



Minutes of the Fourth Meeting of the Senate held on  
19<sup>th</sup> December 2014

The Fourth Meeting of the Senate of NIT Manipur was held on the 19<sup>th</sup> December, 2014 from 11 A.M. at the Conference Hall of NIT Manipur, Takyelpat, Imphal – 795001 and the following members were present:

1. Prof. S. Birendra Singh, Director, NIT Manipur	Chairman
2. Prof. Sukumar Nandi, Deputy Director, IIT, Guwahati	Nominated Member
3. Prof. E. Bijoykumar Singh, Professor, Manipur University	Nominated Member
4. Prof. S.C. Saha, Professor, NIT Agartala	Member
5. Dr. Kh. Manglem Singh, Dean (Academic), NIT Manipur	Member
6. Dr. P. Albino Kumar, HoD (Civ), NIT Manipur	Member
7. Mr. L. Suraj Kumar Singh, HoD (ECE)	Member
8. Mr. H. Niranjana Singh, HoD (Mech)	Member
9. Mrs Shuma Adhikari, HoD (EEE)	Member
10. Dr. Sangeeta Laishram, HoD (BSH),	Member
11. Mr Benjamin Shimray, Controller of Examinations	Spl. Invitee
12. R.K. Lalit Singh, Registrar, NIT Manipur	Secretary

Following members of the Committee were absent due to their personal reasons.

1. Prof. I.S. Khaidem
2. Prof. Sumitra Phanjoubam
3. Prof. V. Ramachandran
4. Prof. V. Deshpande
5. Prof D.K. Saikia
6. Dr. N.C. Talukdar

At the outset, the Chairman welcomed the members to the Fourth meeting of the Senate.

The Director then initiated the discussion on the agenda items.

  
इ.पामा/15

  
29-1-15

**Item No. 1**

**Confirmation of the minutes of the Third Senate held on 27/06/2014 at NIT Manipur and action taken so far.**

**Resolution 4/1(a):** The Senate confirmed the minutes of the third Senate.

**Resolution 4/1(b):** The Senate noted the action taken report.

**Item No. 2**

**Award of BTech Degree**

**To recommend the award of BTech degree to those students who cleared backlog papers for BTech in summer course in 2014 (Annexure I, page 2).**

**Resolution 4/2:**

The Senate recommended the award of BTech degree to those students who completed all requirements for BTech degree in summer course.

**Item No. 3**

**BTech Programme**

- I. To approve the syllabi of BTech courses of CSE, ECE, EEE, CE and ME for Semesters IV – VIII for BTech (Annexure II, page 3).**
- II. To rename BTech (Electrical & Electronics Engineering - EEE) as BTech (Electrical Engineering - EE) from 2015 batch.**
- III. To recommend the syllabus of Numerical Methods and Optimization of BTech (Annexure III, page 120).**

Following points are discussed in details.


- (a) Elective courses for all branches of B Tech to be prepared and placed in next senate considering overlapping among discipline.
- (b) B Tech project across disciplines be uniform i.e. VII and VIII B Tech project be included.
- (c) In B Tech CSE, it was observed that "Machine Learning" and "Information Retrieval" subjects to be included for students future prospect in higher study and job requirement. Accordingly, "Machine Learning" in Semester V, and "Information Retrieval" in Semester VI proposed to be added. In addition, one Open Elective each in semester VII and Semester VIII were proposed. Accordingly, semester VII and Semester VIII be restructured.
- (a) In B Tech ECE, to reduce course load following are proposed. Shifting of the course "Electromagnetic Theory" from Semester IV to Semester V. Similarly, shifting of the course "Antenna Design" from Semester V to Semester VI. To merge "VLSI Design Lab" and "VHDL Lab" in BTech (ECE) in Semester VI as "VLSI and VHDL Lab". To merge "VLSI Design" and "VHDL" as a single subject in semester VI.
- (b) Subjects on "SCADA", "Power trading and project management" and "Analog & Digital Communication including power line communications" have to be included in BTech (EEE).
- (c) As far as possible explicit name is to be given in place of Manufacturing Process I, II, III in BTech (ME).

**Resolution 4/3(I):** The Senate after thorough discussion approved the syllabi of B Tech programme of CE, CSE, ECE, EEE and ME for semesters IV, V, VI, VII and VIII excluding the elective course as proposed above (Annexure II).

**Resolution 4/3(II):** The Senate approved to rename BTech (Electrical & Electronics Engineering) as BTech (Electrical Engineering).

**Resolution 4/3(III):** The Senate approved the syllabi of Numerical Methods and Optimization with proper Course Codes.

  
29/07/15

  
29.1.15

**Item No. 4  
MTech**

- I. To give administrative approval to start MTech in CE (Environmental & Water Resource Engineering) with intake of 15 students.
- II. To approve the syllabi of MTech in CE for Semesters I – IV (Annexure IV, page 121)
- III. To recommend scholarship/assistantship to MTech students having valid & qualified GATE score to MTech (CSE, ECE, EEE) students of 2014 batch.
- IV. To recommend revised scholarship/assistantship to MTech students having valid & qualified GATE score to MTech (CSE, ECE, EEE) students of 2014 batch
- V. To recommend in renaming MTech (Electrical & Electronics Engineering - EEE) as MTech (Electrical Engineering - EE) from 2015 batch.
- VI. To recommend the revised scholarship to GATE qualified MTech students.
- VII. To recommend internal staff to enrol in part time MTech programme.

**Resolution 4/4(I):** The Senate approved in principle starting of MTech (Environmental & Water Resource Engineering) with intake of 15 students. However, qualifications criteria have to be framed and distribution of intake across category is to be placed in next senate.

**Resolution 4/4(II):** The Senate deferred discussion on the syllabi MTech (E&WRE) in-line of the Resolution 4/4(I).

**Resolution 4/4(III):** The Senate recommended Scholarship/Assistantship to MTech students with valid & qualified GATE score as per MHRD norm.

**Resolution 4/4(IV):** The Senate deferred it until NIT Manipur gets MHRD directive.

**Resolution 4/4(V):** The Senate approved to rename Department of Electrical & Electronics Engineering as Department of Electrical Engineering.

**Resolution 4/4(VI):** The Senate deferred it until NIT Manipur gets MHRD directive.

**Resolution 4/4(VII):** The Senate agreed without affecting the normal intake capacity.

**Item No. 5  
MSc Programme**

- I. To recommend separate departments of Physics, Chemistry and Mathematics with one HoD each.

**Resolution 4/5(I):** The Senate discussed and recommended to have separate coordinators for Chemistry, Mathematics and Physics under the Basic Sciences (BS) Department with one Head of Department.

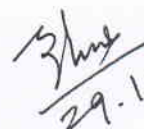
**Item No. 6  
Social Sciences and Humanities (SSH)**

- I. To recommend in grouping English, Economics, Management subjects etc in SSH Department.
- II. To establish a Centre of Education Technology (CET) for virtual classroom, e-learning etc under an officer at the scale of Assistant Professor with qualification of PhD in Electronics Media, Multimedia Technology or equivalent, assisted by a Technical Assistant with qualification of BTech (CSE/IT), MSc (CS/IT) or MCA, Camera man, sound engineer etc.

**Resolution 4/6(I):** The Senate agreed to have a coordinator for Social Science & Humanities under the Basic Sciences (BS) Department.

**Resolution 4/6(II):** The Senate deferred it for a fresh proposal in next senate.

  
29/01/15

  
29.1.15

**Item No. 7**

**PhD Programme**

- I. To give administrative approval to start PhD in CE and ME.
- II. To approve the PhD syllabi of CE and ME (Annexure V, page 127).
- III. To recommend new scholarship/assistantship to PhD students of 2013 batch (Scholarships are Rs 16,000 and Rs 18,000 per month respectively in the first 2 years and Rs 18,000 and Rs 20,000 per month after 2 years for MSc and MTech for GATE/NET qualified students)
- IV. To recommend revised scholarship/assistantship to GATE/NET qualified PhD students.
- V. To recommend revised scholarship/assistantship to Non-GATE/Non-NET qualified PhD students.
- VI. To approve the PhD synopsis and thesis preparation guidelines (Annexure VI, page 137)
- VII. To recommend HRA to non-hosteller research scholars with GATE/NET score.

**Resolution 4/7(I):** The Senate approved to start PhD in Civil and Mechanical Engineering.

**Resolution 4/7(II):** The Senate approved the syllabi of PhD (CE & ME).

**Resolution 4/7(III):** Those who are drawing regular scholarship with GATE/NET, after successful completion of two years research programme are eligible for next level of scholarship

**Resolution 4/7(IV):** The Senate deferred it until NIT Manipur gets MHRD directive..

**Resolution 4/7(V):** Those who are drawing regular scholarship without GATE/NET, after successful completion of two years research programme are recommended for next level of scholarship as per CSIR (without GATE/NET) subject to approval of BoG.

**Resolution 4/7(VI):** The Senate advised to include Ethical Guidelines in PhD thesis and synopsis preparation guidelines.

**Resolution 4/7(VII):** Not considered.

**Item No. 8**

**MISC**

- I. To recommend miscellaneous fees (Annexure VII, page 185)
- II. To recommend the disposal of Examination answer sheets after six months.
- I. To recommend registration fee and minimum fare to contract faculty and staff for presenting papers in conferences.


**Resolution 4/8(I):** The Senate suggested to put up it in Finance Committee meeting.

**Resolution 4/8(II):** The Senate agreed the disposal of examination papers, however advised to include it in the Ordinances.

**Resolution 4/8(III):** This is not under preview of the Senate.

The meeting ended with a vote of thanks to the Chair.



  
( Dr. S. Birendra Singh )  
Director, NIT Manipur  
Ex-Officio Chairman, Senate  
National Institute of Technology Manipur