THE XXIXth MEETING
OF
SENATE

NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA

MINUTES

Day: Monday

Date: 27.06.2022

Time: 05:30 PM

Venue: Conference Room

Mode: Hybrid Mode (online and offline)

NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA

Minutes of the XXIXth Meeting of the Senate held on 27.06.2022

The XXIXth Meeting of the Senate of NIT Meghalaya was held on 27th June 2022 at the Conference Room of the Institute through hybrid mode (online as well as face-to-face) from 05:30 PM onwards. The following members attended the meeting:

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

Prof. M. Panda, NIT Rourkela, Prof. N. Tripathy, IIM, Shillong and Prof. H. C. Das, Professor, NIT Meghalaya could not attend the meeting due to prior commitments and leave of absence was granted to them.

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

Item No.1: Confirmation of Minutes of the XXVIIIth Meeting of the Senate of NIT Meghalaya held on 18.04.2022.

The Twenty-Eighth meeting of the Senate of the Institute was held on 18.04.2022 in the Conference Room of the Institute through hybrid mode (online and face-to-face). 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. After discussions, the Senate resolved to confirm the minutes of the XXVIIIth Meeting of the Senate.

R1/SENATE-XXIX/22: *The Senate **Resolved to Confirm** the minutes of the XXVIIIth Senate Meeting held on 18th June 2022.*

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

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

R2/SENATE-XXIX/22: *The Senate* **Noted** *and* **Confirmed** *the actions taken on the resolutions of the XXVIIIth Senate Meeting.*

Items for Approval

Item No.3: Amendments in Ordinances:

The following proposals for amendment of existing norms under the following Programme were presented before the Senate for discussion and approval:

i) Course Work and Course Registration:
a) In general, one full time Ph.D Scholar has to earn minimum 18 credits during the course work, based on the recommendation of the DRC.
b) Out of 18 credits, 9 credits shall be of Compulsory courses with 700 level courses while the remaining 9 credits shall be from non-compulsory courses.
c) The non-compulsory courses shall be chosen from Masters Level courses onwards.
d) If the department desires, more number of 700 level non-compulsory courses can be offered by following the approval process with IQAC format.

R3(i)/SENATE-XXIX/22: The Senate **Resolved** *to* **Approve** *the proposal on Course Work and Course Registration as mentioned above.*

ii) Course Work Credit Exemption:
Ph.D Scholars who have completed his/her PG in the relevant field within the preceding two years, from the date of admission, are only eligible for exemption upto 9 credits non-compulsory courses. The recommendations for course work credit exemption should be forwarded by the DRC and subsequently approved by the Competent Authority at the beginning of the 1st semester itself, so that the same is reflected in the course registration form.

R3(ii)/SENATE-XXIX/22: The Senate **Resolved** *to* **Approve** *the proposal on Course Work Credit Exemption as mentioned above.*

iii) Academic Leave for Ph.D Scholars in the First Year
During the course work period, the scholars can avail Academic Leaves (max. of 20 days in a calendar year) during semester breaks only and on recommendation of the DRC and subsequent approval from the Competent Authority.

R3(iii)/SENATE-XXIX/22: The Senate **Resolved** *to* **Approve** *the proposal on Academic Leave for Ph.D Scholars in the First Year as mentioned above.*

iv) Required Work Experience for Ph.D/M.Tech Sponsored Programme .

Employees from Industries and Research & Development (R&D) Organizations, Employees from Academic Institutes and Faculties of Senior Colleges (Junior college are not to be included), with minimum working experience of 5 years, after completion of UG (B.E/B.Tech), out of which 2 years should be from the current organization or Candidates with M.E/M.Tech/Master's degree in the relevant field must have minimum of 3 years working experience, out of which 2 years should be from the current organization, to apply for the Sponsored Ph.D. Programme. Candidates from Polytechnic Institutes or those with AMIE (or equivalent) must be an M. Tech graduate in order to apply for the said Programme.

*R3(iv-a)/SENATE-XXIX/22: The Senate **Resolved to Approve** the proposal on required work experience for Ph.D Sponsored (Part Time) Programme as per amendments mentioned above*

b) M.Tech Sponsored Programme:
Two years of regular experience in the current organization, **after completion of B.E/B.Tech or equivalent**, as Scientist/officer/Engineer/ technical staff etc. in the discipline for which admission is sought.

*R3(iv-b)/SENATE-XXIX/22: The Senate **Resolved** to **Approve** the proposal on required work experience for M.Tech Sponsored Programme as mentioned above.*

v) Sole Supervisor Allotment for Employees or Candidates from Nearby Location Pursuing Ph.D Sponsored Programme:
If an employee of NIT Meghalaya or a candidate from nearby location enrols into the Ph.D Programme (Sponsored) at NIT Meghalaya, then the sole supervisor allotment may be permitted based on case to case basis, with recommendations of the DRC and upon subsequent approval of the Competent Authority.

R3(v)/SENATE-XXIX/22: The Senate Resolved to Approve the proposal on Sole Supervisor allotment for Employees or Candidates from nearby location pursuing Ph.D Sponsored Programme as mentioned above.

Item No.4: Minutes of XXIst APC Meeting held on 21st June 2022.
The minutes of the XXIst Meeting of the Academic Programmes Committee held on 21st June 2022 was presented before the Senate during the meeting for discussions and appropriate decisions.

Sl. No	Agenda Item
i	**Proposal from EC Dept**: **a)** Proposal to change the M.Tech/Ph.D. Course Code in order to avoid overlapping with the present PG/Ph.D courses without changing the content: {{TABLE_A}} b) Proposal to offer a new M.Tech/Ph.D course that has been prepared by EC Department {{TABLE_B}} *R1/APC-XXI/2022: The APC discussed the matter and recommended that the matter may be placed before the Senate for approval.* The Senate discussed on the proposal presented by the EC Department and resolved to approve the same. **R4(i)/SENATE-XXIX/22:** *The Senate **Resolved** to **Approve** the proposal of EC Department as presented.*
ii	**Proposal from MA Dept:**

Table A:

Sl. No	Existing Course and Course Code (3-0-0:3)	Proposed Course Code (3-0-0:3)
1.	Microelectronics & Microsensors, EC 533	EC 535

Table B:

Sl. No	Course Name	Proposed course Code
1.	RTL Simulation and Synthesis with PLDs	EC 539

The Department proposed to offer an elective course "Statistical Inference" to 3rd Sem, M.Sc. (MA) students in Autumn- 2022. The existing old elective course "MA538: Statistical Inference" is of 4 credits (3-1-0-:4). However, as per the existing curriculum, all the elective courses are of 3 credits. Therefore, the old course MA538 has been revised as per the present curriculum structure (3-0-0:3), and the code has been changed to MA539 keeping the course name unchanged so that it can be offered in autumn semesters only.

Sl. No	Existing Course and Course Code	Proposed course Code
1.	Statistical Inference (3-1-0:4) MA538	Statistical Inference MA539 (3-0-0:3)

R2/APC-XXI/2022: The APC discussed the matter and recommended that the matter may be placed before the Senate for approval.

The Senate discussed on the proposal presented by the MA Department and resolved to approve the same.

R4(ii)/SENATE-XXIX/22: *The Senate **Resolved** to **Approve** the proposal of MA Department as presented.*

Item No. 5: MoU in respect of Year-Long Stay of B.Tech Students at IIT Hyderabad:

The Senate was briefed that the draft MoU proposed by IIT Hyderabad (IITH) in respect of Year-Long Stay of B.Tech Students at IITH was shared with the departments of the Institute for their views and recommendation. However, no changes or new inclusions have been recommended by any of the departments, while few departments have expressed their satisfaction on the draft MoU presented by IITH.

The Senate deliberated on the draft MoU provided by IITH and resolved to approve the same.

R5/SENATE-XXIX/22: *The Senate **Resolved to Approve** the draft MoU provided by IITH in respect of Year-Long Stay of B.Tech Students at IITH without any modifications.*

Item No. 6: Revised Evaluation Scheme and Question Paper Template for Offline Examinations

The Senate was briefed that the Internal Quality Assessment Committee (IQAC) of the Institute has proposed a revised Offline Class Evaluation Plan and the Question Paper Template. The revised scheme was discussed at length in the APC Meeting held on 21st June 2022 and the Committee recommended that the old/existing evaluation scheme for offline classes (the evaluation scheme followed before the pandemic) should be continued as the proposed revised scheme lacks uniformity and transparency in maintaining the records. That oral component may not be given a separate weightage. Instead, it may be clubbed under Internal Assessment as Assignment/Quiz/Oral.

The Senate deliberated on the points presented by the APC and recommended that the revised offline evaluation scheme should be re-analysed by the IQAC and be placed before the APC for presenting the recommendations in the next Senate Meeting. It was further recommended that the revised offline evaluation scheme should be implemented only after

approval of the Senate.

R6/SENATE-XXIX/22: *The Senate **Recommended** that the revised Offline Class Evaluation Scheme and the Question Paper Template should be reanalyzed by the IQAC and reviewed by the APC before placing it in the next Senate Meeting.*

Items for Ratification:

Item No.7: Results, Spring 2022 (except 2nd Sem UG)

The Senate was briefed that the Spring 2022 results (except 2nd Sem B.Tech) was scheduled to be declared on the 6th of June 2022. The results were prepared and presented to the Chairman, Senate for approval and the same was declared after approval.

R7/SENATE-XXIX/22: *The Senate **Resolved to Ratify the** Results of Spring 2022 (except 2nd Sem UG) as presented.*

Item No.8: Revised Academic Calendars, Autumn 2022 (except 1st Sem UG/PG & Ph.D)

The Senate was briefed about the revised Academic Calendars for Autumn 2022 was prepared and presented to the Chairman, Senate for approval and the same was approved.

R8/SENATE-XXIX/22: *The Senate **Resolved to Ratify** the revised Academic Calendars of Autumn 2022 as presented.*

Item No. 9: Grade Change Appeal from B.Tech 1st Semester students

The Senate was briefed about the appeals for grade change received from the following B.Tech 1st semester students after the declaration of Autumn 2021 results. The applications were forwarded to the respective Course Instructors through the HoDs and on receiving the recommendations from the Departments, the matter was discussed at the UGPEC Meetings and further approved by the Chairman, Senate as under:

Sl. No.	Roll No.	Name	Course Code	Course Name	Course Instructor	Grade awarded	Comments of the UGPEC after Grade Change Appeal
1.	B21CE012	Dawanbiang Shangpliang	EE151	Basic Electrical Engineering Lab	Ms. Ramyani Chakrabarty	FF	Recommended to change grade to DD from FF
2.	B21CS032	Akshayan M	HS101	English Language Skills	Dr. P.S. Mangang	BC	Grade Change Not Recommended
3.	B21ME004	Gaurav Polai	MA101	Differential Calculus & Linear Algebra	Dr. Saikat Mukherjee, Dr Bidyasagar Kumbhakar, Dr. Mandeepa Saha	BC	
4.	B21ME024	Payal Singh				FF	Recommended to change grade to CC from FF

R9/SENATE-XXIX/22: *The Senate **Resolved to Ratify** the grade change appeals for 1st B.Tech 1st Semester students as stated above.*

Item No.10: Increase in the Sanctioned Admission Seats after Implementation of EWS Category.

The Senate was briefed that the inclusion of EWS Category for reservation of admission seats at NIT Meghalaya started from the Academic Year 2021-22 under B.Tech Admissions (in line with MoE letter F.No.35-4/2018- TS.III dated 5th Aug, 2021) and across all the UG & PG Programmes from the AY 2022-23 onwards. After implementation of EWS category for reservation of seats during admission, the earlier sanctioned strength for B.Tech Admission have increased from 150 seats (30 seats per departments) in total to 165 seats (33 seats per department) in total. That of M.Tech Admissions increased from 100 seats (20 seats per department) to 125 seats (25 seats per department) while M.Sc Admission seats increased from 48 (16 seats per department) seats to 60seats (20 seats per department).

R10/SENATE-XXIX/22: *The Senate **Resolved to Ratify** the increase in the sanctioned admission seats after Implementation of EWS Category with a recommendation to intimate the same to the BoG in its upcoming meeting.*

Reporting Items:

Item No. 11: "Techno Exhibit 2022" organized by Centre for Innovation and Incubation (CII)

The Senate was briefed that the Centre for Innovation, Incubation and Entrepreneurship (CIIE), National Institute of Technology Meghalaya in collaboration with the State Council of Science, Technology & Environment (SCSTE), Meghalaya organized the "Techno Exhibit 2022" as part of the celebration of the National Technology Day on the 11th and 12th of May, 2022.

R11/SENATE-XXIX/22: The Senate noted and appreciated the actions taken by the CII.

Item No. 12: Tree Plantation Program Organized by NSS at the Permanent Campus
The Senate was briefed that a tree plantation program was organized by the NSS at the permanent campus of NIT Meghalaya at Sohra on the 3rd of June, 2022, Friday in the presence of Prof. Bibhuti Bhusan Biswal, Director, NIT Meghalaya.

R12/SENATE-XXIX/22: The Senate noted and appreciated the tree plantation initiative taken by the NSS at the permanent campus.

Item No. 13: Online Workshop titled "Green Materials and Manufacturing" Organized by ME Department
The Senate was briefed that the department of Mechanical Engineering is organising an online High-End Workshop titled "Green Materials and Manufacturing: Concepts, Practices, and Needs", from June 23 - 29, 2022. The event is sponsored by SERB under the scheme of "Accelerate Vigyan"

R13/SENATE-XXIX/22: The Senate noted and appreciated the ongoing online workshop organized by the ME Department.

Item No. 14: Online Workshop titled "Cultural Heritage Preservation using Machine Learning" Organized by CS Department

The Senate was briefed that the Dept. of Computer Science and Engineering is going to organize the SERB-funded High-End Workshop on "Cultural Heritage Preservation using Machine Learning" scheduled to be held from 13.06.2022 to 26.06.2022.

R14/SENATE-XXIX/22: The Senate noted and appreciated the online workshop organized by the CS Department.

Item No. 15: An Alumni of NIT Meghalaya featured in the Forbes, Under 30 List 2022

The Senate was briefed that Nikhil Tripathy, an alumni of NIT Meghalaya (B.Tech Batch:2013-2017, ME), was featured in the Forbes List, 30 Under 30 - Asia - Industry, Manufacturing & Energy (2022). Tripathi cofounded Bijak in 2019, a B2B agritech start-up based in Gurugram. The platform gives agricultural commodity buyers and sellers' better prices, increased working capital, and optimized logistics. It aims to bring accountability and transparency into the agricultural value chain through a buyer/seller rating system and enables traders, wholesalers, and food processors to discover new and reliable trade partners. The startup says it has expanded to 22 states, 90 commodities, and $150 million in annualized gross merchandise value. Thousands of buyers and sellers across more than 500 locations already use the Bijak platform to transact every day, it claims. Since inception, Bijak has raised $35 million, including $12 million of series A funding led by RTP Global with other investors such as Sequoia Capital India and Better Capital. The start-up plans to use the investment to enhance its technology team and create new features.

R15/SENATE-XXIX/22: The Senate appreciated and congratulated the achievement of Mr. Nikhil Tripathy, an alumni of NIT Meghalaya, for being listed in the Forbes List, 30 Under 30 - Asia - Industry, Manufacturing & Energy (2022) and wished him all the very best for his future endeavors.

Item No. 18: 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/-

(B.N. Choudhury)
Registrar and Secretary