



**MINUTES OF THE 20th MEETING OF SENATE HELD IN THE OFFICE CHAMBER OF
THE DIRECTOR, NIT MIZORAM ON THE 14th NOVEMBER, 2022 AT 3:00 PM**

Members Present:

1	Prof. S. Sundar Director, NIT Mizoram	Chairman
2	Prof. A.T. Khan, Department of Chemistry, IIT Guwahati	Member
3	Prof. Sukumar Nandi, Department of CSE, IIT Guwahati	Member
4	Prof. Biswajit Mahanty, Industrial and Systems Engineering, IIT Kharagpur	Special Invitee
5	Dr. Rudra Sankar Dhar, Associate Professor(ECE) and Dean (Academic)	Member
6	Dr. Lalthanchami Sailo Registrar, NIT Mizoram	Secretary
7	Prof. Saibal Chatterjee, Professor, Dept. of EEE and Dean (R&C), NIT Mizoram	Invitee
8	Prof. Ajmal Koya Pulikkal, Professor (Chemistry), Dept. of BS & HSS and Dean (FW), NIT Mizoram	Invitee
9	Dr. Bijayananda Mohanty, Associate Professor, Dept. of CE and Dean (P &D), NIT Mizoram	Invitee
10	D. Bidesh Roy, Associate Professor, (M.E), NIT Mizoram	Invitee representing The Dean (SW)
11	Dr. Suman Majumdar, Asst. Prof. and HoD, Dept. of EEE, NIT Mizoram	Invitee
12	Dr. Rudra Sankar Dhar, Assoc. Prof. (ECE) and Dean (Academic), NIT Mizoram	Invitee representing HoD (ECE)
13	Dr. Sandeep Kumar Dash, Asst. Prof. and HoD, Dept. of CSE, NIT Mizoram	Invitee
14	Dr. Saurav Suman, Asst. Prof. and HoD, Dept. of ME, NIT Mizoram	Invitee
15	Dr. Ricky Lalthazuala, Asst. Prof. and HoD, Dept. of CE, NIT Mizoram	Invitee
16	Dr. Surender Ontela, Asst. Prof.(Mathematics) and HoD, Dept. of BS & HSS, NIT Mizoram	Invitee
17	Dr. Anagha Bhattacharya, Asst. Prof. Dept. of EEE and Faculty In-charge, Examination, NIT Mizoram	Invitee

The Director welcomed the members and also showed his gratitude towards the Senate Members for sparing their time for attending the meeting.

Prof. Sudeshna Purkayashtha, Department of History, Assam University, Silchar is granted leave of absence.

SNT 20.1	Welcome address by the Chairman, Senate As above
SNT 20.2	Confirmation on the Minutes of the 19th Senate Meeting held on 14th September, 2022 This is to place before the Senate the proposal for confirmation of the Minutes of the 20 th meeting of Senate on 14 th December, 2022 at NIT Mizoram, Aizawl. Copy of the meeting minutes is placed at Annexure –I of SNT 20.2 at page no. 1-10
	Decision of the Senate: Confirmed
SNT 20.3	Confirmation on the action taken on the resolution of the 20th Senate Meeting held on 14th September, 2022. On the basis of the resolution taken during the 19 th Meeting of Senate on 14 th September, 2022 at NIT Mizoram, Aizawl the action taken by the Institute is placed at Annexure –I of SNT 20.3 at page no. 11-21
	Decision of the Senate: Confirmed
SNT 20.4	Ratification of 6th Convocation of NIT Mizoram held on Dated: 15.11.2022 In consonance to the approval of the Chairman Senate cum Director, NIT Mizoram, the 6 th Convocation was held on 15.11.2022 at Mizoram University Auditorium at Tanhril, Aizawl. Copy of the Order is placed at Annexure – I of SNT 20.4 at page no. 22
	Decision of the Senate: Ratified.
SNT 20.5	Ratification of Awards for Institute Blues, Best Faculty through R&D, Best Thesis Award, Best Officer and Staff that was awarded on the occasion of the 6th Convocation held on 15.11.2022 and Best Teacher Award on the occasion of Teachers' Day on 05.09.2022

As per the 5th and 6th Deans' Committee held on 18.04.2022 and 25.04.2022 respectively and as per Notification issued vide NITMZ/SENATE/18/2022/2836 dated 17.06.2022, Awards for Best Faculty through Research and Development, Best Officer and Best Staff, Best Thesis and Institute Blues which were to be awarded during the celebration of Institute Day held on 20.10.2022 were awarded on the 6th Convocation held on 15.11.2022 due to technical and time constraints, also Best Teachers' Award in Engineering and BS& HSS on account of Teachers' Day held on 05.09.2022 were also awarded.

The following faculty, officer, staff and students were awarded as under-mentioned:

	Name of the Award	Name of the Awardee
1.	Best Teacher Award (Engineering)	Dr. Rudra Sankar Dhar, Associate Professor, Dept. of ECE
2.	Best Teacher Award (BS&HSS):	Prof. Alok Shukla, Professor, Dept. of BS& HSS (Physics)
3.	Best Faculty Award through R & D	Prof. Ajmal KoyaPulikal, Professor, Dept. of BS & HSS (Chemistry)
4.	Best Officer Award	Mrs. LalthianghlimiZote, Deputy Registrar
5.	Best Staff Award	Mr. Benjamin Lalbiakmuana, Superintendent
6.	Best Thesis Award	Mr. Surender Patel, E. No.DT16ME005, Department of Mechanical Engineering
7.	Institute Blues	Mr. Akurathi Praveen Shiva Krishna, E. No. BT18EC015, Dept. of Electronics and Communication Engineering.

The details are placed at **Annexure- I of SNT 20.5 at page no. 23-44.**

Decision of the Senate:

Ratified.

SNT 20.6

Ratification of 3 (three) PhD students conferred PhD Degree in the 6th Convocation

As per approval vide Order No. NITMZ/SNT/19/2022/3550 dated 28.10.2022, 8 (eight) PhD students were to be awarded Degrees in the 6th Convocation. The number of PhD students allowed to be conferred in

the 6th Convocation was further extended till 31.10.2022 for those who had completed their Oral Examination Board (OEB).

Approval of PhD students conferred in the 6th Convocation is place for ratification of the under-mentioned students:

Sl. No	Name of the PhD Degree Awardee	Dept.	Title and Thesis
1	Mr. Surender Kumar Patel, DT16ME005 Supervisor: Dr. Basil Kuriachen Co-Supervisor: Dr. BarnikSaha Roy Chairman DC: Prof. D. Chakraborty External Examiner: Prof. J. Ramkumar	ME	Experimental Investigations into Micro structural, Mechanical and Tribological Properties of WC and ZrSiO ₄ particles Reinforced Aluminium Surface Composite Fabricated through FSP Route
2	Mr. Jonathan Laldinglina Supervisor: Dr. Pabitra Kumar Biswas Chairman DC: Prof. L. Lolit Kumar Singh External Examiner: Prof. Debashis Chatterjee	EEE	Analysis, Design and Control of Active Magnetic Bearing for High-Speed Application
3	Mr. Kuleen Kumar, DT18EC001 Supervisor: Dr. Rudra Sankar Dhar Chairman DC: Prof. L. Lolit Kumar Singh External Examiner: Prof. Brajesh Kumar Kaushik	ECE	Design and Performance Exploration of Heterostructured Triple Strained DGFET for Nanoscale Technology

Copy of the Order is placed at **Annexure – I** of **SNT 20.6** at **page no. 45-50**.

Decision of the Senate:

Ratified.

SNT 20.7

Curtailling of grading system in Research Methodology for Research Scholars

As per the 5th HoDs/Branch/Section Heads with Deans Committee dated 17.08.2022, 'Research Methodology for Research Scholars should be purely on a pass/ fail course with no grading (4 full courses plus Research Methodology = Total Credit -24 for students taking admission

	to PhD on completion of M.Tech while 6 full courses plus Research Methodology = Total Credit -30 for students taking admission to PhD on completion of B.Tech) to be implemented from the on-going Academic Year 2022-23. So Research Methodology to be an Audit course. Copy placed at Annexure- I of SNT 20.7 at Page no.: 51-53.												
	Decision of the Senate: Ratified with Pass/Fail Grading for Research Methodology												
SNT 20.8	State of the Art Seminar for PhD Regulation The 14 th Deans' Meeting dated 20.06.2022 discussed that if the Comprehensive Examination is conducted in the middle of the Semester, it becomes difficult for 6 months count for SOAS. Rather the option suggested is to hold the SOAS within the Semester. Hence the Clause is suggested for revision as..... <i>"A student needs to present a State-of-the-Art Seminar (SOAS) within 24 months of joining for students with Masters' Degree and within 30 months of joining for the students with only Bachelor Degree. The presentation is open to all. In this, he/she presents literature survey and broad plan of research work to be under taken"</i> . Copy placed at Annexure- I of SNT 20.8 at Page no: 54-57. As per Clause 13.1 of the PhD Regulation, the provision is <i>"Within 6 months of the successful completion of the Comprehensive Examination, a student needs to present a State-of-the-Art Seminar (SOAS). The presentation is open to all. In this, he/she presents literature survey and broad plan of research work to be under taken"</i> . Copy placed at Annexure- II of SNT 20.8 at Page no: 58-71.												
	Decision of the Senate: Ratified.												
SNT 20.9	RESULTS OF THE ODD SEMESTER EXAMINATION 2022-2023 This is to place before the Senate the proposal for ratification of the approval of the Chairman, Senate for the ODD Semester Examination Result for the UG Courses which was declared on 02.12.2022. The results are as under- mentioned: <table><tr><th>Sl No.</th><th>Course</th><th>Semester</th><th>No. of Students Appeared</th><th>No. of Students Passed</th><th>No. of Students Failed</th></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	Sl No.	Course	Semester	No. of Students Appeared	No. of Students Passed	No. of Students Failed						
Sl No.	Course	Semester	No. of Students Appeared	No. of Students Passed	No. of Students Failed								

1	B.Tech	III	156	77	79
2	B.Tech	V	139	104	35
3	B.Tech	VII	78	66	12
		Total	373	247	126

The details are placed at **Annexure- I of SNT 20.9 at Page no: 72-125.**

Decision of the Senate:

Ratified.

Re-exams will be conducted as per Academic Calendar.

SNT 20.10

Academic Calendars for B.Tech 1st Semester

This is to place before the Senate, the Academic Calendar for B.Tech 1st Semester, as the admission of JoSAA/ CSAB 2022 was conducted only in Mid-November, 2022 and therefore separate calendar has been prepared and approved by the Chairman, Senate for immediate implementation. Copy placed at **Annexure- I of SNT 20.10 at Page no: 126**

Decision of the Senate:

Ratified

SNT 20.11

Academic Calendar for M.Tech 1st Semester

This is to place before the Senate, the Academic Calendar for M.Tech 1st Semester, as the admission of CCMT 2022 was conducted only in September, 2022 and therefore separate calendar has been prepared and approved by the Chairman, Senate for immediate implementation. Copy placed at **Annexure- I of SNT 20.11 at Page no: 127-128**

Decision of the Senate:

Ratified

SNT 20.12

Presenting to the Senate the number of physical reporting and admission confirmation for 1st year B.Tech through JoSAA/CSAB 2022

This is to place before the Senate the number of physical reporting and admission confirmation for 1st year B.Tech through JoSAA/CSAB 2022.

The numbers of students admitted as per the quota are as under-mentioned:

Sl. No.	Department	Total
1.	Civil Engineering	29
2.	Computer Science Engineering	36
3.	Electrical and Electronics Engineering	29
4.	Electronics and Communication Engineering	35
5.	Mechanical Engineering	28
	Grand Total	157

The quota-wise List is placed at Annexure-I of SNT 20.12 at page no: 129-132

The proposal is therefore, placed before the Senate for information.

Decision of the Senate:

Ratified

SNT 20.13

Direct PhD admission from B.Tech with CGPA > 8.0 with Institute Fellowship without GATE

Dean Academic proposed and initiated while other Departments supported the proposal for **Direct PhD Program from B-Tech**, so the Resolution/Regulation is made for the admission to PhD directly at the end of 3rd year of B-Tech for students having CGPA 8.0 and above applicable only for NIT Mizoram students. The candidates will be waived from the requirement of GATE/NET and will be provided Institute Fellowship for 5 years for completion of PhD. The course work for these candidates will be in accordance with Clause 11.3 of Ph.D Regulation of NIT Mizoram. Copy of MOMs, PhD Regulations and Terms of Reference is placed at **Annexure- I of SNT 20.13 at Page no: 236-243, Annexure- II of SNT 20.13 at Page no: 58-71 and Annexure- III of SNT 20.13 at Page no: 133-134** respectively.

The matter is placed before the Senate for approval


Decision of the Senate:

Approved. To be placed in the forthcoming BOG.

SNT 20.14	<p>Ph.D admission from Master's Degree with Institute Fellowship without GATE</p> <p>Degree candidates in Engineering/ Science/Technology/Humanities and Social Sciences in the allied subjects with a minimum of 60 % and First Class (55% in case of humanities and social sciences) marks or Equivalent CGPA in the Master's Degree will be eligible. For PhD admissions in the full time Regular Category, GATE/NET will not be required for Institute fellowship. This change in Regulation is also proposed keeping in view of less number of applications received for Ph.D on applying the GATE/NET to be mandatory for Fellowship, thereby hampering the progress of research at NIT Mizoram. Thereby, GATE/NET will not be required for Institute fellowship for Master Degree holders to Ph.D in all Departments (Engineering/Technology/Sciences/ Humanities and Social Sciences). Copy of MOMs, Terms of Reference with proposed updated change in Regulation and existing PhD Regulations are placed is placed at Annexure- I of SNT 20.14 at Page no: 135 - 228,Page no: 231-243 and Page no. 58-7</p> <p>The matter is placed before the Senate for approval</p>
	<p>Decision of the Senate:</p> <p>Approved. To be placed in the forthcoming BOG.</p>
SNT 20.15	<p>Introducing and opening of a Centre of Excellence in Interdisciplinary Research</p> <p>In the 34th Deans' Committee dated 12.12.2022; under the aegis of the Director cum Chairman, Senate had decided that a Centre of Excellence in Interdisciplinary Research to be introduced and opened at NIT Mizoram, which was initiated by Dean Academics for developing and bringing in the primary emergent research areas across disciplines under one roof in a collaborative way to work efficiently and smoothly. The issue was brought up and discussed by Dean Academics with all the Department HoDs in a meeting on 22.11.22, copy placed at Annexure - I of SNT 20.15 at Page no: 229-230,for the creation of a Centre for Integrated Programme. Based on the Research Area proposals received from the HoDs, a Centre of Excellence in Interdisciplinary Research is being created and introduced to be in operation. The Centre will have all faculties as the stake holder. No added financial implications will be called for AY 2023-24 and there will be no added infrastructure requirements.</p> <p>The following research areas will be initially focused for collaboration and will henceforth be strengthen under the Centre:</p> <ol style="list-style-type: none"> 1. Smart Grid Technology

	<p>2. Semiconductor for Computational Nanotechnology</p> <p>3. Data Sciences</p> <p>The copy of MOMs submitted by HoDs on the research areas are placed at Annexure- II of SNT 20.15 at Page no: 231-243 and Page no: 58-71</p>
	<p>Decision of the Senate:</p> <p>Approved. To be placed in the forthcoming BOG.</p>
SNT 20.16	<p>REVISION OF INSTITUTE OVERHEAD OF CONSULTANCY WORKS</p> <p>Institute guidelines for "SPONSORED RESEARCH PROJECTS & CONSULTANCY JOBS" Clause no 3.5 of the "Accounting Procedure for Consultancy Projects" needs to be enacted. Therefore, Resolution is made based on the proposal submitted by Dean RC for Consultancy Project under 2 categories (Option 1 and Option 2).</p> <p>Option I (Where the technical expertise of the faculty and the institute facilities are used)</p> <p>Option II (Where only the technical expertise of the faculty or staff is used)</p> <p>Copy of MOMs, Terms of Reference with proposed updated change as Option 1 and Option 2 are placed at Annexure- I of SNT 20.16 at Page no: 231-243</p>
	<p>Decision of the Senate:</p> <p>Approved. To be placed in the forthcoming BOG.</p>
SNT 20.17	<p>ANY OTHER MATTER WITH THE PERMISSION OF THE CHAIR</p> <p>(i) M-Tech in Structural Engineering in the Department of Civil Engineering from Academic Year 2023-2024.</p> <p>The number of seats for the said programme will be within the total number of seats allotted to NIT Mizoram which is 40+EWS</p> <p>(ii) Grading will be independent of the attendance for each courses in B-Tech, M-Tech, PhD programmes from upcoming Semester. The attendance for each course will be considered as below</p> <p>(a) Very Good $\geq 75\%$ and above</p> <p>(b) Good $\geq 40\%$ to $< 75\%$</p> <p>(c) Poor $< 40\%$</p> <p>Attendance not to be disclosed.</p>

	<p>Decision of the Senate:</p> <p>Approved</p>
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 15/12/22
 कुलसचिव/Registrar
 (Dr. LALTHANCHAMI SAILO) रा.प्रौ.सं. मिजोरम
 Registrar NIT Mizoram
 & Secretary, Senate
 National Institute of Technology Mizoram