

**THE XLVII<sup>th</sup> MEETING  
OF  
SENATE**

**NATIONAL INSTITUTE OF TECHNOLOGY  
MEGHALAYA**

**MINUTES**

*Day: Wednesday*

*Date: 09.04.2025*

*Time: 08:00 PM onwards*

*Venue: NA*

*Mode: Online Mode.*

## NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA

### **Minutes of the XLVII<sup>th</sup> Meeting of the Senate held on 09.04.2025.**

The XLVII<sup>th</sup> Meeting of the Senate of NIT Meghalaya was held on 09<sup>th</sup> April 2025, through online mode from 08:00 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. Ramakar Jha, CE Dept. NIT Patna	- Member
5. Prof. A. Bhattacharjee, Physics Dept, NIT Meghalaya	-Member
6. Prof. Harish Chandra Das, Dean(PRBR), NIT Meghalaya	-Member
7. Prof. C. Marthong, CE Dept, NIT Meghalaya	-Member
8. Prof. D. S. Roy, Dean(R&C), NIT Meghalaya	-Member
9. Prof. Anup Dandpat, Dean (AA), NIT Meghalaya	-Member
10. Prof. Saikat Mukherjee, Dean(FW), NIT Meghalaya	- Member
11. Prof. Paonam Sudeep Mangang, Dean(SW), NIT Meghalaya	-Spl. Invitee
12. Dr. Bhaskarjyoti Chakravarty, Registrar, NIT Meghalaya	-Secretary
13. Dr. Dr. Koushik Das, Assoc. Dean (UG) & HoD(ME), NIT Meghalaya	-Spl. Invitee
14. Dr. Arpita Nath, Assoc. Dean (PG), NIT Meghalaya	-Spl. Invitee
15. Dr. Atanu Singha Roy, HoD(CB)(i/c), NIT Meghalaya	-Spl. Invitee
16. Dr. Pradeep Gautam, HoD(CE), NIT Meghalaya	-Spl. Invitee
17. Dr. Deepak Kumar, HoD(CS), NIT Meghalaya	-Spl. Invitee
18. Dr. Shaik Affijulla, HoD(EE), NIT Meghalaya	-Spl. Invitee
19. Dr. P. K. Rathore, HoD (EC), NIT Meghalaya	-Spl. Invitee
20. Dr. Adarsha Kumar Jena, HoD(MA), NIT Meghalaya	-Spl. Invitee
21. Dr. Tribedi Bora, HoD(PH), NIT Meghalaya	-Spl. Invitee
22. Dr. Rokester Kharbikhiew, Asst. Librarian, NIT Meghalaya	-Spl. Invitee

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

#### **Item No. 1: Confirmation of Minutes of the XLVI<sup>th</sup> Senate Meeting held on 10.03.2025.**

The Forty sixth meeting of the Senate of the Institute was held on 10.03.2025 through hybrid mode. The minutes of the meeting was circulated amongst the Senate members for their comments/observations.

#### **R1/SENATE-XLVII/25:**

*The Senate **Resolved to Confirm** the minutes of the XLVI<sup>th</sup> Senate Meeting.*

#### Items for Approval

#### **Item No. 2: PG Programme (Environmental Engineering) under PHE- Sector Development Scheme with Ministry of Housing & Urban Affairs.**

**Part-A:** The Senate was informed about that the proposal of the Institute to introduce a new M. Tech program in Environmental Engineering with a total intake of 15 Students.

**Part-B :** Further, it was informed that the a proposal of the Institute has been accepted by the Ministry of Housing & Urban Affairs. The Ministry of Housing & Urban Affairs (MoHUA), through the Central Public Health and Environmental Engineering Organisation (CPHEEO), vide letter No. F.No. Z-22011/Empanelment/2023-CPHEEO dated 04th April 2025, has conveyed the empanelment of NIT Meghalaya for conducting PG Programs (M.Tech), Refresher Courses, Short Term Courses, and Applied Research Projects under the PHE Sector Development Scheme.

Further, MoHUA, vide letter No. F. No. A-11019/1/2023-PHE/SBM dated 19th December 2024, has issued revised rates for release of grants-in-aid to recognized institutions under the scheme. As per the revised guidelines, Fee, Hostel, and Mess charges will be as per the existing Institute Fee Structure. Details of the revised rates are placed as Annexure 1.3.

The Operational Guidelines of the scheme and the empanelment letter are placed as Annexures 1.1 and 1.2 for kind reference.

#### **Program Proposal:**

The Department of Civil Engineering shall prepare curriculum and implementation modalities for the proposed PG (M.Tech) on Environmental Engineering, in line with the objectives of the PHE Sector Development Scheme. These shall be placed in the next Senate.

As per the proposal the seat distribution is as below: -

The proposed M.Tech program will have a **total intake of 15 students**:

- 5 seats will be reserved for nominations/sponsorships by the Ministry of Housing & Urban Affairs.
- The remaining 10 seats will be filled as per the admission norms of NIT Meghalaya for PG programs.

The Senate after a detailed discussion accepted the of the Institute proposal in principle.

#### **R2/SENATE-XLVII/25:**

**(A)** *The Senate **Resolved to recommend** the introduction of a new PG program (M.Tech in Environmental Engineering) to the BoG.*

**(B)** *The Senate **Resolved to approve** the implementation of this new PG Programme (M.Tech(Environmental Engineering)) under PHE- Sector Development Scheme with Ministry of Housing & Urban Affairs.*

#### **Item No. 3: Proposal for Launching B.Tech Programs in Collaboration with NPTI Guwahati.**

**Part A:** The Senate was informed about that the proposal of the Institute to introduce three new B. Tech programs. The details of the programs are as follows:-

1. B.Tech in Cyber-Physical Systems and Cyber Security
2. B.Tech in Energy Engineering

### 3. B.Tech in Power Systems Engineering

**Part B:** Further, it was informed that each program will have an annual intake of 30 students, and the seat matrix will be prepared in accordance with the seat allocation norms currently adopted by NIT Meghalaya for its other undergraduate programs. The mode of admission under these programs will be through JEE(Mains) and JoSAA only.

Later, it was informed that the Institute has initiated a collaborative partnership with the National Power Training Institute (NPTI), Guwahati – an institute under the Ministry of Power, Government of India – to launch undergraduate engineering programs. This collaboration is aimed at delivering high-quality education in emerging domains while strengthening the Institute's academic outreach and industry engagement.

#### **Program Delivery and Resource Sharing:**

- The academic activities will be jointly conducted by faculty from NPTI Guwahati and NIT Meghalaya, ensuring optimal sharing of faculty, laboratory, and instructional resources.
- Students will be stationed at the NPTI Guwahati campus for the full duration of the program.
- Theory and laboratory courses as and when required will be conducted at the NIT Meghalaya Sohra campus, with appropriate scheduling and logistical support.
- NPTI Guwahati will provide all necessary infrastructure including classrooms, laboratories, hostels, and office space for academic coordination and visiting faculty.
- The degree will be awarded by NIT Meghalaya as per norms.

#### **Fee Structure:**

- NIT Meghalaya will charge only the existing tuition fees applicable to its regular B.Tech programs.
- All other fees, including hostel, mess, and residential charges, will be determined by NPTI Guwahati.
- The comprehensive fee structure for these programs will be finalized through mutual agreement between the two institutions and placed before the Finance Committee (FC) and the Board of Governors (BoG) for approval.

#### **Statutory Provision:**

The proposed collaboration and program offerings are in accordance with Statute 14(1) of the First Statutes of NITs, which empowers the Senate to frame and approve curricula and courses of study, and to initiate new academic programs, including collaborative programs with other institutions.

#### **Objectives of the Collaboration:**

- To offer engineering education aligned with national priorities in energy, power systems, and cybersecurity.
- To leverage the academic and industry-oriented strengths of both institutions.

The Senate appreciated the efforts made by the Institute and approved the proposal in principle as proposed.

**R3/SENATE-XLVII/25:**

**(A)** *The Senate **Resolved to Recommend** the introduction of three new B.Tech Programs to the BoG.*

1. *B.Tech in Cyber-Physical Systems and Cyber Security*
2. *B.Tech in Energy Engineering*
3. *B.Tech in Power Systems Engineering*

**(B)** *In addition, The Senate **resolved to approve** the proposal of the Institute for launching these three new B.Tech Programs in Collaboration with NPTI Guwahati.*

**Item No. 4: Establishment of “School for Skills: Allied Health Sciences NIT Meghalaya” under Sitimon Sawian Centre for Inclusive Education and Approval of New Programs in Collaboration with JSV Innovations Pvt. Ltd.**

The Senate was informed about a new initiative titled “School for Skills: Allied Health Sciences NIT Meghalaya” is being established under the umbrella of the Sitimon Sawian Centre for Inclusive Education at NIT Meghalaya. This school is envisioned to provide skill-based education in the healthcare sector, particularly targeting local youth and underserved communities, thereby supporting inclusive and employment-oriented education.

**Skill & Knowledge Partner:**

The programs will be run in collaboration with JSV Innovations Pvt. Ltd. (JSV), an organization founded by specialist doctors, which has been engaged in delivering allied health sciences training for over 12 years across five Indian states. JSV currently operates similar centers at IIT Guwahati (since 2020) and IIT Indore (since 2023). It has trained over 5,000 students, with more than 75% employed in over 80 hospitals across major Indian cities.

**Proposed Courses:**

**1. General Duty Assistant (GDA)**

- Start Date: July/August 2025 (Tentative)
- Affiliation: Healthcare Sector Skill Council (HSSC), under National Skill Development Corporation (NSDC)
- Duration: 6 months
  - 4 months of classroom and medical skill lab training
  - 2 months of hospital-based internship
- Eligibility: Minimum Class X pass, Age 17.5 to 35 years
- Seat Capacity: 30 students
- Course Fee: To be decided by JSV, considering the socio-economic context of local youth
- Hostel & Establishment Charges: As per NIT Meghalaya norms

## 2. Diploma in Hospital Management (DHM)

- Start Date: October 2025 (Tentative)
- Affiliation: National Council of Vocational & Research Training (NCVRT)
- Duration: 24 months (4 semesters)
  - *Semester I & II:* Classroom and lab training (with short internship in Semester II)
  - *Semester III:* Classroom and lab training
  - *Semester IV:* Long-term hospital internship followed by final assessment
- Eligibility: Minimum Class XII pass.
- Seat Capacity: 30 students
- Course Fee and Hostel Charges: As per policy mentioned under the GDA program

### Implementation and Support:

- Curriculum delivery, training, and internships will be coordinated by JSV Innovations Pvt. Ltd., with academic oversight from NIT Meghalaya.
- The program aims to build local capacity, increase employability, and foster industry-aligned skill development in the healthcare sector.

Certification will be provided through respective affiliating bodies (HSSC/NSDC and NCVRT).

The Senate after a detailed discussion resolved to approve the proposal of the Institute in principle.

### **R4/SENATE-XLVII/25:**

*The Senate Resolved to Approve the proposal in principle with the following points: -*

1. Establishment of the “School for Skills: Allied Health Sciences NIT Meghalaya” under the Sitimon Sawian Centre for Inclusive Education.
2. Introduction of the **Certification program on General Duty Assistant (GDA) and Diploma in Hospital Management (DHM)** programs in collaboration with JSV Innovations Pvt. Ltd., beginning from AY 2025–26. Intake capacity 30 each.
3. Implementation of the programs as per the structure, affiliations, and fee modalities outlined above.

### **Item No. 5: New intake capacity after incorporation of Item 2, 3, and 4**

The Senate was informed that the new intake capacity after incorporation of item No. 2,3 and 4.

UG			
Program	Dept.	Sanctioned Strength	Total
B.Tech	CE	33	165
	CS	33	
	EC	33	
	EE	33	
	ME	33	
B.Tech in collaboration with NPTI (Cyber-Physical Systems and Cyber Security, Energy Engineering, Power Systems Engineering)		30	90
		30	
		30	
			Total 255

PG			
Program	Dept.	Sanctioned Strength	Total
M.Tech	CE	25	125
	CS	25	
	EC	25	
	EE	25	
	ME	25	
MCA	CS	20	20
M.Tech in Environmental Engineering	CE	15	15
M.Sc	CB	30	90
	MA	30	
	PH	30	
			Total 250

	ICCR	DASA	SII	Compex/Non compex		QIP
UG	70	23	25	10		PhD 25
PG (M.Tech)	25	15	25	10		M.Tech 25
PG (M.Sc)	15	9	15	6		
Total	110	47	65	26		50
					Total	298

Certification/Diploma			
Centre/ Dept.	Program	Sanctioned Strength	Total
CS	Data Science & Artificial Intelligence.	30	90
Sitimon Sawian	Computer Course for the Visually Impaired	30	
Sitimon Sawian	General Duty Assistant (GDA)	30	
Sitimon Sawian	Hospital Management	30	30
			Total 120

Ph.D. Intake: To be determined based on available vacancies (based on subject experts) and subject to prior approval by the Senate before the admission process.

**R5/SENATE-XLVII/25:**

*The Senate **Resolved** to **Approve** the new intake as presented above.*

Sd/-  
Registrar and Secretary