, New Delhi | Hydrology, Hydrogeology, wastewater treatment, urban water management | More than 32 years in township development, solid waste management, and wastewater treatment |
| Dr. T. Saikia, Associate Professor, Jorhat Engineering College, Jorhat | Hydrology, Hydrogeology, | More than 20 years in water balance studies and water budgeting |
| Shri B. Kakade, B.Tech, M. Tech (Water Resource Engg.), Deputy Programme Director, BAIF, Pune | Water resources management | More than 20 years in water resources managements in western ghats |
| Dr. S. C. Katiyar, M.Sc., Scientist'C', MSPCB, Shillong | Environmental Pollution, Special Environmental Planning | More than 20 years in air pollution monitoring and modeling in urban environment |

2. Time frame and Terms and Conditions

Time Frame

Six months from the date of receipt of Work Order and release of 1st installment of the project cost from MUDA.

Terms and Conditions (in addition to those already mentioned in your Letter dated 21.03.2003)

- I. 50% of the total project total cost to be paid along with the formal work order.
- II. 30% of the total cost to be paid after submission of the draft EIA and EMP Report.
- III. The remaining 20% of the project cost has to be paid after the submission of the final EIA and EMP Report i.e. after incorporation of the modifications based on the comments of the MUDA on the draft Report, if any.

Information and Facilities to be provided by the MUDA, Shillong

In addition to the items mentioned in terms and conditions mentioned in your letter, the following items need to be provided:

- I. Detailed Project Report and Project design including maps and layouts.
- II. Latest PAN and MSS imageries of the project area.

3. Cost of Preparation of EIA and EMP Report

| Item | Amount (in Rupees) |
|---|--------------------|
| Survey and data collection and collation on various aspects mentioned in the scope of work such as physiography, geology, crop and cropping pattern, identification of flora and fauna, human and cattle population, socio-economy, agriculture, mining etc. (including fee for surveyors and consumables). | 35,000.00 |
| Data collection, collation and generation on micro-meteorology viz. ambient temperature, humidity, wind speed, wind velocity, rain and preparation of windrose diagram etc. (such as installation, maintenance, manning of the Weather Station). | 30,000.00 |
| Sampling, laboratory analysis, data processing, compilation and modeling on Ambient air quality (parameters as per requirement of EIA) | 55,000.00 |
| Sampling, laboratory analysis, data processing, compilation and modeling of Surface and Ground Water (parameters as per requirement of EIA) | 55,000.00 |
| Sampling, laboratory testing, data processing and compilation of soil | 55,000.00 |
| Survey of drainage pattern, hydrology (water discharge, exploitation, water budgeting etc.), mapping and drawing etc. | 60,000.00 |
| Preparation of EIA Report including relevant maps, drawings etc. | 50,000.00 |
| Preparation of EMP draft Report including relevant models etc. | 50,000.00 |
| Secretarial Assistance | 10,000.00 |
| Salaries, Wages of Research and Technical and Non-technical personnel, Honorarium, Per diem, TA and DA to Core Group Members and Consultants/Experts | 3,00,000.00 |
| Stationary and Office consumables | 15,000.00 |
| Contingency (Kerosene, POL and incidental expenditures) | 40,000.00 |
| Overhead cost including Institutional fee | 50,000.00 |
| Total | 8,05,000.00 |

Rupees Eight lakh five thousand only



HEAD

Centre for Environmental Studies
I.I.T., Allahabad

6:7- Others**6:7:2(1) (i) University Assets / Properties.**

EC:125:2006:6:7:(i): The Council considered the transferring of land including the road leading towards Mawtawar and **RESOLVED** that the land be transferred permanently on free of cost basis on condition that the State PWD Department maintains an all weather road.

6:7:2(1) (ii) Preparation of Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) Report for New Shillong Township.

EC:125:2006:6:7:(ii): The Council considered the preparation of Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) Report for New Shillong Township by the Centre for Environmental Studies and **RESOLVED** that a certificate from the HOC and Dean of School be obtained as per SR – 11 and details of the consulting fees should be supplied by the Investigators and no MOU should be signed without the prior approval of the University. Further, the Council **RESOLVED** that a Committee consisting of the following members be constituted to frame the rules for such types of consultancy.

| | |
|----------------------------|----------|
| 1. Prof. R. Lalthantluanga | Convener |
| 2. Prof. (Ms) T.Ao | Member |
| 3. Dr. M. Ansari | Member |

ITEM NO.7**FINANCIAL MATTERS****7:1- Finance Committee****7:1:2(1) (i) Nomination of a Pro-Vice-Chancellor as Member of the Finance Committee.**

EC:125:2006:7:1:(i): The Council considered the nomination of a Pro-Vice-Chancellor as Member of the Finance Committee and **RESOLVED** that Prof. SS Khare, Pro-Vice-Chancellor, Tura Campus be nominated as a member of the Finance Committee.

ANNEXURE -I

**ON THE RECOGNITION OF RESEARCH
LABORATORIES/INSTITUTES/ORGANISATION AS CENTRES FOR
PURSUING RESEARCH LEADING TO PH.D DEGREE AND ON THE
RECOGNITION OF A PERSON AS JOINT SUPERVISOR TO GUIDE
RESEARCH LEADING TO PH.D DEGREE
UNDER NORTH-EASTERN HILL UNIVERSITY
UNDER OC - 4**

1. (a) Recognition as a Centre for pursuing research leading to a Ph.D degree of this University may be granted on the basis of a written request either from a member of the faculty of NEHU or by the Research Laboratory/Institute/ Organization concerned and on the basis of a specific recommendation of an inspection committee through the School Board concerned, and acceptance by the Academic and Executive Council of the University.
- (b) While granting such a recognition the Academic Council, if it considers desirable, may refer the matter to the concerned School Board/Boards for their considered opinion.
- (c) Where considered necessary, the Academic Council may assess the research in a given field of study before recognition is granted.

2.. The Research Scholar shall be permitted, based on the recommendation of the Supervisor, to work at NEHU or at the recognized research Laboratory / Institute / Organization provided there is a recognized Joint Supervisor for the Scholar in the research institute/laboratory/organization.

The period of stay of the Ph.D scholar in the recognized research institute/ organization shall be counted at par with NEHU.

4. It shall be the responsibility of the concerned School Board to ensure that the candidate has fulfilled all the requirements as laid down in the Ph.D ordinances before the candidate is registered for Ph.D and also at the time of submission.

1. For the purpose of eligibility for Ph.D registration, persons working in research laboratory/institute/organization shall be functionally classified into two categories:

- a. Persons engaged in active research; and
- b. Supporting staff and administration.

The Scholar engaged in active research need not be full time researcher under the University. In their case, the minimum period for submission of thesis should be three year after the date of their formal registration. In case of those scholars not engaged in active research, they should fulfill all requirements are laid down in the Ph.D Programme.

- 6.(a) The recognition of a person as a Ph.D Joint Supervisor shall be initiated by the concerned departments through its BPGS on the basis of a written application from a faculty member of the concerned department along with a letter of consent from the concerned scholar.
- (b) For persons who are employed, the consent shall be routed through the Head of the employing institution; superannuated persons may submit their consent directly. The letter of consent shall be accompanied by a bio-data and other supporting documents including reprints of publications.
- (c) The minimum qualification of such a person for Joint Supervisor shall be a doctorate with three years of Post-doctoral research/teaching experience.
- (d) The Chairman, BPGS shall forward the application along with recommendations of the Board to the concerned School Board for its consideration. The School Board shall forward the recommended names to the Academic Council, through the Board of Research Studies for its approval.

ANNEXURE-II

ON FIVE YEAR INTEGRATED B.A.LL.B (HONOURS) DEGREE COURSE

Under Section 26(1)(b) of the NEHU Act, 1973

- Duration and Structure**
1. The Integrated B.A. LL.B (Honours) Degree Programme under the University shall be a full time course of study spread over a period of five academic years. Each academic year shall comprise two academic terms, each term being called a semester having at least 90 working days, inclusive of semester examinations.
- Eligibility**
2. A candidate seeking admission into the programme must have passed the 10+2 examination in any stream securing an aggregate of not less than 50% of the total marks with at least 50% marks in English from any recognised University/ Board relaxable by 5% for SC/ST candidates and should not be more than 21 years of age as on August 1st of the year of admission. *Relaxable upto 2 years for SC/ST candidates.*
- Admission**
3. (a) The course shall have 60 seats.
(b) Admission to the B.A.LL.B (Hons.) course shall be made to the First Semester only on the basis of the following procedure.
(c) A Written Test and an Interview will be conducted each year by the Department, subject to the fulfillment of all other criteria as specified in the Act, Statutes and Ordinances of the University in the manner prescribed by the University and on the basis of this a merit list will be drawn. Admission will be made according to this merit list.
(d) The standard of admission test will be of class 12 (10+2 system) of the CBSE or its equivalent. The test will be of 2 hours duration with multiple choice objective type or short answer questions, and will cover broadly four areas viz., General English, General Knowledge, Logical Reasoning and Legal Aptitude.
(e) Applications for admission test and the related matters will be governed by the University rules. The aggregate percentage score of the entrance test shall be increased by 10 for candidates who are permanent residents of Meghalaya.
(f) Reservation of seats shall be in accordance with Government of India rules.

(g) Ten percent of the seats will be reserved for the wards of NEHU employees.

(h) The seats remaining vacant under any category will be converted into open category seats.

Attendance

4. A student must have attended a minimum of 75% of the lectures, seminars, tutorials and preceptorials organized by the Department during a Semester to be eligible to appear at the end semester examination.

Provided that in exceptional cases for reasons to be recorded, the Dean of the School may on the recommendation of the Department consider and decide on the request for condonation of shortage of attendance upto 5%. Condonation of any shortage more than 5% and less than 9% may be recommended by the Dean of the School to the Vice-Chancellor with full justification, whose decision shall be final.

Division and classes

5. In order to pass the examination, a candidate shall obtain at least 40% marks in each paper and 48% marks in the aggregate. A candidate securing 48% marks or more but less than 60% marks in aggregate shall be placed in the IInd division and a candidate securing 60% marks or more in the aggregate shall be placed in the Ist division. A candidate obtaining 75% marks or more in any particular paper, shall be awarded distinction in that paper.

Eligibility for the Award of Degree.

6. (a) The candidate shall be eligible to get the B.A.LL.B (Hons.) degree taking into account the performance in the 10 (ten) end semester examinations and the sessionals.
- (b) A candidate can be given a maximum of 2 chances to clear a paper.
- (c) A candidate shall have to clear all the prescribed papers within 7 years from the date of admission in order to obtain the B.A.LL.B (Hons) degree.

Evaluation

7. Students will be evaluated on the basis of theory papers, clinical papers and project work as per the following details:

a) Theory papers:

The evaluation for each theory paper shall be done on the basis of performance in continued sessional work carrying 40 marks and the end-semester examination carrying 60 marks.

The breakup of the sessional marks shall be as follows:-

- 15 marks shall be assigned for assignment/project work in each paper. Any assignment on a given problem, topic, case comment or a legal issue shall be given by the concerned teacher in each paper in the beginning of the semester and the students would be required to investigate the same and write a paper which will be evaluated by the concerned teacher.
- 5 marks shall be assigned to viva-voce on the topic of assignment / Project Work as referred above.
- 20 marks shall be assigned to mid-semester examination in each paper.

b) Clinical Papers:

Clinical papers will be evaluated on the basis of performance in continuous sessional work carrying a total of 50 marks and end-semester examination carrying 50 marks.

c) Project Work:

Project Work will be evaluated according to the following scheme:

- 25 marks for record of field work.
- 50 marks shall be assigned to written report as specified in the paper.
- 25 marks for oral presentation/defence.

Application for Semester Examination.

8. A candidate shall apply to appear at the end semester examination in the prescribed form to the Dean of the School with a certificate from the Head of the Department indicating that:

- (i) The candidate has met the attendance requirements for all the papers.
- (ii) All dues including examination fees have been deposited.

Improvement

9. A student obtaining 40% and above marks in any paper other than a clinical paper or project work may, if she/he so desires, to improve her/his performance in the paper be allowed only once to appear in the end semester examination for that paper.

Paper setting /Evaluation / Moderation

10. Paper setting / evaluation / moderation etc. shall be governed by the existing regulations of the University.

Fee Structure

11. The fee structure would be the same as payable For other PG Departments except for the tuition fees which would be at the rate of Rs.6000/- (Rupees six thousand) only per annum and the Moot Court etc., fees which would be at the rate of Rs.2000/- (Rupees two thousand) only per semester for the relevant semesters. The fees for the Computers would be at the rate of Rs.1500/- per semester.

Removal of difficulties

12. Notwithstanding anything contained in this regulation, any difficulty arising in interpretation of, or giving effect to, any provision of this regulation, shall be referred to the Vice-Chancellor, whose interpretation or decision thereon shall be final.

ORDINANCE ON PROFESIONAL COURSES

(Under Section 26(1) (a), (b), (d), (e), (g) of NEHU Act, 1973)

1. There shall be courses of study leading to the Bachelor's and Master's degrees in various professional courses.
2. Eligibility criteria for admission, selection procedure, duration, course structure, fee structure, examination, award of degrees and other conditions governing each professional course shall be as laid down in 'Regulations' for each of these courses.
3. In case the fees charged to a student includes special fees, such as programme/course/development fee specific to the programme/course, the fund so collected shall be transferred to the department. The fund shall be utilized for running/quality enhancement/improvement of the programme/course for which it is collected.

REGULATION ON BACHELOR OF TECHNOLOGY PROGRAMME

1. Eligibility criteria for admission

- A). A candidate who has passed the higher secondary science examination or its equivalent from any recognized board having secured a minimum of 50% marks in Physics, Chemistry and Mathematics (relaxable by 5% for SC/ST candidates) shall be eligible for admission.
- B). A candidate must have a valid All India Engineering Entrance Examination (AIEEE) score.
- C). Foreign students shall be admitted as per rules of MHRD/UGC/NEHU.

2. Selection procedure

- A). The number of seats available for admission to the programme shall be sixty.
- B). A merit list shall be prepared based on the All India Engineering Entrance Examination score from amongst the eligible candidates.
- C). A 10% weightage on All India Engineering Entrance Examination score will be given (that is, percentage of AIEEE score of the candidate shall be raised by 10% for permanent residents of Meghalaya).
- D). Reservation of seats shall be in accordance with Government of India rules.
- E). For the wards of NEHU employees, 10% of seats shall be reserved.
- F). The seats remaining vacant under any reserved category shall be transferred to open category.

3. Duration & programme structure

- A). The courses shall be of 4 (four) academic years. Each academic year shall consist of 2 (two) semesters. Each semester shall have a minimum of 90 working days inclusive of semester examination.
- B). The programme shall consist of courses as detailed in the syllabus approved by the academic council.

4. Examination

- A). A candidate shall apply for admission to end-semester examination to the Dean of the school through Head of a department who shall certify that all dues, including examination fee, have been paid.
- B). Each subject taken by a student in a semester shall consist of the following:
 - (i) Sessional examination (Theory and/or Practical)
 - (ii) End semester examination (Theory and/or Practical)
- C). For the purpose of determining the marks obtained by a student in any paper (other than Project Work/Report) of the programme, the weightage assigned to sessional work and end semester examination shall be in the ratio of 2:3.

- D). The evaluation of sessional work shall be made on the basis of student's performance in (a) three (3) written tests organised by the department, (b) written assignments/seminars/quizzes/field reports etc. The weightage for written tests shall be 50% and the remaining 50% shall be for written assignments, seminars, quizzes and field reports etc. For evaluation of the sessionals, two best performance shall be considered for each student.
- E). In order to pass a subject, a student shall have to pass the sessional and end-semester examinations separately.
- F). The minimum pass marks shall be as follows:

| Examination | Minimum pass marks | | |
|---------------|--------------------|-----------|----------------------|
| | End semester | Sessional | Practical /Viva voce |
| All semesters | 40% | 40% | 40% |

- G). A student must attend a minimum of 75% classes in each course during a semester to be eligible to appear in the end semester examinations.
- H). The Dean of the school may consider and decide, on request from the candidate through the Head of a department, for condonation of shortage of attendance up to 5%. Condonation of any shortage more than 5% and less than 15% may be recommended by the Head of the Department & Dean of the School to the Vice-Chancellor with full justification. The decision of the Vice-Chancellor shall be final.
- I). A candidate falling short of the required attendance in a paper in a semester shall not be permitted to sit for the end semester examination of that paper.
- J). A candidate failing sessionals in any paper shall not be permitted to appear at the end semester examination of that paper.
- K). Ordinarily a student should complete the entire programme during the period of eight semesters. However, a student may be allowed to participate in the academic programme up to a maximum of 12 consecutive semesters.
- L). A student may repeat examination of a paper along with regular examinations of the concerned semester by paying the prescribed fee.
- M). A student shall be allowed to continue the studies till the end of 4th semester irrespective of the number of failures in earlier semesters. But she/he will not be promoted to 5th semester unless she/he has cleared at least 50% of courses up to 4th semester, failing which her/his name shall be struck off the rolls.
- N). A student satisfying clause 4 – F) to I) above will be allowed to sit for the end semester examination on payment of the prescribed fees separately for each semester examination in which the candidate desires to appear.

5. Evaluation

- A). Evaluation for each paper shall be done on the basis of performance in continuous sessional assessment and end-semester examination.

6. Award of degree/class

- A). Candidate (a) securing 50% marks in aggregate and (b) who has cleared all papers shall qualify for the award of a degree.
- B). Candidates securing a minimum of 65% marks in aggregate shall qualify for a 1st class and those securing 50% marks and above but below 65% marks shall qualify for a 2nd class.

7. Fees structure

- A). A student admitted to B. Tech. course shall pay all fees laid down for general post-graduate (PG) students of science stream.
- B). In addition, the student in B. Tech. programme shall be required to pay the following fees:

| | |
|--|--------------|
| (I). Development fee (Payable once at the time of admission): | |
| (i) Indian students | Rs. 6000/- |
| (ii) Foreign students from SAARC countries | US \$ 1000.- |
| (iii) Foreign students from non-SAARC countries | US \$ 2000.- |
| (II). Course fee (Payable each semester): | |
| (i) Indian students | Rs. 15,000/- |
| (ii) Foreign students from SAARC countries | US \$ 1500.- |
| (iii) Foreign students from non-SAARC countries | US \$ 3000.- |
| (III). Repeat course participation fee (For each course): | |
| (i) Indian students | Rs. 2,000/- |
| (ii) Foreign students from SAARC countries | US \$ 200.- |
| (iii) Foreign students from non-SAARC countries | US \$ 400.- |

8. Removal of difficulties

Notwithstanding anything contained in this regulation, any difficulty arising in interpretation of, or giving effect to, any provision of this regulation, shall be referred to the Vice-Chancellor, whose interpretation or decision thereon shall be final.

**Regulation on " Master of Business Administration Programme"
Under OC-16**

1. Seats for admission

The number of seats available for admission into MBA programme of the Department of Management shall ordinarily be 30, however, the department, subject to approval of the Executive Council on the recommendation by the Academic Council, may create supernumerary seats not exceeding a maximum of 10 for full time sponsored/foreign candidates, if such candidates, are available.

2. Eligibility criteria for admission

- (a) Only those candidates who have passed Bachelor's Degree course in any discipline from any University / Institute recognized by the University Grants Commission /Association of Indian Universities with a minimum of 50% marks in aggregate relaxable upto 5% for SC/ST candidates shall ordinarily be considered for admission to the MBA Programme of the Department.
- (b) Candidates seeking admission against sponsored seats shall have in addition to the qualification stated above under 2 (a), a minimum of 2 years of full time work experience in a relevant area in a Firm/ Company/Industry/Educational and Research Institution/Government/ Quasi Government/Autonomous organization registered with the Appropriate Authority.
- (c) Foreign candidates (including Non-Resident Indians) having equivalent qualification as stated above under 2 (a) may be considered for admission to the programme against supernumerary seats. However, consideration of their application shall be subject to compliance of all relevant statutory provisions and guidelines of the University/Government of India.

3. Selection Procedure

- (a) The department shall constitute an admission committee comprising minimum 5 teachers from the department/allied departments to be headed by the Head as the ex-officio Chairman to undertake the responsibility and oversee all work connected with admission. However, the committee may co-opt any other competent professional manager from the industry as a member subject to a maximum of two such members in conducting group discussion and interview.

- (b) The final decision for making offers of admission shall be on the basis of valid aggregate MAT score of the candidates in the Management Aptitude Test (MAT) conducted by all India Management Association and the scores in group discussion and personal interview as per the weightage given below.
- | | | | |
|-------|-----------------------------------|---|-----|
| (i) | Aggregate percentage of MAT score | : | 80% |
| (ii) | Group discussion | : | 10% |
| (iii) | Personal interview | : | 10% |
- (c) Aggregate percentage score of MAT shall be increased by 10 for the candidates who are permanent residents of Meghalaya.
- (d) Reservation of seats shall be as per the Government of India Rules.
- (e) Ten (10) percent of seats shall be reserved for the wards of NEHU employees(s).
- (f) The seats remaining vacant under any reserved category shall be transferred to open category.
- (g) Candidates seeking admission under reserved categories or against supernumerary seats shall have to submit necessary documents from the appropriate authority as required by NEHU in support of their claim for reservation/supernumerary seats.
- (h) The essential requirements stated under 2(a) and 3(b) above shall be applicable to all category of candidates other than the foreign candidates who have passed their graduation from Universities outside India. Such foreign candidates subject to fulfillment of the essential qualification stated under 2(a) and work experience of at least 2 years in a relevant area shall be considered for admission into the programme only on the basis of academic performance and two reference letters, at least one of them being from the Academic Institution, she/he has got her/his graduation. However, the number of seats for such candidates shall not exceed 40% of the supernumerary seats.
- (i) The number of candidates to be called for group discussion and personal interview against the seats available in any category may ordinarily not exceed a ratio of 3:1

4. Duration and Structure of the Programme.

The programme shall be of two academic years. Each year shall have two semesters. Each semester shall have a minimum of 90 working days inclusive of semester examination. The programme shall consist of courses as detailed in the syllabus approved by the Academic Council.

5. Examination

- (a) For the purpose of determining the marks obtained by a student in any course (other than Project Work/Report) of the programme, the weightage assigned to sessional work and End Semester Examination shall be in the ratio of 2:3.
- (b) The evaluation of continuous sessional work shall be made on the basis of student's performance in (i) Three written tests organized by the department (ii) Written assignments/Seminars/Quizzes/field reports etc. However, the weightage of written tests will be 50% and the weightage of written assignments, seminars, quizzes and field reports etc. will be the remaining 50%. For evaluation of the part (i) of the sessional, best two performance out of three written tests will be considered for each student.
- (c) In order to clear a course, a student shall have to get at least 40% marks in both the sessional and end semester examination. To clear Project work/Report, a student has to get at least 40% marks. A student failing in sessional in any course shall not be permitted to appear in the end semester examination of that course.
- (d) A student must attend a minimum of 75% classes in each course including lectures, sessionals, field/industrial trips and practicals, if any organized by the department during a semester towards a course to be eligible to appear in the end semester examination of the course.
- (e) The Dean may consider and decide on request from the student through the Head of the Department for consideration of shortage of attendance up to 5%. condonation of any shortage more than 5% and not exceeding 15% may be recommended by the Head of the Department and the Dean of the School to the Vice-Chancellor with full justification. The decision of the Vice-Chancellor shall be final.
- (f) A student falling short of required attendance in a course shall not be permitted to appear the end semester examination of that course.

- (g) Ordinarily a student should complete the entire programme during the period of four semesters. However, a student may be allowed to participate in the academic programme up to a maximum of six semester.
- (h) A student may repeat examination of a course along with regular examination of the concerned semester by paying prescribed fee.

6. Award of Degree/Class

A candidate shall have to clear all the courses of the programme and secure a minimum of 50% of aggregate mark to qualify for the degree. A candidate securing 50% or above and below 65% shall be awarded second class. A candidate securing 65% or above shall be awarded first class.

7. Fee Structure for MBA Programme.

In addition to the fees laid down for general Post Graduate students in Arts stream, a student in MBA Programme shall be required to pay the following additional fees.

(a) Development Fee (Once at the time of admission)

- | | | |
|---|---|------------|
| (i) Regular students | : | Rs 6000 |
| (ii) Full time sponsored Indian Students | : | Rs 15,000 |
| (iii) Foreign students from SAARC Countries: | | US \$ 1000 |
| (iv) Foreign students from other than SAARC countries | : | US \$ 2000 |

(b) Course/Programme Fee per Semester

- | | | |
|---|---|------------|
| (i) Regular students | : | Rs 12,000 |
| (ii) Full time sponsored students | : | Rs 30,000 |
| (iii) Foreign students from SAARC Countries: | | US \$ 1500 |
| (iv) Foreign students from other than SAARC countries | : | US \$ 3000 |

© Repeat Course participation fee per course

- | | | |
|---|---|----------------------|
| (i) Regular students | : | Rs 2000 per course |
| (ii) Full time sponsored students | : | Rs 5000 per course |
| (iii) Foreign students from SAARC countries | : | US \$ 200 per course |
| (iv) Foreign students from other than SAARC countries | : | US \$ 400 per course |

8. Removal of difficulties

Notwithstanding anything contained in this regulation, any difficulty arising in interpretation of, or giving effect to, any provision of this regulation shall be referred to the Vice-Chancellor, whose interpretation or decision there on shall be final.

ANNEXURE - V

| Existing | Proposed Amendment |
|--|--|
| <p>Only a degree College permanently affiliated to NEHU may apply. The College must have valid NAAC accreditation with a rating of 4 star (or equivalent) and above. The college must have existing UG teaching programme (Honours) in the subject concerned for which NEHU has granted permanent affiliation.</p> | <p>Only a degree College permanently affiliated to NEHU may apply. The College must have valid NAAC accreditation with a rating of 4 star (or equivalent) and above. The college must have existing UG teaching programme (Honours) in the subject concerned for which NEHU has granted permanent affiliation. These conditions, however may not apply to Minority Educational Institutions under the NCMEI Act, 2004.</p> |

Regulation on "B.Sc. Nursing"

I. Eligibility Criteria for Admission

1. The minimum age for admission shall be 17 years on before 31st December of the year of admission.
2. The minimum educational qualification will be the passing of the following examinations with Physics, Chemistry, Biology and English with a minimum of 50% marks in the aggregate (relaxable by 5% for SC/ST candidates).

Higher Secondary School Certificate Examination (12 years course)

Or

Senior School Certificate Examination (10+2), pre-degree Examination (10+2).

Or

An equivalent examination with 12 years schooling from a recognized Board or University.

3. Candidates shall be medically fit.

II. Duration

The duration of the programme shall be 4(four) years including internship and shall consist of courses as detailed in the Syllabus duly approved by the Academic Council. The maximum period to complete the course shall be 8(eight) years.

III. Attendance

A candidate must have a minimum of 80% attendance in theory and practical in each subject for appearing for examination, and she/he must have 100% attendance in each practical before award of degree.

IV. Examination

1. Examination shall be held at the end of each year.
2. A candidate has to pass in each paper of theory and practical separately.
3. If a candidate fails in either theory or practical paper she/he has to Reappear for both the papers.

4. Pass marks shall be 50% in each of the theory and practical papers other than English for which the pass mark shall be 40%. Candidates securing 50% of marks and above but below 65% in the aggregate will be awarded II Class and those securing 65% and above will be awarded I Class.
5. Maximum number of attempts permitted for each paper is 3 including the first attempt.
6. Candidates failing in not more than one subject may be promoted to the next year, but they should clear the failed subject before they are promoted to the next year.

V. **Removal of Difficulties**

Notwithstanding anything contained in this Regulation, any difficulty arising in interpretation of, or giving effect to, any provision of this Regulation, shall be referred to the Vice-Chancellor, whose interpretation or decision thereon shall be final.

ANNEXURE - VII

SUGGESTED AMENDMENTS OF STATUTES

| Existing | Proposed Amendments |
|--|---|
| <p>Powers and Duties of the Vice Chancellor</p> <p>2(b)(1) The Vice-Chancellor shall be the ex-officio Chairman of the Court, the Executive Council, the Academic Council and the Finance Committee, and shall, in the absence of the Chancellor, preside at the Convocations of the University held for conferring degrees. The Vice-Chancellor shall be entitled to be present at, and to address, any meeting of any authority or other body of the University, but shall not be entitled to vote thereat unless he is a member of such authority or body.</p> | <p>Powers and Duties of the Vice Chancellor</p> <p>2(b)(1) The Vice-Chancellor shall be the ex-officio Chairman of the Executive Council, the Academic Council and the Finance Committee, and shall, in the absence of the Chancellor, preside at the Convocations of the University held for conferring degrees. The Vice-Chancellor shall be entitled to be present at, and to address, any meeting of any authority or other body of the University, but shall not be entitled to vote thereat unless he is a member of such authority or body.</p> |

ANNEXURE – VIII

AMENDMENT OF ORDINANCE OD - 2

| Existing | Proposed Amendment |
|---|---|
| <p>Selection</p> <p>3.(i) The application received by the University from the candidates shall be sent to the Heads of respective departments by 1st Semester each year for screening and recommending the award.</p> <p>(ii) Selection for the award of the Scholarships will be made by a committee appointed by the Vice-Chancellor consisting of not less than three (3) persons including the Head of the Department who shall be the Chairman thereof. The selection by the committee in each case shall be on the basis of merit and shall be subject to the approval of the Vice-Chancellor.</p> <p>Value</p> <p>5. The value of the scholarship will be Rs.75/- per month payable at the University office.</p> | <p>Selection</p> <p>3.(i) The application received by the University from the candidates shall be sent to the Heads of respective departments by 1st Semester each year for screening and recommending the award.</p> <p>(ii) Selection for the award of the Scholarships will be made by a committee appointed by the Vice-Chancellor consisting of not less than three (3) persons including the Dean of Students' Welfare who shall be the Chairman thereof. The selection by the committee in each case shall be on the basis of merit and shall be subject to the approval of the Vice-Chancellor.</p> <p>Value</p> <p>5. The value of the scholarship shall be as determined from time to time payable at the University office.</p> |

ANNEXURE - IX

REMUNERATION FOR THE TEACHING STAFF FOR EXAMINATION WORK

(Recommendations of the AC committee meeting held on 13.03.2006)

| Item | | Proposed rationalized rate for the consideration of the A. C. | |
|------|---|---|---|
| | | Paper setting | Evaluation |
| 1. | Degree (Hons) | Rs. 300.- | Rs. 6.- per script (minimum Rs. 200.-) |
| 2. | Degree (Gen) | Rs. 300.- | Rs. 6.- per script (minimum Rs. 200.-) |
| 3. | For preparation of key to objective Questions | Rs. 200.- | -- |
| 4. | LLB (Half Paper) | Rs.150.- | Rs. 3.- per script (minimum Rs. 100.-) |
| 5. | LLB (Full paper) | Rs. 300.- | Rs. 6.- per script (minimum Rs. 200.-) |
| 6. | B.Ed. | Rs. 300.- | Rs. 6.- per script (minimum Rs. 200.-) |
| 7. | MA/ MSc/ Mcom/ Med and Mphil | Rs. 400.- | Rs. 6.- per script (minimum Rs. 250.-) |
| 8. | MA/ MSc/ Med (Dissertation) | -- | Rs. 50.- per dissertation (minimum Rs. 250.-) |
| 9. | Mphil (Dissertation) | -- | Rs. 400.- |
| 10. | PhD thesis (Indian examiners) | -- | Rs. 800.- |
| 11. | PhD thesis (foreign examiners) | -- | \$ 125.- |
| 12. | PhD (Viva voce) | -- | Rs. 400.- |

| Item | | Proposed rationalized rate for the consideration of the A. C. | |
|------|--|---|--|
| 13 | Miscellaneous: | | |
| | i. Re-evaluation | i. | At the rate of evaluation subject to a minimum of Rs. 100.- |
| | ii. Scrutiny | ii. | First 20% at the rate of evaluation and the rest at 0.50 p per script subject to a minimum of Rs. 100.-. |
| | iii. Chairman (for UG exam.) | iii. | Rs. 150.- |
| | iv. Moderator (both UG and PG) | iv. | Rs. 40.- per set, subject to a minimum of Rs. 200.- & maximum of Rs. 600.- |
| | v. (a) Local conveyance | v. | (a) As per GOI rules |
| | (b) Outstation conveyance | | (b) As per TA rules of NEHU |
| | vi. Practical examiner (external & internal) | vi. | (a) PG exams.: Rs. 400.- per paper (b) UG exams.: Rs. 200.- per paper (c) Degree Hons: Rs. 300 -per paper. |