

## Minutes of the Meeting of 15<sup>th</sup> Academic Council held on 25.08.2012

Following were present:

1.	Prof. Dipankar Pal, Director, NERIST	:	Chairman
2.	Prof. H.S. Yadav, Dean(Administration)	:	Member
3.	Prof. R.M. Pant, Dean (Academic)	:	Member
4.	Prof. M. Muralidhar, Dean (P&D)	:	Member
5.	Prof. P.R. Alapati, Dean (Students' Affairs)	:	Member
6.	Prof. N. N. Patwari, Dean (Faculty of Engg), Gauhati University, Jhalukbari, Assam	:	Member
7.	Prof. H. N. Sarma, Dean, Faculty of Life Science, Rajiv Gandhi University, Doimukh	:	Member
8.	Mr. Suresh Kumar, Principal i/c, Rajiv Gandhi Polytechnic, Itanagar	:	Member
9.	Prof. P.P. Dabral, Head, Agri. Engg.	:	Member
10.	Dr. R.K. Prasad, Head, Civil Engineering	:	Member
11.	Mr. S.J. Borah, Head, CSE	:	Member
12.	Dr. R. Subadar, Head, ECE	:	Member
13.	Dr. Asis Giri, Head, Mechanical Engineering	:	Member
14.	Dr. M. Sengupta, Head, Physics	:	Member
15.	Prof. M.F. Hussain, Head, Chemistry	:	Member
16.	Prof. S.K. Pandey, Head, Mathematics	:	Member
17.	Dr. C.L. Sharma, Head, Forestry	:	Member
18.	Dr. S. Sinha, Head, HSS	:	Member
19.	Dr. S.K. Shrivastava, Head, CATRD	:	Member
20.	Mr. S. Choudhury, Head, CMS	:	Member
21.	Prof. J. Choubey, Deptt. of Mathematics	:	Member
22.	Prof. S. K. Singh, Deptt. of Civil Engineering	:	Member
23.	Prof. Mubarak Husain, Deptt. of Chemistry	:	Member
24.	Prof. R. Prasad, Deptt. of Physics	:	Member
25.	Prof. L. S. Yadav, Deptt. of AE	:	Member
26.	Prof. A. Chatterjee, Deptt. of Physics	:	Member
27.	Prof. (Mrs) P. Rethy, Deptt. of Forestry	:	Member
28.	Prof. L. K. Arora, Deptt. of Mathematics	:	Member
29.	Prof. P. K. Tripathy, Deptt. of Chemistry	:	Member
30.	Prof. Md. A. Hussain, Deptt. of ECE	:	Member
31.	Prof. M. L. Khan, Deptt. of Forestry	:	Member
32.	Prof. K. D. Ram, Deptt. of Chemistry	:	Member
33.	Dr. P. R. Parida, Associate Professor, HSS	:	Member
34.	Smt. M. Kathing, Asstt. Professor, Deptt. of CSE	:	Member

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35. Dr. S. Samanta, Dy. Registrar (Acad) i/c : Invitee  
 36. Dr. R.P. Bhattacharjee, Registrar i/c : Non-Member Secretary

Following members could not attend the meeting:

1. Prof. Sukumar Nandi, Dean (Academic Affairs), IIT, Guwahati. : Member  
 2. Prof. M. Bhuyan, Dean, School of Engineering, Tezpur University, Tezpur : Member  
 3. Prof. S. S. Sarkar, Head, Deptt. of Business Administration, Tezpur University, Tezpur : Member  
 4. Er. Arung Siram, DGM, BSNL, Itanagar : Member  
 5. Prof. P. K. Das, Deptt. of Mathematics : Member  
 6. Dr. R.K. Mehta, Head, Electrical Engineering : Member  
 7. Dr. B. K. Singh, Asstt. Professor, Deptt. of Maths. : Member  
 8. Dr. S. Chatterjee, In-charge, T&P Cell : Invitee

The Chairman welcomed the members. He informed about the sad demise of Dr. S. Chatterjee's father on 25.08.2012, due to which Dr. Chatterjee could not attend the meeting. Dr. Chatterjee was supposed to present a report on the IEEE Conference to be held in NERIST on Dec'2012. He declared the meeting open and requested the Dean (Academic) to present the agenda items.

**AC.15.1 : To consider confirmation of the Minutes of the 14<sup>th</sup> Academic Council Meeting held on 11.03.2012**

[Note: The minutes of the 14<sup>th</sup> Academic Council meeting held on 11.03.2012 were circulated to the Hon'ble members on 16.04.2012.

Only one comment along with a copy of Rules and Regulations for Ph.D. programmes in IIT Bombay has been received from the Head, Dept. of Mech. Engg. on Agenda Item 14.3 (2) regarding the minimum years for submission of Ph.D thesis as 2 years for full time and 3 years for part-time students. The Academic Council did not accept the proposal. The details of the same are placed at Annexure.

The minutes of 14<sup>th</sup> Academic Council meeting along with copies of above comments are placed at Annexure-I & II for confirmation.]

The members deliberated on the comment for reducing the time for submission of Ph.D. thesis and shared their views. It was suggested that the quality of the research

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is not to be compromised and the minimum credits are to be completed. However in exceptional cases the doctoral committee may suitably recommend.

**Resolution:** The minutes of 14<sup>th</sup> meeting of Academic Council were confirmed. However, a Committee was constituted with the following members to modify the Ph.D. Bye-Laws.

- |                                       |          |
|---------------------------------------|----------|
| 1. Prof. R.M. Pant, Dean (Academic) - | Chairman |
| 2. Prof. P.P. Dabral, Dept. of AE -   | Member   |
| 3. Prof. M.L. Khan, Dept. of FO -     | Member   |
| 4. Mr. Sunirmal Roy, Dept. of ME -    | Member   |
| 5. Dr. Asis Giri, Dept. of ME -       | Member   |

**AC.15.2 ::** To consider Action Taken Report (ATR) on the Minutes of the 14<sup>th</sup> AC meeting

[Note: The Action Taken report is placed at Annexure]

The members noted the action taken on the minutes of the 14<sup>th</sup> meeting of Academic Council and suggested on some of the agenda items.

**Resolution:**

**Agenda Item No.13.3:** The Academic Council accepted the report submitted by the Committee to continue with the present system of CGPA conversion in the Institute.

**Agenda Item No.14.6:** The Committee constituted by the 14<sup>th</sup> Academic Council is

The members noted the action taken on the minutes of the 14<sup>th</sup> meeting of Academic Council and suggested on some of the agenda items.

**Resolution:**

**Agenda Item No.13.3:** The Academic Council accepted the report submitted by the Committee to continue with the present system of CGPA conversion in the Institute.

**Agenda Item No.14.6:** The Committee constituted by the 14<sup>th</sup> Academic Council is quashed and a new Committee is constituted vide Agenda Item No. 15.15.

**Agenda Item No. 14.9:** It was informed that the draft MOU was submitted to American University of Sarjah and it was signed by the Provost. Now it is to be

**Resolution : AC approved MOU for implementation.**

**AC. 15.3 ::**

**a) To consider the Proposal for Centralized Entrance Examination for PG & Ph.D. Programmes**

[Note: The Head, Department of Chemistry, has submitted a proposal for Centralized Entrance Examinations for PG programmes. According to the academic calendar, the Departments are admitting students for Post-Graduate programmes through entrance examination independently on different dates and time, during Summer Vacation every year. Most of the departments are facing difficulties in conducting entrance examination independently due to non-availability of sufficient number of faculty members during the vacation. It is proposed that the entrance examination for the PG programme may be conducted centrally, either by NERIST Entrance Examination(NEE) cell or by any suitable body during the month of April or May every year at NERIST for the smooth and proper conduction of PG entrance examinations. The proposal is placed at Annexure.

**b) To consider the Remunerations/Honourarium for setting and evaluation of PG & Ph.D. Entrance Examination Question Papers and other related works**

[Note: The Head, Department of Chemistry, has submitted a proposal to fix the honorarium for the PG and Ph.D. entrance examinations. All the Departments are conducting the Post-Graduate and Ph.D. Entrance Examinations for the admission of students in respective programmes.

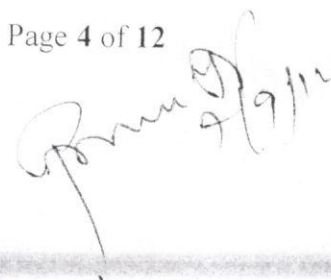
At present, no honorarium is fixed to carry out different activities related to the Entrance Examination for PG and Ph.D. programmes. The proposal for honorarium, as suggested, is given at Annexure.

The Academic Council may deliberate and decide appropriately.]

**After a detailed deliberation on the matter, the following was resolved by the Academic Council.**

**Resolution:**

**(a) The Academic Council accepted the proposal for Centralized Entrance Examination for PG & Ph.D. in principle. It was decided that it shall be held in the first fortnight of April for all departments except dept. of Forestry.**



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However a Committee was constituted with the following members to develop modalities and submit it for next Academic Council meeting.

1. Prof. Rajendra Prasad, Dept. of Physics - Chairman
2. Prof. L.S. Yadav, Dept. of Agri. Engg. - Member
3. Prof. P.K. Tripathy, Dept. of Chemistry - Member

(b) The proposal of Prof. P.K. Tripathy to consider honorarium for PG/Ph.D examination work, the committee constituted vide agenda item No. 15.3(a), shall examine the issue in consultation with Chairman NEE & submit a proposal for inclusion in the agenda of the Finance Committee.

**AC.15.4 :: To consider the proposal for automation of Examination Cell**

[Note: The Controller of Examinations has requested for automation of Examination Cell. Presently, the students' data base is being maintained manually by the Examination Cell and is facing difficulties. Hence it is proposed for the automation of Examination Cell which will not only enhance the efficiency of the Cell but will also save manpower and time. The details of the same are given at Annexure.]

The Academic Council may deliberate and decide appropriately.]

The following was resolved.

**Resolution:** Proposal was approved by the Academic Council in principle. The Controller of Examination was requested to submit a Detailed Project Report in consultation with the previous Controllers of Examination. The proposal should be for a comprehensive package covering Examination Cell, Academic Section, Hostel Management, Library, etc. with fool proof system including terms & conditions for Annual Maintenance Contract with the agency.

**AC.15.5:: To consider the proposal for inclusion of Controller of Examination as a regular member of Academic Council**

[Note: The Controller of Examinations (CoE) has proposed for inclusion of Controller of Examination as a regular member of Academic Council. As on date, CoE is an invitee to the Academic Council. Since, CoE is responsible for major academic activities that include registration, results, grade cards, provisional certificates etc. and plays an

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7/9/12

important role in maintaining the academic standards of the Institute, it is proposed to include Controller of Examinations as one of the members of the Academic Council.

The Academic Council may deliberate and decide appropriately.]

It was informed that Academic Council is constituted as per the guideline provided in the Memorandum of Association (MoA) of the Institute. Academic Council as such, does not have the power to include any member and resolved the following.

**Resolution:** The proposal may be submitted at the time of revision of MoA.

**AC.15.6:: To consider the proposal to conduct M.Tech. (PT) classes during non-office hours**

[Note: It is observed that M.Tech (PT) classes are presently conducted with regular M.Tech students or on normal office hours/working days. This contradicts the very concept of 'part-time', as 'part-time' courses are meant for working people, who can pursue higher education 'side by side' by attending classes without interfacing with their office work.

It is proposed that classes for PT course be conducted on SATURDAYS/SUNDAYS or morning/evening sessions to facilitate employed persons to attend classes while performing their official duties, in their respective organizations.

The Academic Council may deliberate and decide appropriately.]

The members discussed the issue in detail. The following was resolved.

**Resolution:** Academic Council suggested that the present practice of M.Tech. (PT) may be stopped. However, if the in-service candidates are granted leave from their parent organizations, then only the candidates will be allowed to join in the M.Tech. programme.

**AC.15.7:: To consider the proposal for awarding Gold Medal for all PG Programmes restricted to full time students only**

[Note: It is observed that presently 'Gold Medal' for PG programmes is given to the topper of the programme, irrespecting of the candidate's Full time (FT) or Part Time (PT) status. Full time students have to go thorough more number of courses per semester as

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compared to PT students, and for this reason, PT students have an edge over them and are likely to secure better grades.

It is proposed that 'Gold Medal' be given only to FT students, which is a standard practice, followed in other University also.]

**The members deliberated on the matter in detail and resolved the following.**

**Resolution:** The proposal for awarding Gold Medal to only Full Time students was approved by the Academic Council. Part Time candidates shall not be considered for Gold Medal any more.

**AC.15.8:: To consider the proposal for extension of Examination Hours (Mid-Semester – 3 hours and End Semester- 4 hours) for ME 4201 & ME 4401**

[Note: The Head, Department of Mechanical Engineering has proposed for extension of Examination hours for the subjects of Machine Design (ME 5201) Design of machine elements (ME 4202), Mechanical component Design & Drawing (ME 4401) and theory of Machines (ME 4101) need extensive usage of drawing instruments. So, duration of examination may be extended by one hour for each examination.

The Academic Council may deliberate and decide appropriately.]

**After a brief deliberation, the following was resolved.**

**Resolution:** A detailed proposal may be submitted by the HoD (ME) in the next Academic Council.

**AC.15.9:: To consider CGPA of Diploma and Degree Modules of NERIST and other similar Institutions for calculating percentage required for M.Tech. admission**

[Note: For admission into M.Tech. programmes of this Institute, the CGPA of B.Tech. degrees of NERIST (2 years) is only counted, to calculate the percentage of marks, as NERIST follows modular pattern of education of two years duration for each module starting from Certificate Course to Degree Course after Class-X. Whereas, for pass out students of other Institutions (4 years degree course) the CGPA is counted for all the four years. Shri Tasso Nobing, a B.Tech. pass out student of NERIST, has raised this issue and suggested that the CGPA of Diploma Module of NERIST may also be counted for NERIST students to calculate the percentage of marks for admission to higher education as well as for other purpose. The letter of Shri Tasso Nobing is placed at Annexure.

The Academic Council may deliberate and decide appropriately.]

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After a brief discussion on the agenda, the following was resolved.

**Resolution:** The Academic Council suggested that the cumulative CGPA of Diploma and Degree module may be considered for admission to M.Tech. programme of the Institute.

**AC.15.10:: To consider minutes of the 23<sup>rd</sup> BPGS meeting held on 17.08.12**

[Note: The 23<sup>rd</sup> meeting of Board of Post Graduate Studies (BPGS) held on 17.08.2012. and the minutes of the meeting placed at Annexure for consideration.]

**Resolution:** The minutes of the 23<sup>rd</sup> BPGS meeting held on 17.08.2012 were approved.

**AC.15.11:: To consider possibilities of recruiting post-doctoral Researchers from Russia and other neighbouring countries**

[Note: As per letter received from Department of Higher Education, Ministry of Human Resource Development regarding possibilities of recruiting Post-doctoral Researchers from Russia and other neighboring countries. A copy of the letter is placed at Annexure.

The Academic Council may deliberate and decide appropriately.]

**Resolution:** Approved in principle.

**AC.15.12:: To consider MOU for M.Tech Project**

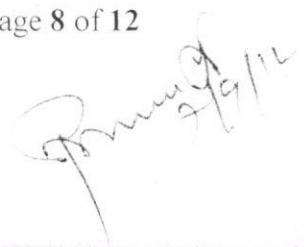
[Note: The Department of Electrical Engineering requested that the MoU with IIT, Guwahati may be extended for M.Tech. project supervision.

The Academic Council may deliberate and decide appropriately.]

**Resolution:** A detailed proposal may be submitted.

**AC.15.13:: To consider issue of pass certificate to Mr. Syemkam Mamai, M.Sc.(Physics), Roll No.MS/09/PH/009**

[Note: Mr. Syemkam Mamai, M.SC (Physics), Roll No.MS/09/PH/009, was a student and did M.Sc. in Physics in 2009-2012. His CGPA is 2.97 i.e. 55.52%. He has passed in all papers and also completed the maximum duration for the course. But he did not get





the minimum CGPA i.e. 3.00 to get pass certificate from NERIST. He pointed out that there was no misconduct or indiscipline recorded during the duration of the course. He requested to issue his pass certificate. His letter is placed at Annexure. There may be few more cases of similar nature.

The Academic Council may deliberate and decide appropriately.]

The members deliberated on the matter and unanimously resolved the following.

**Resolution:** The request to issue pass certificate is regretted since the student could not fulfill the requirement as per Academic Bye-laws of the Institute.

**AC.15.14:: To consider Recognition of NERIST Degree Programme by Potential Employers**

[Note: Mr. Omkar Majumder, DE/11/EE/11 and Mr. Sumit Saurabh, DE/11/CS/06. were selected through Air Force Common Admission Test held on February 26, 2012. But at the time of certificate verifications on July 9, 2012 the Air Force Authority observed some deficiencies in their certificates, viz., the duration of the Degree Course (2 years) and rejected their candidature. The application is placed at Annexure.

The Academic Council may deliberate and decide appropriately.]

The agenda was discussed in detail. It was suggested that the certificate should be modified in such a way so that the students may not face any difficulty in appearing interviews for service and admission in other institutions for higher education. The following was resolved.

**Resolution:** The Academic Council constituted a Committee comprising of the following members to look in to the matter & propose suitable solutions.

1. Prof. Md. Anwar Hussain, Dept. of ECE - Chairman
2. Dy. Registrar (Academic) - Member

**AC.15.15:: To consider Common Entrance Examination as proposed by Hon'ble Union Minister of Human Resource Development**

[Note: In a recent meeting held at Vigyan Bhawan, New Delhi, the MHRD had invited Director, NERIST, for a discussion on the proposal of Common Entrance Examination of Engineering Institutions in view of the special modular structure of NERIST.

The suggestions of Academic Council on this are invited so that a Detailed Project Report can be prepared.]

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The Chairman briefed the house about his recent meeting with the Hon'ble Union Minister of Human Resource Development. It was also informed that as per ministry's plan, students will be admitted in all the Engineering Institutions through a common entrance examination throughout the country on the basis of the marks obtained in 12<sup>th</sup> Class and Common Entrance Examination in 40:60 ratios. It was pointed out in the above meeting that the NERIST is running a unique modular pattern admitting students starting from Base Module after 10<sup>th</sup> Class to Diploma after 12<sup>th</sup> Class and Degree after Diploma. Therefore, it needs to prepare a proposal to include the Common Entrance Examination considering the modular pattern of the Institute. After deliberation on the issue, following was resolved.

**Resolution:** A Committee was constituted with the following members to develop a proposal to adapt the standard common admission test proposed by the ministry, for a discussion with the Hon'ble Union Minister of HRD.

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|---|---|----------|
| 1. Prof. J. Choubey, Dept. of Mathematics   | - | Chairman |
| 2. Prof. S.K. Singh, Dept. of Civil Engg.   | - | Member   |
| 3. Prof. Mubarak Husain, Dept. of Chemistry | - | Member   |
| 4. Prof. L.S. Yadav, Dept. of Agri. Engg.   | - | Member   |

**AC.15.16:: To consider ratification of format of Institute Certificates**

[**Note:** It is proposed to incorporate the words "UNDER MHRD, GOVT. OF INDIA" just below 'Deemed University' in the format of Institute Certificates.

The Academic Council may decide on this.]

**Resolution:** The Committee constituted at Agenda Item No. 15.14 will look into this matter also.

**AC.15.17:: To consider the revision of syllabus of Computer Science & Engineering**

[**Note:** The Head of Computer Science & Engineering submitted minutes of the meeting of the Board of Studies (BoS) held on 17.08.2012 for revision of syllabus for the following subjects, as suggested by IBM. The minutes of BoS is placed at Annexure.

- (a) Subject : CS 4401 Programming in Java

The Rational Application Developer Tool provided by IBM may be introduced as a practical component provided training is given and complete software is procured.

- (b) Subject : CS 5200 Database Management System

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IBM's DB2 may be used as a tool for conducting the laboratory exercises provided training is given and the software is made available.

The Academic Council may decide on this.]

It was informed that the IBM has suggested to include the subject in the syllabus of Computer Science and Engineering. To run the subject the software and training are required. After a brief discussion the following was resolved.

Resolution: The Agenda was referred back to the Département to submit a proposal after discussion with the IBM. At present there were some conditions included in the proposal which could not be accepted.

AC.15.18:: Reporting item(s)

(a) MOU with American University of Sarjah

[Note: The MOU with American University of Sarjah, signed by the Provost, is received and it is now to be inked by the Director, NERIST, to start the collaboration.]

Resolution: Approved.

(b) Re-scheduling of Mid-Semester Examination

[Note: Mid-Semester Examinations scheduled on 12.03.2012 (both sessions) were rescheduled on 20.03.2012 and the examination for MB-7208 was re-scheduled on 21.03.2012.

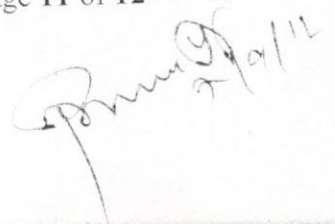
For ratification by the Academic Council]

Resolution: Ratified.

(c) To report of suspension of classes on 08.08.2012

[Note: On request of the Students Union of NERIST, the classes were suspended on 08.08.2012 due to participation of the students in the North East Cultural Festival.]

Resolution: Noted.

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**AC.15.19:: Any other item(s) with permission of the Chairman**

- (a) The Chairman informed that the advertisement for recruitment of faculty, officers and others for the Institute issued. As per MoA, the list of experts for selection committee for the faculty recruitment is to be suggested by the Academic Council and the Chairman, Board of Management may select the experts. The Academic Council has suggested a list of experts in its 12<sup>th</sup> meeting held on 2<sup>nd</sup> July, 2011, and some more names have now been included in the list. As some of the members are candidates, the list of expert members could not be disclosed.

**Resolution: The Academic Council authorized the Director, NERIST to finalise and to submit the list to the Chairman, BoM for further action.**

- (b) It was requested to offer scholarship to Non-GATE/NET Scholarships to the Ph.D. students of the Institute. It was informed that proposals have been sent to the Ministry but the reply is yet to be received. It was resolved that reminder may be sent to the Ministry.

The meeting ended with thanks to the Chair.



( Dr. R.P. Bhattacharjee )  
Registrar i/c. & Non-Member Secretary,  
Academic Council, NERIST