

THE XLIst MEETING
OF
SENATE

NATIONAL INSTITUTE OF TECHNOLOGY
MEGHALAYA

MINUTES

Day: Tuesday

Date: 09.07.2024

Time: 02:00 PM onwards

Venue: Conference Room, NIT Meghalaya

Mode: Offline Mode.

NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA**Minutes of the XLIst Meeting of the Senate held on 09.07.2024.**

The XLIst Meeting of the Senate of NIT Meghalaya was held on 09th July 2024, at the Conference Room of the Institute through offline mode from 02:00 PM onwards. The following members attended the meeting:

1. Prof. P. Mahanta, Director, NIT Meghalaya	- Chairman
2. Prof. M. G. Banerjee, English Literature, EFLU	- Member
3. Prof. S. Basu, Dept of Physics, IIT Guwahati	- Member
4. Prof. A. Bhattacharjee, Dean (FW), NIT Meghalaya	- Member
5. Prof. G. Panda, EE Dept., NIT Meghalaya	- Member
6. Prof. H.C. Das, ME Dept., NIT Meghalaya	- Member
7. Prof. D. K. Sarma, Dean (P&D), NIT Meghalaya	- Member
8. Prof. Anup Dandpat, Dean (AA), NIT Meghalaya	- Member
9. Prof. P.S.Mangang, Dean(SW)& HoD(HS), NIT Meghalaya	- Member
10. Dr. P. K. Gautam, HoD, CE, NIT Meghalaya	- Spl. Invitee
11. Dr. Shaik Affijulla, HoD, EE, NIT Meghalaya	- Spl. Invitee
12. Dr. P. K. Rathore, HoD, EC, NIT Meghalaya	- Spl. Invitee
13. Dr. Koushik. Das, HoD, ME, NIT Meghalaya	- Spl. Invitee
14. Dr. Deepak Kumar, HoD, CS, NIT Meghalaya	- Spl. Invitee
15. Dr. A. K. Jena, HoD, MA, NIT Meghalaya	- Spl. Invitee
16. Dr. T. Bora, HoD, PH, NIT Meghalaya	- Spl. Invitee
17. Dr. Gitish Dutta, HoD, CB, NIT Meghalaya	- Spl. Invitee
18. Dr. R. Kharbihkhiew, Asst. Librarian, NIT Meghalaya	- Spl. Invitee
19. Dr. Bhaskarjyoti Chakravarty, Registrar, NIT Meghalaya	- Secretary

At the outset, the Chairman, Senate welcomed the members and the special invitees to the forty first meeting of the Senate. Thereafter, the agenda items of the day were taken up.

Item No. 1: Confirmation of Minutes of the XXXVIIIth, XXXIXth & XLth Senate Meetings held on 17.05.2024, 07.06.2024 & 28.06.2024 respectively.

The Thirty-Eighth meeting of the Senate of the Institute was held on 17.05.2024 in the Conference Room of the Institute through hybrid mode (online and offline) and the Thirty-Ninth and Fortieth meeting of Senate of the Institute were held on 07.06.2024 and 28.06.2024 respectively through item by circulation mode. The minutes of all the meetings were circulated amongst the Senate members for their comments/observations.

R1/SENATE-XLI/24: *The Senate **Resolved to Confirm** the minutes of the of the XXXVIIIth, XXXIXth & XLth Senate Meetings.*

Item No. 2: Action Taken Report on the decisions of the XXXVIIIth, XXXIXth & XLth Meetings of the Senate

The actions taken on the decisions of the XXXVIIIth, XXXIXth & XLth Meetings of the Senate were presented during the meeting and the Senate members noted the actions taken by the Institute.

R2/SENATE-XLI/24: *The Senate **acknowledged** and **approved** the actions taken on the resolutions of the XXXVIIIth, XXXIXth & XLth Meetings Senate Meeting.*

Items for Approval

Item No. 3: Revised curriculum and syllabi for Undergraduate (UG) programme in line with the NEP 2020.

The Senate was informed about the work progress of the Institute regarding the implementation of the NEP 2020 guidelines wherein the following points were presented:-

1. Constitution of the departmental level Board of Studies (BoS).
2. Introduction of the Minor Degree in Sports Engineering.
3. Introduction of Micro Credit Courses (NCC/NSS/YOGA/Mental Health wellbeing etc.)
4. Implementation of 4th year UG courses under NEP guidelines.
5. Multiple Exits in B.Tech. programme.
6. Implementation of Long-term Internship
7. Online courses (NPTEL/SWAYAM etc.) registration and mapping.
8. Progressive Curriculum and Next-Gen courses

In addition to the above the Senate was informed about the implementation plan. Thereafter, the Engineering and Science departments of the Institute presented the updated curriculum and syllabus for the Undergraduate (UG) programme, aligning with the NEP 2020 guidelines. These revised courses had been duly approved by the Departmental Board of Studies (BoS) and subsequently recommended by the Academic Programme Committee (APC).

The Senate discussed the UG programme curriculum and course syllabus placed as **Annexure 1** in detail with the Deans and HoDs and resolved to approve the courses and curriculum after minor modification in Chemistry and Math Courses.

R3/SENATE-XLI/24: *The Senate Resolved to Approve the revised curriculum and course syllabus for UG programme as presented by all Engineering and Science Departments.*

Item No. 4: Proposed UG Ordinance Amendment in line with NEP 2020.

In line with the implementation of the guidelines of the NEP 2020. The prima facie amendments were proposed in the existing UG Ordinance of the Institute.

The list of existing and the proposed amendments in the UG ordinance were placed as **Annexure 2** for discussion.

The Senate had gone through all provisions and suggested some minor changes which have been duly incorporated in Annexure 2.

R4/SENATE-XLI/24: *The Senate Resolved to Approve the proposed UG Ordinance Amendments in line with NEP 2020.*

Item No. 5: Course Codes related to the NEP curriculum.

In continuation to the resolution No. R(3.5)/SENATE-XXXVIII/24, the Senate suggested revisiting the course codes and recommended incorporating code provisions for Minor degree courses and Micro Credit courses. In line with the same, the format for finalization of the new course codes as per the NEP curriculum was discussed in detail and accordingly

a fresh proposal on course codes had been drafted and placed before Senate as **Annexure 3**.

The Senate discussed the matter and considered the course codes scheme as proposed.

R5/SENATE-XLI/24: *The Senate is **Resolved to Approve** the course codes related to the NEP curriculum*

Item No. 6: Permission for Ms. Menuvolu Tetseo P21EC008 to stay at IIT Bombay for another 6 months.

The Senate in its 34th Meeting had allowed Ms. Menuvolu Tetseo bearing roll no. P21EC008 for carrying out experimental research work at IIT Bombay for 6 months under INUP program. Subsequently the NoC and user agreement form was signed by the Institute in this regard. Later, on 28.05.2024 Dr. Pradeep Kumar Rathore, Asst. Prof. EC Dept & PhD Supervisor of the above-mentioned scholar has informed that the research work is being carried out at IIT Bombay and requires complete fabrication and testing of CMOS-MEMS integrated cantilevers for low mass sensing applications. This involves the optimization of each single step involved using the fabrication facilities at IIT Bombay. The scholar is performing the experiments as per the availability of materials and facilities at IIT Bombay's fabrication Lab, but unable to get the required results.

In continuation to this, Dr. Rathore has requested to extend the stay of the Scholar till December 2024 for successful completion of the project work. The note sheet submitted by the Dr. P. Rathore along with the other relevant documents were placed as **Annexure 4** for kind reference please.

Following extensive deliberation, the Senate permitted the final extension upto December 2024.

R6/SENATE-XLI/24: *The Senate is **Resolved to Approve** the stay of Ms. Menuvolu Tetseo P21EC008 at IIT Bombay for another 6 months.*

Item No. 7: Request of Mr. Souradeep Bhowmick, TA, ME to issue NoC for PhD Part Time Admission.

The Senate was informed about the application dated 08.05.2024 received from Mr. Souradeep Bhowmick, TA, ME wherein he has requested for permission to pursue PhD Programme (Part Time) in the ME Department offered by the Institute. The application of Mr. Souradeep Bhowmick was recommended for consideration by the HoD, ME and also by Dean(AA).

The advertisement No. NITMGH/AA/Phd-Admission/2023-24/716 dated 27.03.2024 for sponsored (Part Time) and the eligibility criteria for admission into PhD programme was discussed in detailed.

Later, it was noted that the total Regular Work Experience of Mr. Souradeep Bhowmick is 2 years & 5 months as on 31.05.2024.

Application dated 08.05.2024, Institute PhD Advertisement along with all related documents in this regard were placed as **Annexure 5** for kind reference please.

After a detailed deliberation, the Senate has noted: -

1. The Project Experience of Mr. Souradeep Bhowmick is in line of his proposed research work.
2. Mr. Bhowmick has qualified Gate 2 times.

Further it was decided to grant a one-time relaxation to Mr. Souradeep Bhowmick, TA, ME with recommendation to issue him a No Objection Certificate (NOC).

R7/SENATE-XLI/24: *The Senate is **Resolved to grant** one-time relaxation to Mr. Souradeep Bhowmick, TA, ME and recommended to issue NOC.*

Item No. 8: No Objection Certificate (NoC), issuance requested by NIT Meghalaya employees for M.Tech. Part-Time programme admission, Autumn 2024.

The Senate was apprised of the following employees of the NIT Meghalaya, who has requested to issue the NoC (No Objection Certificate) to enrol in the M.Tech. Part Time programme offered by the NIT Meghalaya vide advertisement dated 11 June 2024. Copy of advertisement along with the applications received from the employees was placed as **Annexure 6**.

Sl. No.	Employee Name	Designation
1.	Mr. Bidyut Bikash Atreya	Technician (ME Dept.)
2.	Mr. Nangskhem Khongwir	Technician (EE Dept.)
3.	Ms. Dunakiwan I Lapasam	Lab Attendant, CE Dept.
4.	Ms. Rita Mary Lyngdoh Marshilong	Technician (CE Dept)

The employees-wise details as per the eligibility criteria was placed before the Senate for kind information.

The Senate after extensive deliberation endorsed all four employees as named below for the issuance of the NOCs.

Sl. No.	Employee Name
1.	Mr. Bidyut Bikash Atreya
2.	Mr. Nangskhem Khongwir
3.	Ms. Dunakiwan I Lapasam
4.	Ms. Rita Mary Lyngdoh Marshilong

The Senate also mentioned that the corresponding Heads of the departments/sections should ensure their regular institutional duties are not affected owing to the academic pursuits.

R8/SENATE-XLI/24: *The Senate is **Resolved to Approve** the issuance of the NOCs to all Four Employees of the NIT Meghalaya as listed above.*

Item No. 9: Request to issue Duplicate Degree Certificate.

The Senate was informed about application dated 21st May 2024 received from Mr. Prithul Dutta bearing roll no. B17ME030 informing the loss of his original B.Tech. Degree Certificate. Further, he has requested to issue the duplicate degree certificate.

As per the guidelines on issuing Duplicate Degree certificate, Mr. Dutta has submitted the following documents: -

1. Duly filled Common Application Form.
2. FIR Copy.

3. SBI Collect Fee payment receipt.
4. Affidavit.
5. Photocopy of Original Degree Certificate.

The documents submitted by Mr. Dutta along with guidelines were placed as **Annexure-7**.

The Senate discussed the matter at length and approved the request to issue the Duplicate Degree Certificate to Mr. Prithul Dutta bearing roll no.B17ME030.

R9/SENATE-XLI/24: *The Senate is **Resolved to Approve** the request of Mr. Prithul Dutta bearing roll no.B17ME030 to issue the Duplicate Degree Certificate.*

Item No. 10: One year programme extension request of Mr. Shubham Ray (B20EE001).

The Senate was informed about an application dated 05.07.2024, which has been received from Mr. Shubham Ray B20EE001 requesting for one year extension of B.Tech programme and the same has been forwarded by the concerned faculty advisor with remarks. It is noted that the above mentioned student Mr. Shubham has finished his for year duration of B.Tech programme at the end of Spring 2024 semester but still having some backlogs in some courses in 5th, 7th Semesters and 8th Semester courses which are not registered due to academic obligations. The Faculty advisor of Mr. Shubham Ray, B20EE001 has informed that Mr. Ray has following backlog courses till Spring 2024 Semester i.e. after completion of his four year B.Tech programme.

It was also mentioned that the EE Dept. had discussed the matter of Mr. Shubham in DAC meeting dated 08.07.2024 wherein the department has recommended Mr. Shubham for one year extension to register and complete the backlog/unregistered courses in above proposed manner. The application submitted by Mr. Shubham Ray along with the DAC minutes were placed as **Annexure 12** for kind information please.

The Senate discussed the matter at length and approved the One-year programme extension request of Mr. Shubham Ray (B20EE001).

R10/SENATE-XLI/24: *The Senate is **Resolved to Approve** the One-year programme extension request of Mr. Shubham Ray (B20EE001).*

Item No. 11: Early submission of PhD thesis in respect of Ms. Sonali Samal (P21CS002).

The Senate was informed about an application form VIII-C received from a scholar Mrs. Sonali Samal (P21CS002), who is under the supervision of Dr. Bunil Kumar Balabantaray requesting for early submission of PhD thesis.

The Scholar brief details are as below:

Name & Roll No.	Ms. Sonali Samal
Department	CS
Admission Date	27.07.2021
Registration Date	05.08.2022
Part/Full Time	Full Time
Scholarship availed	Institute

Supervisor Name	Dr. Bunil Kumar Balabantaray
Co- Supervisor Name	NA
Chairman of DC	Prof. Diptendu Sinha Roy
Member from other department	Dr. P. Rangababu

The PhD thesis early submission form, Minutes of the DRC meeting dated 19.06.2024 and the list of the publication were placed as **Annexure- 13** for reference.

After a detailed deliberation the Senate approved early thesis submission request submitted by Mrs. Samal.

R11/SENATE-XLI/24: *The Senate is **Resolved to** Approve the Early submission of PhD thesis in respect of Ms. Sonali Samal (P21CS002).*

Ratification Items:

Item No. 12: End Term result of Spring 2024.

The Senate was briefed about the end term exams result of the Spring 2024 which had been declared with the approval of the Chairman, Senate. The detailed analysis report was placed before the Senate as **Annexure 8**.

R12/SENATE-XLI/24: *The Senate **resolved to ratify** the End Term result of Spring2024.*

Item No. 13: Evaluation plan for NPTEL/Swayam Courses offered to 7th and 8th Semester Students of B.Tech Programme.

The Senate was informed about the Institute's notification No. NITMGH/AA/Notice-Student Vol.II/2023-24/870 dated 31.05.2024 regarding some adjustments made in the course structure for the 7th Semester of the B.Tech. programme. Specifically, flexibility has been introduced to allow students to fulfil course requirements through the NPTEL/SWAYAM portal/Online Course. In this regard Departments have identified relevant and equivalent courses from the NPTEL/SWAYAM portal.

Also, the evaluation plan for these courses offered by the NPTEL/SWAYAM portal etc. along with the notification dated 31.05.2024 had been placed as **Annexure 9** for kind information please.

R13/SENATE-XLI/24: *The Senate **resolved to ratify** the Evaluation plan for NPTEL/Swayam Courses offered to 7th and 8th Semester Students of B.Tech Programme.*

Reporting Items

Item No. 14: 2nd Meeting of NEP Implementation Committee.

The Senate was informed about the 2nd Meeting of NEP Implementation Committee held on 06th June 2024 through hybrid mode wherein the following points and their implement strategies were discussed: -

1. Proposed Multiple Exits in B.Tech. programme.
2. Minimum Credit requirement for B.Tech. programme.
3. Proposal for considering NCC/NSS courses as Micro Credits.

The detailed Minutes of the meeting was placed as **Annexure 10** for kind information please.

R14/SENATE-XLI/24: *The senate **Noted & Appreciated** the efforts made by the Institute.*

Item No. 15: Admission of internally displaced students of NIT Manipur.

The Senate was informed about the MoE letter No. F. No. 40-2/2024- TS.III dated 21.06.2024 conveying the minutes of the virtual meeting held on 19.06.2024 under the chairmanship of Joint Secretary (TE) to finalize the modalities for availing the classes by the internally displaced students of NIT Manipur outside the Manipur (Imphal) in compliance of Hon'ble Supreme Court's Order dated 17.05.2024 with a request to take appropriate action accordingly. Copy of the letter was placed as **Annexure-11** for kind reference please. It was also informed that NIT Manipur vide its letter No. NITM.3/(129-Acad)MoE/2023 dated 13.06.2024 has conveyed the details of the 8(eight) displaced students, who have opted to avail classes from NIT Meghalaya.

In continuation to the above and in pursuance of the Hon'ble court's order, the Institute has promptly taken all necessary action to accommodate the 8 (eight) displaced students of NIT Manipur. Additionally, the multiple meetings have been called by the Institute to work on the course mapping and other related arrangements. Also to mentor the displaced students, the NIT Meghalaya has nominated the Institute level and Department level point of contact vide order No. NITMGH/AA/Notification/2023-24/902 dated 19.06.2024.

R15/SENATE-XLI/24: *The Senate noted and appreciated the progress of the Institute to accommodate the 8(eight) internally displaced students of the NIT Manipur.*

Sd/-
Registrar and Secretary