

THE XXXVIIIth MEETING
OF
SENATE
NATIONAL INSTITUTE OF TECHNOLOGY
MEGHALAYA
MINUTES

Day: Friday

Date: 17.05.2024

Time: 10:00 AM onwards

Venue: Conference Room, NIT Meghalaya

Mode: Hybrid Mode (online and offline)

NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA

Minutes of the XXXVIIIth Meeting of the Senate held on 17.05.2024.

The XXXVIIIth Meeting of the Senate of NIT Meghalaya was held on 17th May 2024, at the Conference Room of the Institute through hybrid mode from 10:00 AM onwards. The following members attended the meeting:

1. Prof. P. Mahanta, Director, NIT Meghalaya	- Chairman
2. Prof. M. G. Banerjee, Director, EFLU	- Member
3. Prof. S. Basu, Dept of Physics, IIT Guwahati	- Member
4. Prof. M. Panda, NIT Rourkela	- Member
5. Prof. A. Bhattacharjee, PH 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. D. S. Roy, Dean (R&C), NIT Meghalaya	- Member
9. Prof. C. Marthong, CE Dept., NIT Meghalaya	- Member
10. Prof. Anup Dandpat, Dean (AA), NIT Meghalaya	- Member
11. Prof. P.S. Mangang, Dean(SW)& HoD(HS), NIT Meghalaya	- Member
12. Dr. H.M. Kalita, HoD, CE, NIT Meghalaya	- Spl. Invitee
13. Dr. Sanjoy Debbarma, HoD(i/c), EE, NIT Meghalaya	- Spl. Invitee
14. Dr. Prabir Kumar Saha, HoD, EC, NIT Meghalaya	- Spl. Invitee
15. Dr. K. Debnath, HoD, ME, NIT Meghalaya	- Spl. Invitee
16. Dr. Surmila Thokchom HoD, CS, NIT Meghalaya	- Spl. Invitee
17. Dr. A. K. Jena, HoD, MA, NIT Meghalaya	- Spl. Invitee
18. Dr. T. Bora, HoD, PH, NIT Meghalaya	- Spl. Invitee
19. Dr. Gitish Dutta, HoD, CB, NIT Meghalaya	- Spl. Invitee
20. Dr. R. Kharbihkhiew, Asst. Librarian, NIT Meghalaya	- Spl. Invitee
21. Dr. Bhaskarjyoti Chakravarty, Registrar, NIT Meghalaya	- Secretary

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

Item No. 1: Confirmation of Minutes of the XXXVIIth Meeting of the Senate of NIT Meghalaya held on 22.03.2024.

The Thirty-Seventh meeting of the Senate of the Institute was held on 22.03.2024 in the Conference Room of the Institute through hybrid mode (online and offline). The minutes of the meeting were circulated amongst the Senate members for their comments/observations.

R1/SENATE-XXXVIII/24: *The Senate Resolved to Confirm the minutes of the XXXVIIth Senate Meeting held on 22nd March 2024.*

Item No. 2: Action Taken Report on the decisions of the XXXVIIth meeting of the Senate.

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

R2/SENATE-XXXVIII/24: *The Senate acknowledged and approved the actions taken on the resolutions of the XXXVIIth Senate Meeting. However, the Senate recommended including the Dean (FW) in the committee (item 8 of the 37th Senate) that has been formed to finalize guidelines on financial support for PhD scholars.*

Items for Approval

Item No. 3: Recommendations from XXXIIIrd APC Meeting.

3.1) Modalities for Minor degree in Sports Engineering.

The modalities framed by the department of Mechanical Engineering in view of the Minor Degree in Sports Engineering was placed before the Senate as **Annexure 1**. The Senate discussed on the modalities at length and **suggested some minor changes** in accordance with the proposed UG ordinance Provision on Minor Degree (mentioned below).

Further, the Senate was informed about the following existing ordinance provision and proposed ordinance provision on Minor Degree as mentioned below: -

Existing UG Ordinance Provision on Minor Degree	Proposed UG Ordinance Provision on Minor Degree
<p>A student may be allowed to register for a minor degree in a particular specialization offered by another department from 3rd Semester onwards, provided he/she has a CGPA of 7.5 and above at the end of 2nd Semester.</p> <p>The credit structure to get a minor degree shall be 20 credits as mentioned below:</p> <p>I. Specialized Theory Courses: Total 14 Credits.</p> <p>II. Mini Project in the 7th or 8th Semester: 6 Credits (0-0-12:6) The Course distribution over the semesters will be decided by the DAC offering the minor degree.</p> <p>Eligibility for Award of B.Tech Minor Degrees:</p> <ul style="list-style-type: none"> • To be eligible for the minor degree award, the students must complete the specialization course(s) offered by the other department while maintaining minimum CGPA of 7.5 till the 8th Semester, without any “F” Grade / backlog course, gap period and with no disciplinary action. • If a student does not become eligible for the minor degree, then the courses (of the other department) completed by the student shall be mentioned in the Grade Card, but not included for CGPA calculation. • Courses for Minor Degree start from 3rd Semester onwards and students should plan registration for courses from the beginning in order to complete all the 	<ol style="list-style-type: none"> 1. All UG engineering students may opt for a minor degree offered by the Institute, provided they have maximum 2 backlogs. 2. Applications from internal students shall be invited in a prescribed format. 3. Selection will be made based on CGPA. In case of a tie in CGPA for allotting minor degree, the SGPA of the 2nd semester will be considered. 4. Course for minor degree starts in the 3rd semester, and students are required to register for one minor course each semester up to the 6th /7th Semester as required by the specific minor degree. 5. The minimum number of credits for earning a minor degree is 12. 6. The maximum number of seats is limited to 30 across all departments. 7. The minimum 10 number of students will be required to run a minor degree. 8. If a student fails to complete a minor degree course within normal duration, he/she has the option to either drop the minor degree or he/she may stay extra semester or year as applicable to complete the same for award of minor degree. If the student drops the minor degree, then earned credits will be counted as microcredit courses. 9. Any student who wishes to leave the minor degree in between, he/she may be allowed to do so with the permission of Minor Degree coordinator & Dean (AA).

<p>extra credits by the end of eighth semester.</p> <ul style="list-style-type: none">• Students should be prepared to write more than one exam in a day.• To discontinue from Minor Degree, the student must submit “Minor Degree Discontinuing Form” before the last date of course registration.	
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The Senate examined the proposed amendments minutely and after a detailed discussion the same was considered for approval with suggested modifications.

R(3.1)/SENATE-XXXVIII/24: *The Senate **Resolved to Approve** the proposed modalities for minor degree in Sports Engineering and proposed UG Ordinance Provision on minor Degree.*

3.2) Format to issue Provisional Degree Certificate and Degree Certificate.

The draft formats to issue the Provisional Degree Certificate and Degree Certificate proposed by the Chemical and Biological Sciences Department and subsequently recommended by the APC were placed before the Senate as **Annexure 2**. Later, upon detailed deliberation the Senate approved the draft formats as placed.

R(3.2)/SENATE-XXXVIII/24: *The Senate **Resolved to Approve** the draft formats to issue Provisional Degree Certificate and Degree Certificate as proposed. Also, suggested to use **CB** abbreviation for the Dept. of Chemical and Biological Sciences.*

3.3) M.Tech. Full time to Part time conversion.

The Senate was informed about the request of Mr. Allenbe Ruston Kharbani (T23EE001) for conversion of the category from M.Tech Full Time to Part Time. Further, it was informed that Student has secured a job at Power Grid Corporation of India Ltd (PGCIL) which requires his immediate attention and commitment. He has performed academically well in his first Semester securing a CGPA of 9.32, he has also successfully completed his mid semester exam for the 2nd semester and is prepared to appear physically for the final exams on the dates notified by the Institute and he is to report PGCIL on 24th May 2024 to complete his joining formalities.

The application submitted by the student along with other documents were placed before Senate as **Annexure -3**.

Later, after a detailed discussion the Senate approved the recommendation of the APC on the category conversion of Mr. Allenbe from Full Time to Part Time.

R(3.3)/SENATE-XXXVIII/24: *The Senate **Resolved to Approve** the category conversion of Mr. Allenbe Ruston Kharbani(T23EE001) from Full Time to Part Time.*

3.4) Academic Calendar for Autumn 2024.

The Draft academic calendar for Autumn 2024 was placed before the Senate for approval as **Annexure- 4**. The Senate after a detailed deliberation approved the Academic Calendar for Autumn 2024 with the following suggestions.

1. Total 7 Days may be allocated for Mid Term Examinations.
2. Total 8 Days may be allocated for End Term Examinations.
3. Oct 5,2024 may be kept as Tentative date for 11th Convocation 2024.

R(3.4)/SENATE-XXXVIII/24: The Senate **Resolved to Approve** the draft Academic Calendar for Autumn 2024 with above mentioned suggestions.

3.5) Course Codes related to the NEP Curriculum.

The Senate was informed about NEP implementation progress and in line with this, the matter for finalization of the Course codes related to the NEP curriculum was placed before Senate as below: -

The Course Code shall be of the format- **XX ABC** where **XX** shall be a 2-character code for the department offering the course and **ABC** shall be a 3 digit numeric code. Where **A** shall represent course level and **B** shall represent the Course type and **C** shall be used to identify different course semester wise under even and odd category.

XX	A	B	C
Represents Dept	Represents Level	Represents Course Type {eg. Theory, Lab, OE, Internship, Project}	Represents Semester type {Odd, Even}

Type of Course	Code	“B” Range	Example
Theory	XX ABC	Theory Course (B ranges from 0 to 3)	ME <u>10</u> 1, CE <u>13</u> 1
Lab	XX ABC	Lab Course (B ranges from 5 to 6)	CS <u>15</u> 6, ME <u>16</u> 6
Open Elective	XX ABC	Open Elective (B is fixed at 7)	ME <u>17</u> 9, CE <u>17</u> 6
Internship	XX ABC	Internship (B is fixed at 8)	ME <u>18</u> 2, CE <u>18</u> 6
Project	XX ABC	Project (B is fixed at 9)	CS <u>19</u> 8, CE <u>19</u> 6

Value Added courses and Open Elective courses offered combinedly by two or more departments will be named in general as **VA & OE** respectively else with the Department code.

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.

Item No. 4: Early submission of PhD thesis in respect of Mr. Vaibhav Tiwari (P21CS018).

The Senate was informed about an application received from a scholar Mr. Vaibhav Tiwari (P21CS018), who is under the supervision of Prof. Diptendu Sinha Roy and Dr. Akhilendra Pratap Singh, Asst. Prof. CSE Dept. requesting for early submission of PhD thesis.

The Scholar brief details are as below:

Name & Roll No.	Mr. Vaibhav Tiwari (P21CS018)
Department	CS
Admission Date	07.10.2021
Registration Date	17.10.2022
Part/Full Time	Full Time Project Fellow
Scholarship availed	Project
Supervisor Name	Prof. Diptendu Sinha Roy
Co- Supervisor Name	Dr. Akhilendra Pratap Singh
Chairman of DC	Dr. Yogita, NIT Kurukshetra (On lien)
Member from other department	Dr. Abhishek Saekhel

DRC recommendations and Student's application along with publications were placed as **Annexure- 5** for reference.

After a detailed deliberation the Senate approved early thesis submission.

R4/SENATE-XXXVIII/24: The Senate Resolved to Approve the Early submission of PhD thesis in respect of Mr. Vaibhav Tiwari (P21CS018).

Item No. 5: Early submission of PhD thesis in respect of Mr. Manish Kurre (P21EE001).

The Senate was informed about an application form VIII-C received from a scholar Mr. Manish Kurre (P21EE001), who is under the supervision of Dr. Atanu Banerjee, Assoc. Professor, IEST Shibpur requesting for early submission of PhD thesis.

The Scholar brief details are as below:

Name & Roll No.	Mr. Manish Kurre (P21EE001)
Department	EE
Admission Date	14.06.2021
Registration Date	07.09.2022
Part/Full Time	Full Time Project Fellow
Scholarship availed	Institute fellowship w.e.f. 01.04.2023
Supervisor Name	Dr. Atanu Banerjee, Assoc. Prof. IEST Shibpur
Co- Supervisor Name	
Chairman of DC	Dr. Shaik Affijula, EE Dept.
Member from other department	Dr. Prabir Kumar Saha, EC Dept.

The PhD thesis early submission form, Minutes of the DRC meeting dated 29.04.2024 and the list of the publication were placed as **Annexure- 6** for reference.

After a detailed deliberation the Senate approved early thesis submission.

R5/SENATE-XXXVIII/24: *The Senate is **Resolved to Approve** the Early submission of PhD thesis in respect of Mr. Manish Kurre (P21EE001).*

Item No. 6: ICCR (Indian Council for Cultural Relations) Seat Matrix for AY 2024-25.

The Senate was briefed about total 388 applications received by the Institute In last Academic year through ICCR in various programmes (B.Tech, M.Tech, M.Sc. and PhD). It was also mentioned that the number of received applications in CS and EC Departments were comparatively higher. Later, based on the applicants and available infrastructure, the following Seat matrix was placed before the Senate was discussion as **Annexure 7**: -

UG/PG	Programme Name	Total seats	
UG (BTech)	BTech in Civil Engineering	10	70
	BTech in Computer Science and Engineering	20	
	BTech in Electronics and Communication Engineering	20	
	BTech in Electrical and Electronics Engineering	10	
	BTech in Mechanical Engineering	10	
PG (MTech)	MTech in Structural Engineering	5	25
	MTech in Computer Science and Engineering	5	
	MTech in VSLI & Embedded Systems	5	
	MTech in Power & Energy Systems	5	
	MTech in Fluid & Thermal Engineering	5	
PG (M.Sc.)	M. Sc. in Physics	5	15
	M. Sc. in Chemistry	5	
	M. Sc. in Mathematics	5	
PhD	PhD: As per available vacancy in the Department and based on interest of candidates and specialization of faculty member.		

After a detailed discussion the Senate considered and recommended the proposed Seat matrix for ICCR for Academic Year 2024-25.

R6/SENATE-XXXVIII/24: *The Senate is **Resolved to Approve** ICCR Seat matrix for Academic Year 2024-25 as proposed.*

Item No. 7: QIP (Quality Improvement Programme) Seat Matrix AY 2024-25.

The Senate was informed about the letter no. F. No. AICTE/T&LB/QIP/Centre/2-24-25, dated 15.04.2024, conveying the approval for establishment of the QIP Centre (Centre no. QIP0122) at NIT Meghalaya. It was also mentioned that the NIT Meghalaya was allotted a total of 25 Seats for PhD Programme and 25 Seats for M.Tech programme under the category of the centre allotted as QIP engineering.

Further, it was informed that Upon verifying the details by AICTE, Institute needs to add the department, specialization and eligibility criteria for Ph.D. and M.Tech programme. Since the programs are aimed to faculty members from the various engineering institutions, it was proposed to offer Ph.D. programme to all engineering and science dept, and M.Tech programme to all engineering department with the following seat matrix:

Programme Name	Dept.	No. of Seat	
Ph.D	Civil Engineering	4	25
	Computer Science and Engineering	2	
	Electronics and Communication Engineering	4	
	Electrical Engineering	2	
	Mechanical Engineering	4	
	Chemical & Biological Sciences	3	
	Physics	2	
	Mathematics	4	
M.Tech	Civil Engineering	6	25
	Computer Science and Engineering	6	
	Electronics and Communication Engineering	5	
	Electrical Engineering	4	
	Mechanical Engineering	4	

The specialization for Ph.D. programme are collected from the respective HoDs, and eligibility criteria for Ph.D. programme is kept same as the Institute Ph.D. admission criteria, and the specialization and eligibility criteria for the M.Tech programme is collected from CCMT Coordinator (2024). The Note submitted by Dr. Manideepa Saha, Coordinator, QIP Centre along with the other eligibility criteria documents were placed as **Annexure- 8**.

After a detailed discussion the Senate considered and recommended the proposed Seat matrix for ICCR for Academic Year 2024-25.

R7/SENATE-XXXVIII/24: *The Senate is Resolved to Approve QIP Seat matrix for Academic Year 2024-25 as proposed.*

Item No. 8: DASA Seat Matrix for AY 2024-25.

The Senate was apprised of the letter No. NITRR/DASA/2024/03 dated 29.04.2024 informing, the MoE has entrusted the coordination of the admission process of UG and PG programme under DASA Scheme for the Academic year 2024-25 NIT Raipur.

It was further informed that NIT Meghalaya has to provide the Seat Matrix for finalizing the DASA -2024 Information brochure. In this regard the draft Seat Matrix under DASA Scheme for Academic Year 2024-25 was placed before Senate as below:-

UG/PG	Programme	Total CIWG Seats	Total General Seats	Total Seats (CIWG + Gen)
UG (B.Tech)	B. Tech in CE	1	3	4
	B. Tech in CSE	1	4	5
	B. Tech in ECE	1	4	5
	B. Tech in EEE	1	3	4
	B. Tech in ME	1	4	5
PG (M.Tech)	M. Tech in Structural Engineering	0	3	3
	M. Tech in Computer Science and Engineering	0	3	3
	M. Tech in VSLI & Embedded Systems	0	3	3
	M. Tech in Power & Energy Systems	0	3	3
	M. Tech in Fluid & Thermal Engineering	0	3	3
PG (M.Sc.)	M. Sc. in Physics	0	3	3
	M. Sc. in Chemistry	0	3	3
	M. Sc. in Mathematics	0	3	3

After a detailed discussion the Senate considered and recommended the proposed Seat matrix for DASA for Academic Year 2024-25.

R8/SENATE-XXXVIII/24: *The Senate is **Resolved to Approve** DASA Seat matrix for Academic Year 2024-25 as proposed.*

Item No. 9: UG and PG Seat matrix for Academic year 2024-25.

The UG and PG Seat Matrix for the academic year 2024-25 was presented to the Senate as **Annexure 10**. We have adhered to the same matrix as used in 2023-24. It was also noted that this information has been communicated to CSAB, CCMT, and CCMN for counselling/student allocation purposes.

After a detailed discussion the Senate considered and recommended the proposed UG/PG Seat matrix for Academic Year 2024-25.

R9/SENATE-XXXVIII/24: *The Senate is **Resolved to Approve** UG/PG Seat Matrix for Academic Year 2024-25 as proposed.*

Item No. 10: Proposal for engagement of Adjunct Faculty in Mechanical Department.

The Senate was informed about the requirement of Mechanical Department for engagement of few experts from academia and R&D as Adjunct Faculty to boost its teaching and research activities in the field of “Design and Analysis” one of the research groups of the department. This matter was discussed in detail in the Department Academic Committee meeting of ME Dept on 26th February 2024. The department had identified a few experts from academia and R&D as given below and proposed to engage them as Adjunct faculty in ME Department. The brief details of the identified experts are as mentioned below: -

Sl. No.	Adjunct Faculty	Affiliation	Area of Expertise
1.	Prof. Samir Kumar Acharya	Professor, Dept. of Mechanical Engineering, NIT Rourkela.	Composite Materials, Tribology, Design of Steel Plant Equipments.
2.	Dr. Niharendu Saha	Associate Professor, Dept. of Mechanical Engineering, Assam Engineering College.	Machine Design, Tribology, Rotor Dynamics, Composite Material.
3.	Dr. Sambhunath Nandy	Chief Scientist, Underwater Robotics & Autonomous System Group CSIR- Central Mechanical Engineering Research Institute, Durgapur, West Bengal.	Mechanical Design and Robotics.

The DAC minutes of the meeting held on 26th February 2024 along with the CV of the above-mentioned experts were placed before Senate as **Annexure- 11**.

The Senate discussed the matter at length and approved the proposal for engagement of Adjunct Faculty in Mechanical Department.

R10/SENATE-XXXVIII/24: *The Senate is **Resolved to Approve** the proposal of the Mechanical Department for engagement of Adjunct Faculty.*

Item No. 11: Proposal on amendment of Ph.D regulation under allotment of Scholars.

The Senate was informed that Institute allows only 2 Institute-scholars per eligible faculty supervisor based on the availability of initial research facility. To accelerate the research, institute proposes following amendment of PhD regulation under allotment of scholars.

Existing	Proposed
a) A faculty member shall have maximum 2 PhD students under him as Principal Supervisor/ Sole Supervisor from the Institute scholarship grant. Additionally one will be allowed to take sponsored scholar depending on the sponsored R&D projects. (R6 (d)/SENATE-XX/19).	a) A faculty member shall have maximum 4 PhD students under him as Principal Supervisor/ Sole Supervisor from the Institute scholarship grant. Additionally faculty members will be allowed to take sponsored scholar depending on the sponsored R&D projects. (R6 (d)/SENATE-XX/19).

The Senate discussed the matter at length and approved the abovementioned amendments in the PhD regulation under allotment of Scholars.

R11/SENATE-XXXVIII/24: *The Senate is **Resolved to** Approve the amendments in the PhD regulation under allotment of Scholars from 2 PhD Scholars to 4 PhD scholars under Institute Scholarship grant.*

Item No. 12: Proposal on amendment of academic ordinance under Summer Term.

The Senate was informed about the existing and proposed provisions under Summer Term as mentioned below: -

Existing	Proposed
<p>4. Summer Term Course:</p> <p>4.1 A Summer Term course may be offered for students under Academic Probation (vide E.15) by a department on the recommendation of the Academic Probation Committee (E.16) and the faculty offering the course and with the approval of the Dean (Academic).</p> <p>4.2 No student shall be allowed to register for more than two courses during a summer term.</p> <p>4.3 Summer term courses will be announced by the Dean (Academic) before the commencement of the end-semester examinations. A student will have to register within the time stipulated in the announcement by paying the prescribed fees.</p> <p>4.4 The number of contact hours in any summer term course will be the same as in the regular semester course. The assessment procedure in a summer term course will also be similar to the procedure for a regular semester course.</p> <p>4.5 Withdrawal from a summer term course is not permitted. No supplementary tests will be taken in a summer term course.</p>	<p>4. Summer Term :</p> <p>4.1 A Summer Term course may be offered for students under Academic Probation/Course backlog (vide E.15) by a department on the recommendation of the Academic Probation Committee (E.16) and the faculty offering the course and with the approval of the Dean (Academic).</p> <p>4.2A student having backlog can register for maximum 5 courses during summer break. Required guidance/classes and required tests/assignments/exams are to be taken during summer.</p> <p>4.3 Summer term courses will be announced by the Dean (Academic) before the commencement of the end-semester examinations. A student will have to register within the time stipulated in the announcement by paying the prescribed fees.</p>

4.6 20% of the enrolled strength of the respective courses or 5 numbers of students, whichever is lesser, should register in order to float the course in the Summer Term. R4 (b)/SENATEXXIV/21.	4.4 Withdrawal from a summer term course is not permitted. No supplementary tests will be taken in a summer term course.
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The Senate examined the proposed amendments minutely and after a detailed discussion the same was considered for approval.

R12/SENATE-XXXVIII/24: *The Senate is **Resolved to Approve** the proposed amendment of Academic Ordinance under Summer Term.*

Item No. 13: Proposed guidelines on selection criteria for Chairman’s Gold Medal.

The Senate was informed that the Board of Governors in its 38th meeting resolved to approve the proposal to establishment of an award honouring the top female student in the B.Tech programme. This award was presented as Gold Medal and would be generously sponsored by Shri Suni Alagh himself, the Chairman of the Board of the Governors.

Later, it was placed before the Senate in its 37th meeting as a reposting item. The Senate acknowledged the commended the creation of an award recognizing the top female student in the B.Tech programme and the Medal’s name was suggested as Chairman’s Gold Medal.

Further, it was informed that the Institute’s Ordinance no. V (Ordinance on Award of medals) is required to be modified with the detailed guidelines on selection criteria for Chairman’s Gold Medal and the same has been prepared by the Office of the Dean(SW). The proposed guidelines on Selection criteria for Chairman’s Gold Medal was placed as **Annexure- 12** for kind perusal and discussion.

The Senate discussed the matter at length and observed that the selectin criteria should be different on some points and suggested to revisit the guidelines. Further, it was suggested that the revised guidelines may be placed before Senate in upcoming meeting.

R13/SENATE-XXXVIII/24: *The Senate has **Suggested** to revisit the proposed guidelines by keeping selection criteria different on some points.*

Item No. 14: Group Medical Insurance Scheme (GMIS) for Students.

The Senate was informed about the approval of the BoG to provide the Group medical Insurance Scheme (GIMS) for the students with a total basic coverage of Rs. 2 lakhs only to the students, with a condition that the total annual premium amount of the scheme shall be collected from the students only. Further, it was informed that as per the suggestions of 36th Senate meeting, it is kept mandatory for all Indian Students and optional for international students.

The Senate was informed that the Institute had invited the quotations and same have been analysed by the committee. The committee after finalization proposed the Annual premium amount of Rs. 1046/-(One thousand forth six rupee) per student. The committee recommendations along with the other relevant documents were placed before Senate as Annexure 13 for kind reference please.

The Senate discussed the matter at length and approved the proposed amount Rs. 1046/- as Annual premium amount per student for medical insurance. Also, suggested the chairman Institute Medical Committee to explore the possibilities to cover the international Students under the insurance scheme.

R14/SENATE-XXXVIII/24: *The Senate is **Resolved to Approve** the inclusion of annual premium amount of **Rs. 1046/-** per student for Group medical Insurance Scheme (GMIS) in existing fee structure.*

Item No. 15: Introduction of Micro Credits.

The Senate was informed that the Micro-credit courses supplement the standard curriculum required for a degree, providing students with a diverse array of options to enrich their learning experience beyond the prescribed coursework. Internal students will have access to a broad selection of courses spanning various disciplines, such as NCC/NSS/ Yoga /IKS / CAD/CAM, 3-D printing, UNESCO studies, and offerings under Minor Degrees. These 11 courses aim to broaden students' knowledge and skills, fostering holistic development alongside their primary degree pursuits.

- A bucket of courses shall be offered in each semester on recommendation of Department and subsequently approved by the Senate Chairman.
- Course details, credit, contact hours, evaluation scheme are to be approved by the Senate Chairman prior to floating the courses.
- One student will be allowed to take only one micro credit course in a semester.
- Micro Credit courses can be taken by any student (UG/PG/PhD).
- A student who is not having any backlog, will be allowed to take a micro credit course.
- Students who fail to complete the courses required for a Minor Degree, or who do not fulfill the minor degree requirements but have completed some courses, will have those completed courses considered as Micro-Credit courses.
- Separate Grade Sheet will be issued for all earned Micro credit courses at the end of final semester OR at the time of leaving.
- Similar grading system as of to be followed.

The Senate examined the proposal of introduction of Micro Credits and after a detailed discussion the same was considered for approval.

R15/SENATE-XXXVIII/24: *The Senate **resolved to approve** the inclusion of Micro Credit courses in alignment with NEP-2020*

Item No. 16: Request of Ms. Sana P22CY003 to avail Institute fellowship.

The Senate was apprised of an application dated 23.03.2024 received from a PhD scholar Ms. Sana Quraishi (P22CY003) with a request to avail Institute fellowship. The same has been recommended by the supervisor and HoD(CB) for consideration.

The brief detail of the scholar is as below: -

Name & roll no.	Sana Quraishi (P22CY003)
Department	Chemical and Biological Sciences
Admission Date	25.01.2022
Part time/ Full Time	Sponsored (Full Time)
Scholarship Availed	NA

Supervisor Name	Dr. Atanu Singha Roy, Asst. Prof. CBS Dept.
PhD Registration Date	03.04.2023

It was further informed that Ms. Sana was admitted in PhD programme on 25.01.2022 under Sponsored Full-Time category as she was not Gate qualified in the year 2022. Later in the year 2024 she had appeared in the GATE 2024 examination and successfully qualified with a score of 409. Thereafter she has submitted a request application dated 22.03.2024 to avail Institute fellowship.

It is also to mention here that as per the PhD regulations, *PhD scholars from Science/ Humanities disciplines must be GATE/ NET qualified to be eligible for receiving the scholarship from the Institute.*

The extract of the PhD ordinance, Application submitted by the Scholar along with the Gate Score card was placed as **Annexure- 14** for kind reference.

The Senate discussed the matter and suggested to invite a meeting with experts to explore the possibilities to award some incentive as fellowship.

R16/SENATE-XXXVIII/24: *The Senate has **suggested** to invite a meeting with experts to explore the possibilities for award of some incentive as fellowship.*

Item No. 17: Modification in Course Content.

The Senate informed about the following proposals for addition in the course content:-

1. The Mechanical Engineering department has proposed to include a new module named "Cyber Security" in the course content of ME 291 (Safety Engineering). This proposal has been recommended by the HoD (ME) to be added in the syllabus.

The proposal note along with revised course content of ME 291(Safety Engineering) was placed as **Annexure- 15** for kind perusal please.

2. The Chemical and Biological Engineering department has proposed to include a list of new experiments in the course content of CY 581 (Physical Chemistry). This proposal has been recommended by the HoD (CB) to be added in the syllabus.

The proposal note along with revised course content of CY 581 (Physical Chemistry) was placed as **Annexure- 15**.

R17/SENATE-XXXVIII/24: *The Senate **Resolved to Approve** the addition in the course content of ME 291 and CY 581.*

Item No. 18: Floating of new course and interchange of courses between semesters.

The Senate was apprised of the proposal of the mathematics department to add one new elective course MA 543- Optimization Techniques in 3rd semester of MSc programme. The DAC of the Department of Mathematics recommended to interchange of one existing elective course from the 3rd Sem (Computational Fluid Dynamics, MA537) with one existing elective course from the 4th Sem (Topology, MA532). As a result, the courses Topology and Computational Fluid Dynamics with new course codes MA537 and MA532, respectively, can be floated in the third and fourth semesters.

The DAC minutes and course details were placed as **Annexure-16** for reference.

The Senate discussed the matter at length and suggested the following: -

1. CO and PO mapping needs to be completed.
2. A committee may be constituted to Identify all courses with same course names but different course codes.

After attaining all above-mentioned suggestions, this proposal may be placed in the upcoming Senate.

R18/SENATE-XXXVIII/24: *The Senate is **Resolved** to place the proposal in the upcoming Senate after attaining above mentioned suggestions.*

Item No. 19: Advertisement for Professor of Practice (PoP).

The Senate was informed about the Institute Advertisement No. NITMGH/ES/REC/F/Vol.IV/2023/121 dated 17.04.2024 advertised as rolling advertisement for Professor of Practice. Detailed advertisement was placed as **Annexure 18** for reference. Further, the following two shortlisted profiles along with the recommendation by the ACoFAR was placed before the Senate for consideration and recommendation.

1. Shri Prashant Mishra
2. Shri Piyush Chakraborty

After a detailed discussion the Senate recommended Shri Piyush Chakraborty for the post of Professor of Practice and advised that the term for the appointment may be decided by the Chairman Sente.

R19/SENATE-XXXVIII/24: *The Senate is **Resolved to Approve** shortlisted profiles by the AcoFAR for the post of Professor of Practice.*

Item No. 20: Request to issue Duplicate Degree Certificate.

The Senate was briefed about Mr. Yellina Sri Ram Sai Teja bearing roll no. B14ME019 submitted an application dated 7th May 2024 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. Yellina has submitted the following documents: -

- a. Duly filled Common Application Form.
- b. FIR Copy.
- c. SBI Collect Fee payment receipt.
- d. Affidavit.
- e. Photocopy of Original Degree Certificate.

The documents submitted by Mr. Yellina along with guidelines were placed as **Annexure-A**.

R20/SENATE-XXXVIII/24: *The Senate is **Resolved to Approve** the issuance of the Duplicate Degree Certificate in respect of Mr. Yellina Sri Ram Sai Teja bearing roll no. B14ME019.*

Ratification Items:

Item No. 21: Notification on Summer Term 2024.

The Senate was briefed about the Notification No: NITMGH/AA/Summer Term/Vol-II/2023-24/790 dated 08.05.2024 issued for inviting registration for the Summer Term courses wherein the students with backlogs are permitted to register for a maximum of five backlog courses. The detailed notification is placed as **Annexure- 17** for reference.

R21/SENATE-XXXVIII/24: *The Senate **resolved to ratify** the decision taken by the Director on Summer Term 2024.*

Item No. 22: Makeup end Term Examination results for Autumn 2023.

The Senate was informed about Ms. Gutti Madhulika B21CS031 who permitted by the Competent Authority to appear in the make – up end term examination of Autumn 2023 in the month of January 2024. All theory courses grades submitted by the CSE Department have already been placed in the 37th Senate Meeting as ratification item. However the grade for CS 351 was not submitted by the department at that time and later it was placed before the Competent Authority for approval by HoD(CSE).

The Make-up End Term Examination grade of Ms. Gutti, in Operating System Lab course CS 351 is placed as below: -

NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA																						
Grades of Make-up End Semester Examination																						
Discipline: Computer Science and Engineering (2021-2025 Batch)																						
February 2024																						
Course: CS301 Operating Systems CS303 Database Management Systems CS305 Computer Networks CS313 Embedded Systems CS319 Automata and Formal Language CE371 Solid Waste Management																						
CS351 Operating System Lab																						
Sl No	Roll no.	Name of the student	CS301		CS303		CS305		CS313		CS319		CE371		CS351		Semester Grade point	Semester Credit Earned	Cumulative Grade Point	Cumulative Credit earned	SGPA	CGPA
			4	4	3	4	3	2	2													
			GR	GP																		
1	B21CS031	Gutti Madhulika	CD	5	BB	8	CC	6	BC	7	CC	6	BC	7	BC	7	144	22	762	107	6.55	7.12

R22/SENATE-XXXVIII/24: *The Senate **resolved to ratify** the Make-up End Term Examination results of Ms. Gutti Madhulika for Autumn 2023*

Reporting Items

Item No. 23: Exchange of students and credit transfer with IIT Hyderabad.

The Senate was informed about the signed MoU between NIT Meghalaya and IIT Hyderabad (IITH) to facilitate student exchange, research collaboration and direct PhD Admission opportunities. As per the agreement, our institute will nominate some selected students who will have completed their third year of BTech by May/June 2024. These selected students will spend their fourth year at IITH, where they will fulfil their required coursework and project work. Both institutions are currently collaborating to finalize the course mapping and credit transfer procedures. Provisional shortlisted students were placed as **Annexure B**.

Upon completion of their eighth semester, students interested in pursuing a PhD program at IITH must have achieved a minimum CGPA of 8.0 will be admitted under Direct PhD

program. Students admitted to the direct PhD program will receive both M.Tech and PhD degrees upon completion of the program.

R23/SENATE-XXXVIII/24: *The senate **Noted & Appreciated** the efforts made by the Institute.*

Sd/-
Registrar and Secretary