

**THE XXXIInd MEETING
OF
SENATE**

**NATIONAL INSTITUTE OF TECHNOLOGY
MEGHALAYA**

MINUTES

Day: Wednesday

Date: 29.03.2023

Time: 10:30 AM

Venue: Conference Room

Mode: Hybrid Mode (online and offline)

NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA

Minutes of the XXXIInd Meeting of the Senate held on 29.03.2023

The XXXIInd Meeting of the Senate of NIT Meghalaya was held on 29th Mar 2023, at the Conference Room of the Institute through hybrid mode (online as well as in person) from 10:30 AM onwards. The following members attended the meeting:

1. Prof. G. Panda, Director, NIT Meghalaya	- Chairman
2. Prof. N.C. Shivaprakash, IISC Bangalore	- Member
3. Prof. N. Tripathy, IIM, Shillong	- Member
4. Prof. M. Panda, NIT Rourkela	- Member
5. Prof. H. C. Das, Professor, NIT Meghalaya	- Member
6. Prof. A. Bhattacharjee, Professor, NIT Meghalaya	- Member
7. Dr. A. Banerjee, Dean (AA), NIT Meghalaya	- Spl. Invitee
8. Dr. C. Marthong, Dean (P&D), NIT Meghalaya	- Spl. Invitee
9. Dr. G. Dutta, Dean (R&C), NIT Meghalaya	- Spl. Invitee
10. Dr. P. S. Mangang, HoD, HS, NIT Meghalaya	- Spl. Invitee
11. Dr. S. Thokchom, HoD, CS, NIT Meghalaya	- Spl. Invitee
12. Dr. P. Saha, HoD, EC, NIT Meghalaya	- Spl. Invitee
13. Dr. S. Debbarma, HoD, EE, NIT Meghalaya	- Spl. Invitee
14. Dr. S. Sahoo, HoD (i/c), CE, NIT Meghalaya	- Spl. Invitee
15. Dr. K. Debnath, HoD, ME, NIT Meghalaya	- Spl. Invitee
16. Dr. B. Kumbhakar, HoD, MA, NIT Meghalaya	- Spl. Invitee
17. Dr. K. Senthilkumar, HoD), PH, NIT Meghalaya	- Spl. Invitee
18. Dr. N.K. Nath, HoD, CY, NIT Meghalaya	- Spl. Invitee
19. Dr. R. Roy, PIC-UG (AA), NIT Meghalaya	- Spl. Invitee
20. Dr. B. K. Balabantaray, PIC-PG&R (AA),), NIT Meghalaya	- Spl. Invitee
21. Mrs. A. Rai, Asst. Registrar (AA), NIT Meghalaya	- Spl. Invitee
22. Dr. R. N. Mahapatra, Registrar, NIT Meghalaya	- Secretary

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

Item No.1: Confirmation of Minutes of the XXXIst Meeting of the Senate of NIT Meghalaya held on 14.12.2022.

The Thirty first meeting of the Senate of the Institute was held on 14.12.2022 in the Conference Room of the Institute through hybrid mode (online and in person). The minutes of the meeting were circulated amongst the distinguished members of the Senate for their comments/observations. However, no comments were received from the members.

R1/SENATE-XXXII/23: *The Senate Resolved to Confirm the minutes of the XXXIst Senate Meeting held on 14th Dec 2022.*

Item No.2: Actions Taken Report on the Decision of the XXXIst Meeting of the Senate.

The actions taken on the decision of the XXXIst Meeting of the Senate were presented during the meeting and the Senate members noted the actions taken by the Institute.

R2/SENATE-XXXII/23: *The Senate Noted and Confirmed the actions taken on the resolutions of the XXXIst Senate Meeting.*

Items for Approval

Item No.3: Results, Autumn 2022 for 1st Sem UG:

The Senate was briefed that the result of 1st Semester B.Tech for Autumn 2022 was scheduled to be declared on the 29th of March, 2023, as per the Academic Calendar. The result and the analysis were presented before the Senate.

R3/SENATE-XXXII/23: *The Senate appreciated the performance of the 1st semester B.Tech students and **Resolved to Approve** the results of Autumn 2022 as presented.*

Item No.4: NEP Proposals for Implementation

i) Curriculum Development Workshop

The Senate was appraised that in view of implementing the New Education Policy, it is proposed to conduct a Curriculum Development Workshop for the B.Tech Programme by end of April 2023. In view of the above, the following key points were discussed:

- 1) Open Electives may be renamed as Institute Core and may include special courses as well.
- 2) Total Credits to be offered may be 160 Credits.
- 3) A new integrated B.Tech Programme for 5 years may be introduced. Out of the 33 seats sanctioned per department for the UG Programme, 22 seats may be reserved for the regular 4 years B.Tech Programme and the remaining 11 seats may be allotted for the new integrated Programme. Students of both the Programmes will have the same curriculum till the third year and shall follow separate curriculum from the 4th year onwards.
- 4) The possibilities of starting M.Tech Research Programme was recommended by the Senate in its XXXIst Meeting held on 14th Dec 2022. The existing sanctioned seats for the 2 years M.Tech Programme is 25 seats per department. It is proposed to re-appropriate 10 seats each from the sanctioned seats for 2 years M.Tech Research Programme. Further, any vacant seat(s) after the CCMT admissions may also be transferred for the M.Tech Research Programme. Institute selection process/entrance exam will be conducted for finalizing the candidates for the Programme. Both GATE and Non-GATE candidates may apply. However, only GATE qualified candidates may avail monthly scholarship as per MoE norms. The modality may be discussed in the upcoming curriculum development workshop and presented before the Senate in the next meeting.
- 5) The titles of courses offered for Minor Degree should be unique than the regular courses offered in the Department.
- 6) Max credits for all type of theory courses in the revised curriculum may be of 3 credits. Few portion of the course contents can be suggested for self-study.
- 7) 30% of the total credits may be secured by the students through online study using recognized windows like NPTEL, Swayam, MOOC, Coursera, etc.
- 8) The Curriculum Development workshop may be conducted by end of April, 2023 while Senate approval followed by BoG approval may be sought by June 2023, so that the revised curriculum can be implemented from the AY 2023-24.

R4/SENATE-XXXII/23: *The Senate **Resolved to Recommend** the above mentioned points for discussion during the upcoming Curriculum Development Workshop.*

Item No.5: Reimbursement of HRA for Married Research Scholars.

The Senate was briefed that the married Research Scholars of the Institute have submitted an application to the Chairman, Senate with an appeal to reimburse house rent allowance (HRA) to those living in rented accommodations due to unavailability of married accommodations in the hostel.

The Senate discussed the matter at length with reference to MoE Office Memorandum F No: 12-2/2019-U1 and recommended that as per the provisions, either Married Scholars (MS) apartments/MS accommodation in the hostels or HRA as per norms should be provided to the full time MS who are receiving the Institute Scholarship as per MoE norms. The following points were further discussed:

- 1) Upon availability of MS apartments/MS accommodation in the hostels, the same may be allocated in order of the year of joining, with prior approval.
- 2) If unavailable, prior recommendations of the Chief Warden and approval of the Competent Authority to stay in rented accommodations should be taken in order to be eligible for HRA. Such scholars should submit the following (re-submit upon change of rented accommodation):
 - a. Application form in the prescribed format.
 - b. Undertaking in the prescribed format.
 - c. Rent receipt (Rent receipt is to be submitted for the first month of every registered semester or for the month from which HRA is to be claimed. The rent receipt should have revenue stamp affixed with the signature of the landlord).
 - d. PAN card of the landlord (Self attested)
- 3) MS residing in their own residence should take approval for the same by submitting the proof of residence. However, HRA will not be provided to them.
- 4) No HRA will be provided after completion of 5 years in the Ph. D Programme.
- 5) The basis of calculating HRA for a month shall be scholarship amount paid to the student for that month. No HRA shall be applicable for the period of unauthorized leave and period of semester withdrawal.
- 6) The HRA admissible shall be either the HRA amount calculated as per point No- 5 above or the actual rent amount paid by him /her (as indicated in the rent receipt submitted by the scholar) whichever is less. HRA shall be applicable only from the month the student submits the required documents to the academic section or the date of occupation of the rented accommodation, whichever is later.
- 7) Only Single HRA will be given if married couple is working in NIT Meghalaya.

R5/SENATE-XXXII/23: *The Senate **Recommended** to provide either married accommodation in the hostels as per provision or HRA as per norms to the married full time scholars of the Institute and further resolved to **place the matter in the BoG for necessary approval.***

Items for Ratification:

Item No. 6: Amendment on Ph.D Regulation under allotment of scholars.

The Senate was briefed about the existing norms on allotment of scholars to the faculties. In view of this, it was proposed that the following point be amended with immediate effect:

Existing	Proposed
<p>c) In order to maintain the momentum of quality research publication, the faculties may be allowed to take one more scholar from the Institute scholarship grant under the following proposed criteria:</p> <ul style="list-style-type: none"> •Guided minimum 2(two) PhD as sole/principal supervisor •Five numbers of SCI/SCIE/SSCI in the last two preceding academic years. R4-A(d)/SENATE-XXVIII/22 	<p>c) In order to maintain the momentum of quality research publication, the faculties may be allowed to take one more scholar from the Institute scholarship grant under the following proposed criteria:</p> <ul style="list-style-type: none"> •Guided minimum 2(two) PhD as sole/principal supervisor •Five numbers of SCI/SCIE/SSCI in the last two preceding academic years. <p>No more scholar(s) shall be allowed under this category until the scholar submits the thesis.</p>

R6/SENATE-XXXII/23: *The Senate Resolved to Ratify the amendment as proposed.*

Item No. 7: Course Registration of Sree Niloy Roy for Spring 2023.

The Senate was briefed about late registration of an international student admitted through the Study In India Scheme, due to visa related and health issues. The matter was discussed at length thereby seeking reasons of recommendation from the HoD concerned.

The Senate recommended that though his case has been approved, it should not be taken as a precedence in future. The Faculty Advisors should be actively involved with the students to avoid such cases. Further, it was suggested that the respective Department should coordinate with Exam Cell to conduct a make-up midterm exam for the student.

R7/SENATE-XXXII/23: *The Senate Resolved to Ratify the late course registration of the above mentioned student after recommending that this case should not be taken as a precedence in future. The respective Department should coordinate with the Exam Cell to conduct a make-up midterm exam for the student.*

Reporting Items:

Item No.8: Global Initiative of Academic Networks (GIAN) Course by MA Department.

The Department of Mathematics organised a Global Initiative of Academic Networks (GIAN) Course (in online mode), funded by the Ministry of Education, on “Matrix Classes in Solving the Linear Complementarity Problem” during **December 12-16, 2022**. Prof. Michael Tsatsomeros, Department of Mathematics & Statistics, Washington State University, Pullman, USA was the foreign faculty of the course. The course also included guest lectures by Prof. K. C. Sivakumar, Department of Mathematics, Indian Institute of Technology Madras, India. Around 25 participants (from all over India) attended the course."

Item No.9: International Symposium, ISSETA 2023 by EE Department.

ISSETA 2023 is the 2nd International Symposium on Sustainable Energy and Technological Advancements, which was organized by the Department of Electrical Engineering, NIT Meghalaya, and Shillong, India during **24th – 25th February 2023**, in hybrid mode. In 2nd ISSETA 2023, 142 papers were received, out of which 92 were good quality papers selected for the Springer book series and a few selected papers are recommended for IJEPS Journal publication. During the two today’s event, five keynote sessions, a two-panel discussion,

young professional talks were given by academicians, IITs, NITs, and foreign exports. On the last day of the event, Innovation and Entrepreneurship talks were organized to share knowledge about start-up Entrepreneurship with the participants.

Item No.10: 4th Research Conclave of NIT Meghalaya

The 4th Annual Research Conclave of the Institute was held on **28th Feb and 1st March, 2023**. The Research Conclave is a great opportunity for researchers, academicians, and industry experts to come together and exchange ideas and experiences. The event provides a platform for researchers to showcase their work and receive feedback from experts in their fields. Several keynote speakers from different parts of India participated and shared their expertise in various fields. Professor Sukumar Nandi, a senior member of IEEE, talked about the Secret of Secret Sharing and its Applications, Professor U.S. Dixit, from the Dept. of Mechanical Engineering, IIT Guwahati shared his knowledge on AI in Manufacturing in the Era of Industry 4.0, Professor Pragya Shukla from IIT Kanpur spoke about Characterizing Quantum Entanglement using a system-dependent random matrix approach and Dr. Pallab Maji, a Senior Research Engineer III-Perception, Autonomous Driving in Ola Electric, India discussed pedestrian safety in India.

The event had multiple tracks available, including Poster Presentation, Research work Demonstration and Research Paper Presentation. Around 70 of the attendees presented their research posters covering diverse fields such as Engineering, Sciences, and Humanities. More than 90 participants were from the hosting institute, while the remaining 20 came from other institutions. In the current event, there was a new addition where participants from B.Tech and M.Tech programmes are also taking part. This is a change from the previous format where only Ph.D. scholars were also allowed to participate. The event included a prize distribution ceremony, where 1st, 2nd, and 3rd place winners in each respective track were awarded cash prizes.

In addition, there were two special awards i.e. the Best Early Researcher Award and the Best Researcher Award. The Best Early Researcher Award is a new addition to this year's event.

Item No.11: Yuva Shakti 2023 in Collaboration with Central Bureau of Communication, Regional Office.

The Central Bureau of Communication, Regional Office, Shillong in collaboration with SAC, NIT Meghalaya organised an Integrated Communications and Outreach Programme (ICOP) at NIT Meghalaya during the **6th, 7th & 9th March 2023**. The program's theme was Yuva Shakti in connection with 'Azadi Ka Amrit Mahotsav'.

During the Programme, quiz was organised with an aims to raise awareness among the general public, especially young people, about India's freedom struggle and its rich cultural heritage followed by dance with an aim to raise awareness among the public, especially the young people in the college and around, about India's rich cultural heritage in fine arts department. Through this event, the Dance and Drama club aim to promote a sense of patriotism, national pride in arts and unity among citizens of India through the performances.

R(8-11)//SENATE-XXXII/23: *The Senate **Noted** the reporting items as presented above.*

Item No. 12: Any other Items with the Permission of the Chair

As there were no other items to discuss, the meeting concluded with thanks to and from the Chair.

Sd/-

(Dr. R.N. Mahapatra)
Registrar and Secretary (i/c)