THE XXIIIrd MEETING
OF
SENATE

NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA

MINUTES

Day: Friday

Date: 11.12.2020

Time: 10:30 AM

Mode: Video Conference

NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA

Minutes of the XXIIIrd Meeting of the Senate held on 11.12.2020

The XXIIIrd Meeting of the Senate of NIT Meghalaya was held on 11th Dec, 2020 at 10:30 AM through Video Conference and 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. R. K. Sahoo, NIT Rourkela	-Member
4.	Prof. M.K Paswan, NIT Jamshedpur	-Member
5.	Prof. (Mrs.) N. Tripathy, IIM Shillong	- Member
6.	Prof. G. Panda, Professor, NIT Meghalaya	- Member
7.	Prof. H. C. Das, Professor, NIT Meghalaya	-Member
8.	Prof. A. Bhattacharjee, Professor, NIT Meghalaya	-Member
9.	Dr. A. Banerjee, Dean (Students' Welfare)	- Spl. Invitee
10.	Dr. C. Marthong, Dean (Planning & Development)	- Spl. Invitee
11.	Dr. G. Dutta, Dean (Research & Consultancy)	- Spl. Invitee
12.	Dr. R. N. Mahapatra, HoD, ME,NIT Meghalaya	- Spl. Invitee
13.	Dr. P.S. Mangang, HoD, HS, NIT Meghalaya	- Spl. Invitee
14.	Dr. M. L. Patton, HoD, CE, NIT Meghalaya	- Spl. Invitee
15.	Dr. S. Debbarma, HoD, EE, NIT Meghalaya	- Spl. Invitee
16.	Dr. S. Thokchom, HoD (i/c), CS,NIT Meghalaya	- Spl. Invitee
17.	Dr. P. Rangababu, HoD, EC,NIT Meghalaya	- Spl. Invitee
18.	Dr. A. Nath, HoD, PH,NIT Meghalaya	- Spl. Invitee
19.	Dr. A. S. Roy, HoD, CY,NIT Meghalaya	- Spl. Invitee
20.	Dr. B. Kumbhakar, HoD, MA,NIT Meghalaya	- Spl. Invitee
21.	Dr. R. S. Das, Head of CCD, NIT Meghalaya	- Spl. Invitee
22.	Dr. V. Pal, PIC (UG), NIT Meghalaya	- Spl. Invitee
23.	Mrs. A. Rai, Asst. Registrar(AA), NIT Meghalaya	- Spl. Invitee
24.	Mr. B.N. Choudhury, Registrar, NIT Meghalaya	- Secretary

At the outset, the Chairman, Senate, NIT Meghalaya welcomed the members and special invitees to the Twenty-Third Meeting of the Senate. Thereafter, the agenda items of the day were taken up.

Item No.1: Confirmation of Minutes of the XXIInd Meeting of the Senate of NIT Meghalaya held on 10.09.2020

The XXIInd meeting of the Senate of the Institute was held on 10.09.2020 through video conference due to the ongoing COVID-19, pandemic. The minutes of the meeting were circulated amongst the members of the Committee for their comments/observations. Two comments were received which were discussed in the meeting. While confirming the minutes, the members suggested replacing the word "subsequent" from resolution No. R4(1b)/SENATE-XXII/20 of the XXIInd Senate Meeting by "corresponding odd/even". Then after, the members confirmed the minutes.

R1/SENATE-XXIII/20: *The Senate **Resolved to Confirm** the minutes of the XXIInd Senate Meeting held on 10th Sep, 2020 with a minor correction in the resolution No. R4 (1b)/SENATE-XXIIXXII/20, as mentioned above.*

Item No.2: Action Taken Report on the decisions of the XXIInd Meeting of the Senate

The actions taken on the decision of the XXIInd Meeting of the Senate were circulated amongst the members and also presented before the Senate. During the meeting, the

actions taken were elaborately explained to the members and the members expressed their satisfaction to the action taken by the Institute.

R2/SENATE-XXIII/20: *The Senate **Noted** and **Confirmed** the actions taken on the resolutions of the XXIInd Senate Meeting held on 10th Sep 2020 and also approved the revised modality on Outstanding Research Fellowship Scheme as presented.*

Items for Approval

Item No.3: Academic Calendar for Spring 2021 (except for 2nd Sem UG & PG)

The draft Academic Calendar for Spring 2021 (except for 2nd Sem UG & PG) was presented before the Senate.

ACADEMIC CALENDAR FOR SPRING SEMESTER (January-June, 2021)

Sl. No.	Particulars	Date	Day
1	Registration	Jan 21-22, 2021	Thu - Fri
2	**Re-**Commencement of Classes	Jan 25, 2021	Mon
3	Registration with Fine (Rs. 3,000/-)	Jan 25–29, 2021	Mon – Fri
4	PhD Comprehensive Examination	Feb 10, 2021	Wed
5	Last Date of Grade Change Appeal	Feb 10, 2021	Wed
6	PhD Comprehensive Examination Result submission	Feb 15, 2021	Mon
7	Research Conclave	Feb 28-29, 2021	Sun-Mon
8	Mid Term Examinations	Mar 08-12, 2021	Mon - Fri
9	Mid Term Marks Entry	Mar 24, 2021	Wed
10	Institute Day	Apr 01, 2021	Thu
11	Institute Cultural Festival (Shishir)	Apr 02-03, 2021 (Tentative)	Thu-Fri
12	Last Day of Classes	May 07	Fri
13	Display of Internal Marks	May 07	Fri
14	Pre-Registration Counseling with Faculty Advisors	May 06-07	Thu-Fri
15	End Term Examinations	May 10 – 17, 2021	Mon - Mon
16	Completion of M. Tech/M. Sc Project Presentations &Viva Voce	May 17 – 21, 2021	Mon - Fri
17	Grade submission by Department	May 24, 2021	Mon
18	Result Analysis by UG – PEC & PG - PEC	May 27-28, 2021	Thu - Fri
19	Declaration of Results	Jun 02, 2021	Wed
20	Summer Break/Internship Programme (for UG students)	May 18 – July 25, 2021	Tue -Sun

SUMMER TERM (ST) & SPECIAL EXAM (SE)-Final Year B. Tech, (June-July, 2021)

Sl. No.	Particulars	Date	Day
1	Registration (ST & SE)	Jun 03 -04, 2021	Thu-Fri
2	Commencement of Classes (ST)	Jun 07, 2021	Mon
3	Mid Term Examinations (ST)	Jul 01–05, 2021	Thu-Mon
4	End Term Examinations (ST & SE)	Jul 15 –21, 2021	Thu-Wed
5	Submission of Grades (ST & SE)	Jul 23, 2021	Fri
6	Declaration of Results (ST & SE)	Jul 26, 2021	Mon

After a brief discussion, the Senate confirmed the same with a suggestion to change the word Commencement to Re-commencement in Pt. No. 2 of the Academic Calendar for Spring 2021, as the classes have already commenced from 26th of Nov, 2020. The members further suggested for taking approval of the Chairman, Senate in case any changes have to be made in the Academic Calendar due to the ongoing pandemic and

thus authorised the Chairman, Senate to take appropriate action and report the changes to the members in the next Senate Meetings.

R3/SENATE-XXIII/20: *The Senate* **Resolved** *to* **Approve** *the Academic Calendar for Spring 2021 (except for 2nd Sem UG & PG) after suggesting to modify the word Commencement to Re-commencement in Pt. No. 2.*

Item No.4: Recommendations from XVIth APC Meeting

a) Syllabi for B. Tech 7th & 8th Semesters:

The DAC minutes and the Syllabi of the 7th& 8th Semester, B. Tech of all the engineering departments prepared as per the new B. Tech Curriculum of 2018 were presented before the Senate. After detailed deliberation, it was recommended that the suggestions of the IQAC should be incorporated for maintaining the uniformity. The Senate further authorized the Chairman, Senate for appropriate decision/approval of the revised syllabi.

R4 (a)/SENATE-XXIII/20: *The Senate* **Recommended** *to incorporate the suggestions of the IQAC in this regard and authorized the Chairman, Senate for appropriate decision/approval of the revised syllabi for 7th& 8th Semester, B. Tech. The same may be ratified in the next Senate Meeting.*

b) Revised Syllabus for HS 711: Research Methodology:

The revised syllabus of HS 711 was presented before the Senate. After discussion, it was recommended that the syllabus should be a 3 credit course. It was also suggested to re-modify, take appropriate feedback and re-submit the syllabus in the next Senate Meeting.

R4 (b)/SENATE-XXIII/20: *The Senate* **Recommended** *to incorporate the suggestions of the members as above and present the revised syllabus of HS 711 in the next Senate Meeting.*

Item No.5: Proposal for Amendment in Ph. D Regulations

Recognition of Co-Supervisor

Existing Co-Supervisor Clause	Co-Supervisor Clause after XXIIIrd Senate Meeting
1) Any member of the faculty/ scientist from other recognized universities/ institutes/ organization with requisite qualifications and outstanding research background may be recognized as supervisor/ co-supervisor at NIT Meghalaya if the Chairman, Senate approves with recommendation of DRC.	1) Any member of the faculty/ scientist from other recognized universities/ institutes/ organizations/**industries with a Ph. D Degree may be recognized as Co-supervisor upon approval of Chairman, Senate. A person having a Master's degree with 15 years of experience shall also be eligible for becoming a Co-Supervisor upon approval of Chairman, Senate**.
2) The scholar enrolled into Ph.D. Sponsored (Part-Time) Programme must choose a Co-Supervisor from his/her parent organization or reputed Institute nearer to his/her working place. However, in case the student	2) The scholar enrolled into Ph.D. Sponsored (Part-Time) Programme **may** choose a Co-Supervisor **preferably** from his/her parent organization or reputed Institute nearer to his/her working

is unable to find a suitable Co-supervisor, his/her Supervisor may recommend a Co-Supervisor from a reputed Institution that may be beneficial for the scholar to carry out the research work. The process of proposing a Co-supervisor shall be followed as specified in R7 (b)/SENATEXVIII/19.	place. **Alternatively, the scholar may opt for a Co-Supervisor from NIT Meghalaya provided his/her workplace is nearby Shillong.**
3) The Supervisor may propose a Co-Supervisor from other Institutes/Industries along with his/her CV and email/letter of consent. Upon approval of the Competent Authority, he/she may be recognised for Co-Supervising the student at NIT Meghalaya. (R7 (b)/SENATE-XVIII/19)	3) **In case the candidate is not able to propose a Co-Supervisor then the Principal Supervisor from NIT Meghalaya** may propose a Co-Supervisor **with the requisite qualifications as proposed in pt. no. 1** along with his/her CV and email/letter of consent.
4) The DRC may forward a brief note to Dean (AA) along with the resume for forwarding to the Competent Authority.	4) The DRC **shall** forward a brief note to Dean (AA) along with the CV for approval of the Competent Authority **Upon approval, he/she may be recognised for Co-Supervising the student at NIT Meghalaya.**
5) The existing Sponsored (Part Time) Ph. D Scholars can carry out their research work under sole supervision provided they are unable to find a Co-Supervisor as per norms and the Institute attendance requirement of such scholars may be increased by 50%. However, from Spring 2021 admission onwards, the shortlisted candidates for Sponsored (Part Time) Programme should mandatorily propose a Co-Supervisor, along with his/her brief bio-data and consent, from the parent organization or from any reputed Institutes closer to the work place of the candidate before the selection process. (R4(2b)/SENATE-XXII/20)	5) The existing Sponsored (Part Time) Ph. D Scholars can carry out their research work under sole supervision provided they are unable to find a Co-Supervisor as per norms and the Institute attendance requirement of such scholars may be increased by 50%. **Allotment of Sole Supervisor will be on case to case basis and upon approval of the Competent Authority.** However, from Spring 2021 admission onwards, the shortlisted candidates for Sponsored (Part Time) Programme should mandatorily propose a Co-Supervisor along with his/her brief bio-data and consent **preferably** from the parent organization or from any reputed Institutes closer to the work place of the candidate before the selection process.

The proposal on amendment to the clause of recognition of Co-Supervisors were discussed in length and the Senate suggested to modify few points as incorporated in the table above, before confirming the proposal.

R5/SENATE-XXIII/20: *The Senate **Resolved** to **Approve** the amendment on the clause of selection of Co-Supervisors after incorporating the suggestions of the Senate Members as presented in the above table.*

Item No.6: Proposal for Amendment in Guidelines to Operations of Sponsored Research

The proposal of Dean (R&C) on amendments in the existing guidelines to Operations of Sponsored Research were discussed and considered by the Senate members as under:

Existing	Amendments after XXIIIrd Senate Meeting
Dean, Research and Developments (R & D)	Dean Research and Developments (R & D) to be known as **Dean Research and Consultancy (R & C).**
Leave rules Leave for a maximum period of thirty days in a year in addition to general holidays may be taken by a Project Staff with necessary approval from the PI.	Leave rules Leave for a maximum period of **twenty days (20 days) in a year in addition to general holidays may be taken by a Project Staff with necessary approval from the PI.**
After the approval of Dean, R&D, the office of the Registrar will issue appointment letter(s) to the selected candidate(s).	The Senate did not agree to the proposal and recommended that it shall remain unchanged.

R6/SENATE-XXIII/20: *The Senate* **Resolved** *to* **Approve** *the amendment in the guidelines of Operations of Sponsored Research after incorporating the suggestions of the Senate Members as presented in the above table.*

Item No.7: Proposal to Revise the Fees for International Students enrolling through ICCR

The proposal of the In-Charge for Centre of International Relation to revise the fees for International Students admitted through Indian Council for Cultural Relations (ICCR) from the Academic Year 2021-22 onwards was discussed to keep the fees at par with the International Students admitted through Study in India (SII) and agreed upon by the Senate.

R7/SENATE-XXIII/20: *The Senate* **Resolved** *to* **Approve** *the revision of fees for the International Students enrolling through ICCR from the Academic Year 2021-22 onwards inorder to keep the fees at par with the International Students admitted through Study in India (SII)*

Item No.8: Semester Wise Credit Structure for Ph. D Scholars after Registration

The proposal to introduce semester wise credit structure for Ph. D scholars after the confirmation of Ph. D registration was discussed at length and the Senate confirmed to approve the same after suggesting the following modifications:

1) Research Work Content {to be evaluated by Supervisor(s)}:12 Credits
2) Technical Writing and Seminar {to be evaluated by the DC}: 4 Credits

The scheme of evaluation will be formulated by IQAC and upon approval of Senate Chairman, the same may be implemented.

R8/SENATE-XXIII/20: *The Senate* **Resolved** *to* **Approve** *the proposal after incorporating few modifications suggested by the Senate as indicated above.*

Item No.9: Autumn 2020 Results (except for 1st Sem UG & PG)

The UG & PG Results of the end-term examination of Autumn 2020(except for 1st Semester UG & PG) were presented before the Senate along with the minutes of the UGPEC & PGPEC. While the Senate confirmed to approve the results of the UG Programme, the HoDs of the PG Programmes (M. Tech & M. Sc) were asked to review the

results at the Departmental level and submit the revised results for the approval of the Chairman Senate before declaring the results on 17th of Dec, 2020.

R9/SENATE-XXIII/20: *The Senate **Resolved** to **Approve** the Autumn 2020 results of the UG Programme while the HoDs of the PG Programmes (M. Tech & M. Sc) were asked to review the results at the Departmental Level and submit the revised results for the approval of the Chairman Senate before declaring the results on 17th of Dec, 2020.*

Item No.10: Online-Internship of the Students

The In-Charge for Training and Placement Cell briefed the Senate that the B. Tech/M. Tech students are allowed to pursue internship strictly during summer/winter vacation for period of 6 to 8 weeks, so that their regular academic activities are not hampered. However, in the wake of the outbreak of the pandemic, various organizations are offering internships through online mode with scholarship for tenure of more than two months, upto 6 months. Subject to the performance of the selected candidates during the internship period, the students stand a chance of securing a job offer, upon successful completion of the internship. In view of this, the Senate was requested to allow the students to avail online internship opportunities for a period of more than 8 weeks if he/she can carry out the internship work without hampering the regular academic activities, and fulfill the requisite attendance required to appear for the examinations. The Senate agreed to the above proposal.

R10/SENATE-XXIII/20: *The Senate **Resolved** to **Approve** allowing the students to avail online internship opportunities for a period of more than 8 weeks provided he/she can carry out the internship work without hampering the regular academic activities and also fulfils the requisite attendance required to appear the examinations, but upon approval of the Competent Authority.*

Item No.11: Selection of Indian & Foreign Examiners for Thesis Evaluation

As per the existing Ordinance on the Board of Examiners of Thesis (BET), the BET for examination of a thesis shall consist of internal examiner(s) (normally all the supervisors) and two external examiners. One of the two external examiners shall be from abroad. The external examiners shall be chosen by the Chairperson of the Senate from a panel of Ten members (5 from India and 5 from abroad) proposed and recommended by the Doctoral Committee at the time of submission of synopsis of the thesis.
It was highlighted to the Senate that in few cases the 1st list of Foreign Examiners recommended by the DC Members get exhausted and subsequently the second list and sometimes even the third list has to be asked for, as the consent of the Foreign Examiners are not given/responded on time. It was therefore proposed that in such cases, the Chairman Senate may recommend another Indian Examiner from the list so that there is no delay in the completion of the Thesis Evaluation process of the scholar.

The Senate after analyzing the proposal decided not to recommend the proposal and to continue with the existing ordinance on selection of BET.

R11/SENATE-XXIII/20: *The Senate **Resolved not to Approve** the proposal and suggested to continue with the existing ordinance on the selection of the Board of Examiners of Thesis (BET).*

Items for Ratification:

Item No.12: Academic Calendar for Autumn 2020 (1st Sem UG & PG)

The Academic Calendars for Autumn 2020 (1st Sem UG & PG) which were approved by the Chairman Senate were presented before the Senate. The Senate accepted the calendar as presented and ratified.

R12/SENATE-XXIII/20: *The Senate **Resolved to Ratify** the Academic Calendars of 1st Semester UG & PG, for Autumn 2020 as presented.*

Item No.13: Proposal of MA Dept. to offer a new Open Elective Course MA 540 during Spring 2021

The proposal of MA Dept. to offer a new Open Elective Course MA 540 to the 4th Semester, M. Sc students during Spring 2021 which started from 26th Nov, 2020 was approved by the Chairman Senate and the same was presented to the Senate. The Senate ratified the same.

R13/SENATE-XXIII/20:*The Senate **Resolved to Ratify** offering a new Open Elective Course MA 540 to the 4th Semester, M.Sc. students during Spring 2021.*

Item No.14: Inclusion of one more scholar for award of Ph.D in the 7th Convocation

The Senate was briefed about the Oral Defence Examination of a scholar named from Civil Engineering Department which was held and successfully concluded via online mode on 26th Nov, 2020. As the 7th Virtual Convocation of the Institute was scheduled to be held on 4th of Dec, 2020, it was proposed to the Chairman Senate for inclusion of the scholar's name in the list of Ph. D Degree Awardees. The same was approved and the scholar was awarded degree on 4th of Dec, 2020 during the convocation. The Senate ratified the same.

R14/SENATE-XXIII/20: *The Senate **Resolved to Ratify** the inclusion of one more scholar for award of Ph. D in the 7th Convocation of the Institute as mentioned above.*

Reporting Items

Item No.15: Admission 2020

The Senate was informed about the enrolment of the new UG & PG students during Autumn 2020. The Senate appreciated the efforts taken by the Institute to complete the admission processes online and also commence the academic session online as per schedule.

R15/SENATE-XXIII/20: *The Senate **Noted** the Admission 2020 details as presented and **Appreciated** the efforts made by the Institute to complete the admission processes online and also commence the academic session online as per schedule.*

Item No.16: Convocation 2020

The Senate was briefed about the 7th Virtual Convocation of the Institute which was held on the 4th of Dec, 2020 and was made available through various Social Media accounts of the Institute including Facebook, Twitter and YouTube. A total of 227 students from all the Programmes were awarded in the convocation.

R16/SENATE-XXIII/20: *The Senate **Noted** with **Appreciation,** the details presented on the 7th Convocation of the Institute which was held virtually on the 4th of Dec, 2020.*

Item No.17: Faculty Development Programmes/Workshops Conducted

The Senate was briefed about the following Faculty Development Programmes which were conducted during Sep-Oct, 2020:

1) The National Level AICTE Training and Learning (ATAL) Academy Sponsored Online Faculty Development Programme on:
a) "Advanced Control and Wireless Sensors for Smart Distribution Network with Renewable Energy Integration" conducted during 09th – 13th November 2020, via online mode, by the Department of Electrical Engineering, NIT Meghalaya.
b) "Blockchain Application Development Using Hyper ledger and Ethereum" conducted during October 05-09, 2020, via online mode, by the Department of Computer Science Engineering, NIT Meghalaya.
2) TEQIP-III sponsored online Faculty Development Programme on "Outcome Based Engineering Education and Accreditation (OBEEA 2020)"conducted during September 21st – 23rd, 2020.

R17/SENATE-XXIII/20: *The Senate **Noted** the above mentioned Faculty Development Programmes organized by the departments and desired that the HoDs may be encouraged to conduct more workshops in the days to come.*

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.