



**राष्ट्रीय प्रौद्योगिकी संस्थान मिज़ोरम**  
**NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM**  
(An Institution of National Importance under Ministry of Education, Govt. of India)  
चलत्लांग, आइज़ोल, मिज़ोरम / CHALTLANG, AIZAWL, MIZORAM - 796012

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**MINUTES OF MEETING OF THE 23<sup>rd</sup> SENATE, NIT MIZORAM HELD ON  
15<sup>th</sup> SEPTEMBER, 2023 AT 3:00 PM IN THE DIRECTOR'S OFFICE  
CHAMBER, ADMINISTRATIVE BLOCK, NIT MIZORAM**

**Members present:**

1	Prof. S. Sundar Director, NIT Mizoram	Chairman
2	Prof. R. Sarathi, FNAE Dept. of Electrical Engineering, IIT Madras	Member
3	Prof. M. Kamaraj, FNAE Dept. of Materials & Metallurgical Engineering, IIT Madras	Member
4	Prof. Anindita Chakrabarti, Dept. of HSS, IIT Kanpur	Member
5	Dr. Rudra Sankar Dhar, Associate Professor, Dept of ECE HoD CIR and Dean (Acad)	Member
6	Prof. Saibal Chatterjee, Professor, Dept. of EEE and Dean (R&C), NIT Mizoram	Member
7	Prof. Ajmal Koya Pulikkal, Professor (Chemistry) Dept. of BS & HSS and Dean (FW), NIT Mizoram	Member
8	Prof. Alok Shukla, Professor (Physics), Dept. of BS & HSS NIT Mizoram	Member
9	Prof. Ajmal Koya Pulikkal, Professor (Chemistry) Registrar-in-charge, NIT Mizoram	Secretary
10	Dr. Bijayananda Mohanty, Associate Professor Dept. of CE and Dean (P & D), NIT Mizoram	Invitee
11	Dr. Konthoujam Gyanendra Singh, Associate Professor BS&HSS (Economics) and Dean (SW), NIT Mizoram	Invitee
12	Dr. Anagha Bhattacharya, Assistant Professor and HoD in-charge, Dept. of EE, NIT Mizoram	Invitee
13	Dr. Sushanta Bordoloi, Assistant Professor and HoD Dept. of ECE, NIT Mizoram	Invitee
14	Dr. Sandeep Kumar Dash, Assistant Professor and HoD Dept. of CSE, NIT Mizoram	Invitee
15	Dr. Saurav Suman, Assistant Professor and HoD Dept. of ME, NIT Mizoram	Invitee
16	Dr. Sanasam Vipej Devi, Assistant Professor and HoD Dept. of CE, NIT Mizoram	Invitee
17	Dr. Shuchi, Associate Professor (English) and HoD, Dept. of BS & HSS, NIT Mizoram	Invitee
18	Dr. Anumoy Ghosh, Assistant Professor Dept. of ECE and Faculty In-charge, Examination, NIT Mizoram	Invitee
19	Dr. Anagha Bhattacharya, Assistant Professor Dept. of EE and Faculty In-charge, Examination, NIT Mizoram	Invitee

<b>SNT 23.1</b>	<b>Welcome address by the Chairman</b>
	The Chairman, Senate and Director, NIT Mizoram addressed the 23 <sup>rd</sup> Senate by welcoming all the members and the invitees.
<b>SNT 23.2</b>	<b>CONFIRMATION ON THE MINUTES OF THE 22<sup>nd</sup> SENATE MEETING HELD ON 16.06.2023</b>
	<b>Background:</b> This is to place before the Senate the proposal for confirmation of the Minutes of the 22 <sup>nd</sup> Meeting of Senate on 16.06.2023 at NIT Mizoram, Aizawl. Copy of the meeting minutes is placed at <b>Annexure -I of SNT 23.2 at page no. A-I: 1-9.</b>
	<b>Decision of the Senate</b>  <b>Confirmed.</b>
<b>SNT 23.3</b>	<b>TO NOTE THE ACTION TAKEN REPORT ON THE RESOLUTION OF THE 22<sup>nd</sup> SENATE MEETING HELD ON 16.06.2023.</b>  <b>Background:</b> On the basis of the resolution taken during the 22 <sup>nd</sup> Meeting of Senate on 16.06.2023 at NIT Mizoram, Aizawl the Action Taken Report by the Institute is placed at <b>Annexure -I of SNT 23.3 at page no. A-I: 10-17.</b>
	<b>Decision of the Senate</b>  <b>Noted.</b>
<b>SNT 23.4</b>	<b>ACADEMIC CALENDAR FOR 1<sup>st</sup> SEMESTER: ODD SEMESTER (JULY 2023-24).</b>  <b>Background:</b> This is to place before the Senate the proposal for ratification of the approval of the Chairman, Senate for the Academic Calendar for <b>1<sup>st</sup> Year B. Tech and M. Tech of AY 2023-24 commencing from July, 2023.</b>  Copy of the Academic Calendar is placed at <b>Annexure- I of SNT 23.4 at Page: A-I: 18.</b>

## Decision of the Senate

Approved.

Saturday classes are to be adjusted during week days extending the lecture days by 1 more week. Based on this, revised calendar is placed below:

### NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM ACADEMIC CALENDAR 2023-2024 (Autumn Semester) B.Tech/M.Tech (1<sup>st</sup>)

Commencement of classes for B.Tech 1 <sup>st</sup> Sem	: August 21, 2023 (Monday)
Welcome cum Orientation Programme for all 1 <sup>st</sup> Semester Students (B.Tech & M.Tech) (No classes)	: August 23, 2023 (Wednesday)
Classes with Wednesday timetable	: August 26, 2023 (Saturday)
Classes with Tuesday timetable	: September 02, 2023 (Saturday)
Classes with Thursday timetable	: September 09, 2023 (Saturday)
Classes with Thursday timetable	: September 16, 2023 (Saturday)
Classes with Monday timetable	: October 03, 2023 (Tuesday)
Mid-semester examinations B.Tech/M.Tech 1 <sup>st</sup> Semester	: October 09-14, 2023
Classes with Tuesday timetable	: November 04, 2023 (Saturday)
TCF to be submitted by the students	: November 20-25, 2023
Last date for formal teaching, display of attendance & internal marks	: November 24, 2023 (Friday)
End-semester examinations B.Tech/M.Tech 1 <sup>st</sup> Semester	: November 28-04 December, 2023
Last date for submission of final grades on ERP for B.Tech/M.Tech 1 <sup>st</sup> Sem	: December 09, 2023 (Saturday)
Winter vacation (for students)	: December 09, 2023 (Saturday) – January 06, 2023 (Saturday)
Result Publication	: December 12, 2023 (Tuesday)
Re-examinations for B.Tech and M.Tech	: January 08 - 13, 2024 (Monday to Saturday)
Registration for Even semester B.Tech, M.Tech, & Ph.D.	: January 08 - 13, 2024
Commencement of classes	: January 15, 2024 (Monday)
Display of Re-exam results	: January 16, 2024 (Tuesday)
Total Teaching days: 65	

#### Calendar 2023-2024 (Autumn Semester)

August 2023							September 2023							October 2023						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
		01	02	03	04	05								01	02	03	04	05	06	07
06	07	08	09	10	11	12	03	04	05	06	07	08	09	08	09	10	11	12	13	14
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28
27	28	29	30	31			24	25	26	27	28	29	30	29	30	31				
November 2023							December 2023							Important dates						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa							
			01	02	03	04								01	02	TCF submission				
05	06	07	08	09	10	11	03	04	05	06	07	08	09			Holiday				
13	14	15	16	17	18	19	10	11	12	13	14	15	16			Classes with other day time table				
19	20	21	22	23	24	25	17	18	19	20	21	22	23			Examination				
26	27	28	29	30			24	25	26	27	28	29	30							

Dr. R. S. Dhar

(FIC Academic Calendar & Dean, Acad)

SNT 23.5

## REPORT OF PHYSICAL BOOKS & E-BOOKS OF THE CENTRAL LIBRARY.

This is to place before the Senate, Report of Physical Books & E-Books of the Central Library, Nit Mizoram.

A glance at the position of the Central Library is as under-mentioned: -

Sl. No.	Particulars	Position	
		No. of title	No. of Books
1.	Physical Books	1,012	11,845
2.	E-Books	5 nos.	6,790 collections

3.	E-Journal	3 nos.	2,841 collections
4.	Thesis submission		
	a) PhD		35
	b) M. Tech		22
	c) B. Tech		64
5.	Newspapers		06
6.	Magazines		04
<p><b><u>IRINS &amp; VIDWAN:</u></b></p> <p>Central Library has taken initiative to add all the faculty members and researchers with IRINS, a web-based Research Information Management (RIM) service developed by the Information and Library Network (INFLIBNET) Centre. Central Library has created 34 faculty profiles (as on 15.05.2023) and updated by the 9 (nine) departments i.e, Dept. of CE, CSE, EE, ECE, ME, Mathematics, Physics, Chemistry and Humanities and Social Sciences.</p> <p><b><u>PROPOSALS FOR THE UPCOMING YEAR:</u></b></p> <ol style="list-style-type: none"> <li>1. Proposal for INFED</li> <li>2. Proposal for Shodh-Chakra</li> <li>3. RFID Implementation</li> <li>4. Procurement of New Journals</li> <li>5. Proposal for Digital Library set up</li> <li>6. National Digital Library of India</li> </ol> <p>The detailed report of the Central Library of NIT Mizoram is placed at <b>Annexure- I of SNT 23.5 at Page no: A-I: 19-28.</b></p>			
<p><b>Decision of the Senate</b></p> <p>Senate noted the stock of Physical, E-Books &amp; E-Journals available in the Central Library. The members opined that Assistant Librarian should negotiate with the publishers for more offers/benefits in terms of free access to E-journals in addition to the regular discounts the publishers offer. Further, IEEE students forum/charter to be opened.</p>			
SNT 23.6	<p><b>REPORT OF RE-EXAMINATION, EVEN SEMESTER 2022-2023 RESULTS.</b></p> <p><b>Background:</b></p> <p>This is to place before the Senate the proposal for confirmation of the approval of the Chairman, Senate for conducting 2022-2023 EVEN Semester Re-examination (July, 2022-23) Exams of the UG Programme till 2022-23.</p>		

1. **2022-2023 EVEN Semester Re-Examination Results of UG Courses:**

Sl. No.	Course	Semester	No. of Students Appeared	No. of Students Passed	No. of Students Failed
1.	B.Tech	IV	50	21	29
2.	B.Tech	VI	23	16	7
3.	B.Tech	VIII	1	1	0
		<b>Total</b>	<b>74</b>	<b>38</b>	<b>36</b>

The details are placed at **Annexure- I of SNT 23.6 at Page no: A-I: 29-45.**

**Decision of the Senate**

**Noted.**

**SNT 23.7**

**REPORT OF TRAINING AND PLACEMENT FOR AY 2019-23 B.TECH AND AY 2021-2023 M.TECH PROGRAM.**

**Background:**

This is to place before the Senate, the Report of Training and Placement for **B.Tech (2019-23 Batch)** and **M.Tech (2021-2023 Batch)**, NIT Mizoram.

A glance at the position of the **B.Tech and M.Tech Programs Training and Placement for B.Tech (2019-23 Batch) and M.Tech (2021-2023 Batch)**, NIT Mizoram is as under-mentioned: -

Sl. No.	Department	Batch	Eligible Students	Placed Students
1.	B.Tech (CE)	2019-23	17	7
		2018-22	15	4
2.	B.Tech (EE)	2019-23	16	14
		2018-22	22	17
3.	B.Tech (ECE)	2019-23	20	11
		2018-22	16	10
4.	B.Tech (ME)	2019-23	18	13
		2018-22	15	08
5.	B.Tech (CSE)	2019-23	19	15
		2018-22	20	15
6.	M.Tech	2021-23	5	1
		2020-22	19	9

	<p>The general criteria/eligibility for the students of almost all the companies to sit for the placement is to attain 65% without back-log through-out their academic careers.</p> <p>The details report of the Report of Training and Placement for B.Tech (2019-23 Batch) and M.Tech (2021-2023 Batch) is placed at <b>Annexure- I of SNT 23.7 at Page no: A-I: 46-52.</b></p>
	<p><b>Comment of a member of the Senate.</b></p> <p><b>SNT 23.7: Table 6th Row, M.Tech (CSE) second row the year shall be 2020-22 and the number of eligible students needs to be checked and corrected.</b></p>
	<p><b>Decision of the Senate</b></p> <p><b>Noted.</b></p> <p><b>Training &amp; Placement cell should prepare the Placement brochure for the Institute highlighting the core areas of the Department and achievements of successful students. The students must be given proper training in <i>Personality Development</i> from their 6<sup>th</sup> Semester onwards. Training &amp; Placement Cell may invite trainers for the above training. Training &amp; Placement cell must be pro-active in bringing more companies and introduce more flexibility to help the students.</b></p> <ul style="list-style-type: none"> <li><b>i. Correction has been made regarding the year of the M. Tech students.</b></li> <li><b>ii. As per the clarification from the Faculty in-charge T &amp; P, the number of eligible students is correct.</b></li> </ul>
<p><b>SNT 23.8</b></p>	<p><b>REPORT OF INTERNSHIP FOR AY 2020-2024 B.TECH PROGRAM.</b></p> <p><b>Background:</b></p> <p>This is to place before the Senate, Report of Internship for <b>B.Tech (2020-2024 Batch), NIT Mizoram.</b></p> <p>A glance at the position of the <b>B.Tech Programs Internship</b> attended by <b>B.Tech (2020-2024 Batch), NIT Mizoram</b> is as under-mentioned:</p> <p><b>1. Department of Civil Engineering:</b></p> <p>No. of students from 3<sup>rd</sup> Year: <b>01</b> [For 1 month: 01 student]  No. of students from 4<sup>th</sup> Year: <b>28</b>  [For 1 month: 25 students; For 2 months: 03 students]  No. of students got Internship from Internshala: <b>01</b></p> <p><b>2. Department of Computer Science and Engineering:</b></p>

	<p>No. of students from 3<sup>rd</sup> Year: <b>12</b>  [For 1 month: 7 students; For 2 months: 5 students]  No. of students from 4<sup>th</sup> Year: <b>4</b>  [For 1 month: 4 students]  No. of students got Internship from Internshala: <b>NIL</b></p> <p><b>3. Department of Electrical Engineering:</b></p> <p>No. of students from 3<sup>rd</sup> Year: <b>07</b>  [For 1 month: 06 students; For 2 months: 01 student]  No. of students from 4<sup>th</sup> Year: <b>14</b>  [For 1 month: 12 students; For 2 months: 02 students]  No. of students got Internship from Internshala: <b>02</b></p> <p><b>4. Department of Electronics and Communication Engineering:</b></p> <p>No. of students from 3<sup>rd</sup> Year: <b>10</b>  [For 1 month: 08 students; For 2 months: 02 students]  No. of students from 4<sup>th</sup> Year: <b>16</b>  [For 1 month: 07 students; For 2 months: 09 students]  No. of students got Internship from Internshala: <b>05</b></p> <p><b>5. Department of Mechanical Engineering:</b></p> <p>No. of students from 3<sup>rd</sup> Year: <b>10</b>  [For 1 month: 08 students; For 2 months: 02 students]  No. of students from 4<sup>th</sup> Year: <b>17</b>  [For 1 month: 15 students; For 2 months: 02 students]  No. of students got Internship from Internshala: <b>NIL</b></p> <p>The details report of the <b>B.Tech Programs Internship</b> attended by <b>B.Tech (2020-2024 Batch), NIT Mizoram</b> is placed at <b>Annexure-I of SNT 23.8 at Page no: A-I: 53.</b></p>
	<p><b>Decision of the Senate</b></p> <p><b>Noted.</b>  <b>To encourage the internship, Institute may provide TA/DA as per Institute norms to the students for attending Internship programme at out station subjected to the fund availability. The Senate recommended the matter for further approval of FC/BOG.</b></p>
<p><b>SNT 23.9</b></p>	<p><b>REPORTING OF THE ADDITION OF 2(TWO) NEW COURSES FOR Ph.D COURSE- WORK IN THE DEPT. OF ECE.</b></p> <p><b>Background:</b></p>

	<p>This is to report to the Senate the introduction of the 2 (two) new courses for the PhD course-work, in the Dept. of ECE namely:</p> <ol style="list-style-type: none"> <li>i. <b>ECL 3115:</b> Compound Semiconductor (3-0-0)</li> <li>ii. <b>ECL 3119:</b> Semiconductor Device Modeling (3-0-0)</li> </ol> <p>It may be mentioned that the above 2(two) courses were introduced w.e.f. July-Nov 2022 Session of AY 2022-23. This was in line with the approval of the recommendation of the Doctoral Committee (DC) from the Dept. of ECE.</p> <p>The detailed content of the <b>2(two)</b> new Courses for the <b>PhD Coursework</b> in the <b>Dept. of ECE</b> is placed at <b>Annexure-I of SNT 23.9 at page no: A-I: 54-56.</b></p> <p><b>Hence, the Senate may kindly note the matter of report.</b></p>
	<p><b>Decision of the Senate</b></p> <p><b>Noted and approved.</b></p> <p><b>These courses (starting with 3000 series) are existing M.Tech (starting with 2000 series)/Advanced B.Tech (starting with 1000 series) elective courses. The Ph.D students are allowed to take these courses as per the recommendation of the respective DC. Renumbering of the course is not required.</b></p>
<p><b>SNT 23.10</b></p>	<p><b>REPORTING OF THE NEW COURSES FOR Ph.D COURSE- WORK IN THE IN THE DEPT. OF EE.</b></p> <p><b>Background:</b></p> <p>This is to report to the Senate the introduction of the new courses for the PhD course-work, in the Dept. of EE namely:</p> <ol style="list-style-type: none"> <li>i. <b>EEL 3X01:</b> Research methodology (3-0-0)</li> <li>ii. <b>EEL 3X02:</b> Advanced Power Electronics Converters and Machine Drives (3-0-0)</li> <li>iii. <b>EEL 3X04:</b> Energy Storage and Conversion (3-0-0)</li> <li>iv. <b>EEL 3X05:</b> Control of Special Machine Drives (3-0-0)</li> <li>v. <b>EEL 3X09:</b> Electric Vehicles in Smart Grid (3-0-0)</li> <li>vi. <b>EEL 3X10:</b> Advanced Electric Drives &amp; Control (3-0-0)</li> <li>vii. <b>EEL 3X11:</b> Microgrid Dynamics and Control (3-0-0)</li> <li>viii. <b>EEL 3X13:</b> Control &amp; Integration of Renewable Energy Sources (3-0-0)</li> <li>ix. <b>EEL 3X14:</b> Advanced Power Electronics Converters (3-0-0)</li> <li>x. <b>EEL 3X15:</b> Computer- Aided Power System Analysis (3-0-0)</li> <li>xi. <b>EEL 3X16:</b> Adaptive Control Systems (3-0-0)</li> <li>xii. <b>EEL 3X17:</b> Nonconventional and Distributed Energy Sources (3-0-0)</li> </ol>



	<p>This was in line with the approval of the recommendation of the Board of Studies (BOS) Dept. of EE.</p> <p>The detailed content of the new Courses for the <b>PhD Coursework</b> in the <b>Dept. of EE</b> is placed at <b>Annexure-I of SNT 23.10 at page no: A-I: 57-71.</b></p> <p><b>Hence, the Senate may kindly note the matter of report.</b></p>
	<p><b>Decision of the Senate</b></p> <p><b>Noted and approved.</b></p> <p><b>These courses (starting with 3000 series) are existing M.Tech (starting with 2000 series)/Advanced B.Tech (starting with 1000 series) elective courses. The Ph.D students are allowed to take these courses as per the recommendation of the respective DC. Renumbering of the course is not required.</b></p>
<p><b>SNT 23.11</b></p>	<p><b>REPORTING OF THE ADDITION OF 2(TWO) NEW COURSES FOR Ph.D COURSE- WORK IN THE DEPT. OF ME.</b></p> <p><b>Background:</b></p> <p>This is to report to the Senate the introduction of the 2 (two) new courses for the PhD course-work, in the Dept. of ME namely:</p> <ul style="list-style-type: none"> <li>i. <b>MEL 3173: Solid Mechanics (3-0-0)</b></li> <li>ii. <b>MEL 3174: Mechatronics (3-0-0)</b></li> </ul> <p>It may be mentioned that the above 2 (two) courses were introduced w.e.f July-Nov 2022 Session of AY 2022-23. This was in line with the approval of the recommendation of the Doctoral Committee (DC) from the Dept. of ME.</p> <p>The detailed content of the <b>2 (two)</b> new Courses for the <b>PhD Coursework</b> in the <b>Dept. of ME</b> is placed at <b>Annexure-I of SNT 23.11 at page no: A-I: 72.</b></p> <p><b>Hence, the Senate may kindly note the matter of report.</b></p>
	<p><b>Decision of the Senate</b></p> <p><b>Noted and approved.</b></p> <p><b>These courses (starting with 3000 series) are existing M.Tech (starting with 2000 series)/Advanced B.Tech (starting with 1000 series) elective courses. The Ph.D students are allowed to take these courses as per the recommendation of the respective DC. Renumbering of the course is not required.</b></p>

**SNT 23.12 PRESENTING TO THE SENATE THE LIST OF GOLD MEDALIST OF B.TECH 2019-2023.**

**Background:**

This is to place before the Senate the list of Department –wise Gold Medalists of B.Tech 2019-23 Batch and the UG/B.Tech Institute Gold Medalist.

- i. **Department of Civil Engineering:**  
Name of the student/Gold Medalist: **Saurav Roy**  
Enroll No. **BT19CE020**  
CGPA: **9.28**
- ii. **Department of Computer Science & Engineering:**  
Name of the student/Gold Medalist: **Niraj Kumar**  
Enroll No. **BT19CS031**  
CGPA: **9.35**
- iii. **Department of Electrical & Electronics Engineering:**  
Name of the student/Gold Medalist: **Ayushi Rajshekhar**  
Enroll No. **BT19EE004**  
CGPA: **9.13**
- iv. **Department of Electronic & Communication Engineering:**  
Name of the student/Gold Medalist: **Kaustubh Mani**  
Enroll No. **BT19CE011**  
CGPA: **8.47**
- v. **Department of Mechanical Engineering:**  
Name of the student/Gold Medalist: **Abhinandan**  
Enroll No. **BT19ME001**  
CGPA: **9.75**

**UG/B.Tech Institute Gold Medalist**

Name of the student/Gold Medalist: **Abhinandan**  
Enroll No. **BT19ME001**  
CGPA: **9.7**

The List of B.Tech and M.Tech Degrees to be conferred for the upcoming Convocation is placed at **Annexure - I of SNT 23.12 at page no: A-I: 73.**

The number of students to be conferred Degree is as under: -

Sl. No.	Programme	Appeared	Passed	Failed
1.	B.Tech Degree (2019-23 Batch)	108	102	06
2.	M.Tech Degree (2021-23 Batch)	05	05	00
	<b>TOTAL</b>	<b>113</b>	<b>107</b>	<b>06</b>

	<p><b>Comment of a member of the Senate.</b></p> <p><b>SNT 23.12: Table last row, M. Tech year shall be 2021-23.</b></p>
	<p><b>Decision of the Senate</b></p> <p><b>Approved. The Senate recommended the matter for further approval of the BOG.</b></p> <p><b>Correction has been made.</b></p>
<b>SNT 23.13</b>	<p><b>PRESENTING TO THE SENATE THE LIST OF GOLD MEDALIST OF M.TECH 2021-2023.</b></p> <p><b>Background:</b></p> <p>This is to place before the Senate the list of Department -wise Gold Medalists of M.Tech 2021-23 Batch and the UG/B.Tech Institute Gold Medalist.</p> <p>It may be mentioned that as per the M. Tech Program Curricula 2016-17 under Clause 21.1 (ii) goes as – “For the award of a Gold Medal for any programme, a candidate must have a minimum CGPA<math>\geq</math>8, irrespective of the number of students graduating from the Department/ Programme.”</p> <p>Further, as decided by the 12<sup>th</sup> Senate meeting under SNT 12.17 and the 15<sup>th</sup> Senate meeting under SNT 15.13- <b>“for the award of PG Institute Gold Medal for students passing out from 2020-21 onwards, the minimum number of students passing out would be 30% of the total strength”</b>.</p> <ol style="list-style-type: none"> <li><b>1. Dept. of Computer Science Engineering:</b> Dept. of CSE had only 1(one) student pass-out in 2023 batch hence Gold-Medal cannot be given to a single student as the decision mentioned above.</li> <li><b>2. Department of Electronics &amp; Communication Engineering:</b> Name of the student/Gold Medalist: <b>Kishan Mishra</b> Enroll No. <b>MT21EC003</b> CGPA: <b>8.79</b> The <b>Branch-wise Merit List</b> is placed at <b>Annexure-I of SNT 23.13 at page no.: A-I: 73.</b></li> </ol>
	<p><b>Decision of the Senate</b></p> <p><b>Approved. The Senate recommended the matter for further approval of the BOG.</b></p>

SNT 23.14	<b>REPORT OF AWARD OF Ph.D DEGREE AFTER THE LAST SENATE i.e., 20<sup>th</sup> MEETING OF SENATE.</b>		
<b>Background:</b>			
This is to inform the Senate of the development which has taken place after the last Senate meeting regarding award of PhD degrees. There are 10 (ten) candidates that has been awarded Ph.D degree and whose names, department and title of the thesis are given below:			
Sl. No	Name of the Ph.D Degree awardee	Department	Title and Thesis
1.	Mr. Nitesh Kumar Singh DT17EC003 Oral Exam: 27.11.2022 <b>Supervisor:</b> Dr. Chaitali Koley <b>Co-Supervisor:</b> Dr. Sadhan Gope <b>Chairman DC:</b> Prof. Saibal Chatterjee <b>External Examiner:</b> Prof. R. K. Saket	<b>ECE</b>	'Study and Analysis of the Impacts of Wind Energy and Energy Storage Systems in Competitive Power Market'.
2.	Mr. Suman Jana DT16EE002 Oral Exam: 27.12.2022 <b>Supervisor:</b> Dr. Pabitra Kumar Biswas <b>Chairman DC:</b> Prof. Debashis Chatterjee <b>External Examiner:</b> Prof. Debapriya Das	<b>EE</b>	'An improved model to harvest energy from high-voltage lightning sure'.
3.	Mr. Renjith Krishnan DT17ME004 Oral Exam: 07.11.2022 <b>Supervisor:</b> Dr. H. Lalhmingsanga <b>Co-Supervisor:</b> Prof. Rajat Gupta <b>Chairman DC:</b> Prof. U. K. Saha <b>External Examiner:</b> Prof. Anil Verma	<b>ME</b>	'Production, Characterization and Testing of Bamboo Biodiesel in a Variable Compression Ratio Engine'.
4.	Mr. Gokul Gopan DT17ME007 Oral Exam: 11.08.2023 <b>Supervisor:</b> Dr. H. Lalhmingsanga	<b>ME</b>	'Numerical Modelling, Simulation and Experimental Investigation of Biomass Gasification

	<b>Co-Supervisor:</b> Dr. Pankaj Kalita <b>Chairman DC:</b> Prof. Rajat Gupta <b>External Examiner:</b> Prof. Sudipta De		in a Double Tapered Bubbling Fluidized Bed Reactor using Bamboo Biomass’.
5.	Ms. Nand Kumar DT17ME001 Oral exam: 22.12.2022 <b>Supervisor:</b> Dr. Bidesh Roy <b>Co-Supervisor:</b> Dr. Bachu Deb and Dr. B. Ganguli <b>Chairman DC:</b> Prof. Rajat Gupta <b>External Examiner:</b> Prof. Pankaj Biswas	<b>ME</b>	‘Improvement of Surface and Tribological Properties of EN8, EN24, and EN41B Steel by Active Screen Plasma Nitriding’.
6.	Mr. Dipankar Saha DT17ME006 Oral Exam: 12.05.2023 <b>Supervisor:</b> Dr. Bidesh Roy <b>Chairman DC:</b> Prof. Rajat Gupta <b>External Examiner:</b> Dr. Atul Dhar	<b>ME</b>	‘Assessing the Potential of Emulsified Plastics Oil for CI Engine with Emphasis on Performance Improvement and Emission Reduction’.
7.	Mr. Prasata Majumder DT17ME003 Oral Exam: 15.05.2023 <b>Supervisor:</b> Dr. Bachu Deb <b>Co-Supervisor:</b> Prof. Rajat Gupta <b>Chairman DC:</b> Prof. Swapan Bhaumik <b>External Examiner:</b> Prof. Arunabha Chanda	<b>ME</b>	‘Drying of Selected Species in a Solar Assisted Fluidized Bed Dryer Integrated with Liquid Desiccant Air Dehumidifier: Investigation of Drying Kinetics and Product Quality’.
8.	Ms. Pauline Lalthlamuanpuii DH17HS001 Oral Exam: 20.12.2022 <b>Supervisor:</b> Dr. Shuchi <b>Chairman DC:</b> Prof. K. C. Lalthlamuani <b>External Examiner:</b> Prof. T. Ravi Chandran	<b>BS&amp;HSS (English)</b>	‘Voice of Afghan Women: Women and Identity in Literature of Afghanistan’.
9.	Mr. Lalengkima DH17HS004 Oral Exam: 09.08.2023	<b>BS&amp;HSS</b>	

	<b>Supervisor:</b> Dr. K. Gyanendra Singh <b>Chairman DC:</b> Prof. L. Sashikumar Sharma <b>External Examiner:</b> Dr. Inder Sekhar Yadav	<b>(Economics)</b>	'Farmer Producer Organisations (FPOs) in Mizoram: A Case Study'.
10.	Mr. Mohan Bir Subba DS17MA001 Oral Exam: 03.02.2022 <b>Supervisor:</b> Dr. Vinay Singh <b>Chairman DC:</b> Prof. Jamal Hussain <b>External Examiner:</b> Prof. V. Vetrivel	<b>BS&amp;HSS (Mathematics)</b>	'Addressing the Challenges in Mathematical Information Retrieval from Scientific Documents'.
<p>The Senate may take note of it and approve the proposal for awarding the Degrees shall be placed when the Institute organizes the Convocation.</p> <p>The details are placed at <b>Annexure-I of SNT 23.14</b> at page no.: <b>A-I: 74-84</b>.</p>			
<p><b>Decision of the Senate</b></p> <p><b>Approved. The Senate recommended the matter for further approval of the BOG.</b></p>			
SNT 23.15	<p><b>PLACING THE CASE OF Mr. CHANDAN KUMAR – DT19EE007, FULL-TIME (REGULAR) Ph.D SCHOLAR, DEPT. OF EE.</b></p> <p><b>Background:</b></p> <p>Application is received from Mr. Chandan Kumar-DT19EE007, Full-Time PhD Scholar, Dept. of EE, under the Supervision of Prof. Saibal Chatterjee, Professor and Dean (R &amp; C) for the approval of Academic Leave for PhD related Laboratory works for the period of 96 days at Jadavpur University during 26.06.2023 to 29.09.2023. The scholar will work under the guidance of the Co-Supervisor Dr. Debangshu Dey, Asst. Professor, Dept. of EE, Jadavpur University.</p> <p>The PhD scholar had taken admission in the EVEN Semester 2019-20 and as per Clause 17.3.2 of the PhD Regulation,</p> <p><i>“Academic leave of more than 60 days but up to a maximum of 12 months is also permissible to carry out part of the research in another institute/R&amp;D Lab/industry in India or abroad. For sanction</i></p>		

	<p><i>of such a leave, a letter of consent from the host institute is required. This leave is permissible ..... research work at NIT Mizoram.</i></p> <p><i>On recommendations of the Supervisor, the DC and the Chairman, Senate approves such an academic leave. Such cases are also to be reported to the Senate. A student granted academic leave for one or more semesters, pays prescribed fees in every semester. If a registration date falls during the period of academic leave, a student completes the registration procedures at the expiry of his/her academic leave”.</i></p> <p>As per the decision of the 22<sup>nd</sup> Senate Meeting, Clause SNT 22.6, <b>“It is iterated that Presentation(s) of 1hr duration to be given to the Institute by all such Research Scholars after their return from Academic Leave, in writing and to submit a report to the Registrar and Dean (R &amp; C)”.</b></p> <ol style="list-style-type: none"> <li>1. As required by the Regulations, consent letter was obtained from the Research Institute.</li> <li>2. Academic Leave was therefore, allowed <i>w.e.f.</i> 26.06.2023 to 29.09.2023.</li> <li>3. 1 hour presentation shall be prepared by the student on return from the said Academic Leave.</li> </ol> <p>As required by the PhD Regulation, the Senate is hereby informed of the action taken by the Chairman, Senate. The details are placed at <b>Annexure- I of SNT 23.15 at page no.: A-I: 85-87.</b></p>
	<p><b>Decision of the Senate</b></p> <p><b>Approved.</b></p>
<p><b>SNT 23.16</b></p>	<p><b>PLACING THE CASE OF Ms. KULSUMA SALAM – DT22CE004, FULL-TIME (REGULAR) Ph.D SCHOLAR, DEPT. OF CIVIL ENGINEERING.</b></p> <p><b>Background:</b></p> <p>Application is received from Ms. Kulsuma Salam-DT22CE004, Full-Time PhD Scholar, Dept. of CE, under the Supervision of Dr. Bijayananda Mohanty, Assoc. Professor and Dean (P &amp; D) for the approval of Academic Leave for PhD related Laboratory works for the period of 60 days at NIT Srinagar during 30.05.2023 to 28.07.2023. The seats had been reserved for the Scholar for the research work with the consultation of the Co-Supervisor Prof. Mohammad Shafi Mir.</p>

	<p>The PhD scholar had taken admission in the ODD Semester 2022-23 and as per Clause 17.3.2 of the PhD Regulation,</p> <p><i>“Academic leave of more than 60 days but up to a maximum of 12 months is also permissible to carry out part of the research in another institute/R&amp;D Lab/industry in India or abroad. For sanction of such a leave, a letter of consent from the host institute is required. This leave is permissible ..... research work at NIT Mizoram.</i></p> <p><i>On recommendations of the Supervisor, the DC and the Chairman, Senate approves such an academic leave. Such cases are also to be reported to the Senate. A student granted academic leave for one or more semesters, pays prescribed fees in every semester. If a registration date falls during the period of academic leave, a student completes the registration procedures at the expiry of his/her academic leave”.</i></p> <p>As per the decision of the 22<sup>nd</sup> Senate Meeting, Clause SNT 22.6, <b>“It is iterated that Presentation(s) of 1hr duration to be given to the Institute by all such Research Scholars after their return from Academic Leave, in writing and to submit a report to the Registrar and Dean (R &amp; C)”.</b></p> <ol style="list-style-type: none"> <li>1. As required by the Regulations, consent letter was obtained from the Research Institute.</li> <li>2. Academic Leave was therefore, allowed <i>w.e.f.</i> 30.05.2023 to 28.07.2023.</li> <li>3. 1 hour presentation shall be prepared by the student on return from the said Academic Leave.</li> </ol> <p>As required by the PhD Regulation, the Senate is hereby informed of the action taken by the Chairman, Senate.</p> <p>The details are placed at <b>Annexure- I of SNT 23.16 at page no.: A-I: 88-89.</b></p>
	<p><b>Decision of the Senate</b></p> <p><b>The Chairman, Senate informed the members that there are 3 such cases (Ms. Kulsuma Salam-DT22CE004, Mr. Zahir Iqbal-DT22CE005, Ms. Tabish Mehraj-DT22CE001). The Senate approved the Academic leave of all the 3 research scholars. The Scholars must submit the letter from the co-supervisor/Institute fairly mentioning they were present in the Organization.</b></p>



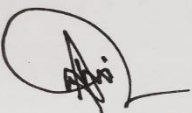
<p><b>SNT 23.17</b></p>	<p><b>PLACING THE CASE OF Mr. RENTACHINTALA RAGHUNADHA SASTRY- DT20EE003, PART-TIME Ph.D SCHOLAR, DEPT. OF EE.</b></p> <p><b>Background:</b></p> <p>Application is received from Mr. Rentachintala Raghunadha Sastry-DT20EE003, Part-Time PhD Scholar, Dept. of EE, under the Supervision of Prof. Saibal Chatterjee, Professor and Dean (R &amp; C) for the approval of Academic Leave for 1 year (break of 2 Semester)/Semester Drop i.e., ODD and EVEN Semester 2023-2024, as per PhD Regulation Clause 15.4, on the recommendation of the Supervisor.</p> <p>The PhD scholar had taken admission in the ODD Semester 2020-21 and as per Clause 15.4 of the PhD Regulation,</p> <p><i>“Semester drop: Up to two semesters may be dropped in the entire duration of the PhD Programme, on bonafide grounds. Except on medical grounds, semester drop is not permissible before successful completion of Comprehensive Examination by a student”.</i></p> <p><i>“On recommendation of the Supervisor, the Chairman, Senate approves a semester drop. Cases of semester drop are reported to the Senate. No assistantship is provided during the period of a semester drop. The period of semester drop is not counted in the prescribed time limit for completion of the PhD Programme.”</i></p> <p>The Scholar has requested for Semester Drop of 2 Semesters due to his personal problems as provisioned in the Institute Ph.D Regulation.</p> <p>The Scholar had done his 1<sup>st</sup> Progress Seminar on 19<sup>th</sup> December, 2022. The details are placed at <b>Annexure- I of SNT 23.17 page no.: A-I: 90-91.</b></p>
	<p><b>Decision of the Senate</b></p> <p><b>Approved.</b></p>
<p><b>SNT 23.18</b></p>	<p><b>CHANGES IN Ph.D REGULATION.</b></p> <p><b>Background:</b></p> <p>This is to place before the Senate, the changes proposed for implementation on immediate basis with retrospective effect for PhD Regulation Clause 10.1 Doctoral Committee (DC) and Clause 9.1 Change/Addition of Supervisor.</p>

Clause	Existing	Proposed
10.1 (i)	<p><b>DC Chairman:</b> Professor/Associate Professor of the Department nominated by the Head of the department/Professor or Associate Professor from other Central Universities /Central Institutes or Universities/ Institutes of Repute.</p>	<p><b>DC Chairman:</b> Head of the concerned Departments shall be the Chairman of the Doctoral Committee (DC) of their respective Departments.</p>
9.1	<p>If the Supervisor goes on leave / retire / resign, the co-supervisor from the Institute acts as the supervisor and the supervisor will act as co-supervisor. In case of single supervisor, a supervisor from the Institute will be approved by Chairman, Senate on the recommendation of the DC if required. Else the Head of the Department/ Centre looks after the routine administrative issues till another supervisor is approved by Chairman, Senate on the recommendation of the DC if required.</p>	<p>If the Supervisor goes on leave / retire / resign, the co-supervisor from the Institute acts as the supervisor and the supervisor will act as co-supervisor. In case of single supervisor, a supervisor from the Institute will be approved by Chairman, Senate on the recommendation of the DC if required. Else the Head of the Department/ Centre looks after the routine administrative issues till another supervisor is approved by Chairman, Senate on the recommendation of the DC if required (Pre PhD thesis submission). In case of single supervisor, post PhD thesis submission, the concerned Head of Department/Centre shall be the Local Supervisor.</p>
<p><b>Note pertaining to clause 10.1 (i):</b> "This will also be applicable for the existing PhD students' DC also. Any existing DC Chairman/ Member still need to be included in the reconstituted DC shall be allowed with proper</p>		

	<p>justification from the concerned Supervisor subject to approval of the Chairman Senate (Pre PhD thesis submission).</p> <p>DC need not be changed in respect to PhD students who have submitted their PhD thesis”.</p> <p>The details are placed at <b>Annexure- I of SNT 23.18 at Page no.: A-I: 92-97.</b></p>
	<p><b>Decision of the Senate</b></p> <p><b>Approved.</b></p>
<p><b>SNT 23.19</b></p>	<p><b>PROPOSAL FOR REVISION FOR UPDATING THE M.TECH &amp; Ph.D REGULATIONS.</b></p> <p><b>Background:</b></p> <p>This is to place before the Senate the proposal for revision of Academic Rules and Regulations as suggested by the Core Committee on Re-Visiting Regulations of B.Tech, M.Tech and Ph.D as under-mentioned:</p> <p>i. <b>Upgradation from M.Tech to Ph.D:</b> For candidates taking admission into M.Tech at NIT Mizoram programme, they may opt for Ph.D programme after completion of the <b>1st year in M.Tech if they have CGPA 7.5 or above in the 1st year of M.Tech.</b> Thereafter, they shall be governed by Ph.D Rules and Regulations.</p> <p>Such candidates shall get Institute stipend as per the Institute norms without the requirement of GATE. This facility will be enforced depending upon the vacant full-time regular Ph.D slots in the concerned departments. To be included as an additional new clause as <b>“Clause 24- Opportunities in M.Tech Rules &amp; Regulations”.</b></p> <p>ii. <b>M. Tech Thesis Supervisor:</b> M.Tech Project Supervisor must be decided after the completion of the 1st Semester. M.Tech 2nd semester registration is to be done on submission of mutual consent form signed by both the candidate and supervisor.</p> <p>To be included this as an additional new clause as <b>“Clause 7- M. Tech Thesis Supervisor in M.Tech Rules &amp; Regulations”.</b></p> <p>iii. <b>Ph.D Course-work:</b> Candidates after completing M.Tech programme (including Dual-Degree) from NIT Mizoram shall do only Research Methodology as a compulsory course work in Ph.D, other course work credits for Ph.D will not be required. However, additional course work may be assigned by the respective Supervisor. To be included as an additional new clause as <b>“Clause 11.8 – Course-work”.</b></p>

	<p>iv. <b>Ph.D Doctoral Committee:</b> If a faculty member (not on Lien/ deputation) who is a Supervisor to any PhD student tenders resignation, the Doctoral Committee shall be dissolved immediately. New Supervisor(s) of the candidate will be appointed by the Chairman, Senate.</p> <p>This is to be included as an additional new clause as “<b>Clause 10.6 – Doctoral Committee</b>”.</p> <p>The details from Regulation Committee Minutes are placed at <b>Annexure- I of SNT 23.19 at page no.: A-I: 98-140.</b></p>
	<p><b>Decision of the Senate</b></p> <p>i) <b>Approved with modification of minimum CGPA of 8 instead of 7.5.</b></p> <p>ii) <b>Approved.</b></p> <p>iii) <b>Approved.</b></p> <p>iv) <b>Approved.</b></p>
<p><b>SNT 23.20</b></p>	<p><b>ANY OTHER MATTER WITH THE PERMISSION OF THE CHAIR.</b></p> <p>i) <b>Placing the case of Mr. Benjamin Lalbiakmuana-DS20CH007, Part-Time Ph.D Scholar (Chemistry), Dept. of BS &amp; HSS.</b></p> <p><b>Background:</b></p> <p>Application is received from Mr. Benjamin Lalbiakmuana-DS20CH007, Part-Time PhD Scholar, Dept. of BS &amp; HSS, under the Supervision of Prof. Ajmal Koya Pulikkal, Professor and Dean (FW) for the approval of 2 Semester Drop, as per PhD Regulation Clause 15.4, on the recommendation of the Supervisor.</p> <p>The Scholar has requested for Semester Drop of 2 Semesters due to his medical problem and being burdened with Admin &amp; Estt. Works at NIT Mizoram due to acute shortage of staff.</p> <p>The Scholar had done his Comprehensive Examination on 11<sup>th</sup> June, 2021.</p> <p>The details are placed at <b>Annexure.</b></p> <p>ii) <b>Placing the case of Ms. Silpee Talukdar-DT19EC018, Part-Time Ph.D Scholar, Dept. of ECE.</b></p>

	<p><b>Background:</b></p> <p>Application is received from Ms. Silpee Talukdar-DT19EC018, Part-Time PhD Scholar, Dept. of ECE, under the Supervision of Dr. Rudra Sankar Dhar, Assoc. Professor and Dean (Acad) for the approval of 1 Semester Drop, as per PhD Regulation Clause 15.4, on the recommendation of the Supervisor.</p> <p>The Scholar has requested for Semester Drop of 1 Semesters due to her medical problems and other family issues.</p> <p>The Scholar had done her progress till 2<sup>nd</sup> Progress Seminar on 28<sup>th</sup> July, 2022.</p> <p>The details are placed at <b>Annexure.</b></p> <p>iii) <b>Proposal for Engaging Visiting Faculty of Practice.</b></p> <p><b>Background:</b></p> <p>As per verbal information, a proposal is being placed to engage Visiting Faculty of Practice from the Industry. This will help for collaboration with the existing Faculties of NIT Mizoram on Industrial aspect of Research. Visiting Faculty of practice will be a personal from a reputed Industry and will also be taking 1(one) course in each Semester. The Faculty will be physically present at NIT Mizoram and will help and support the regular faculties of the Institute in Industrial Research and collaboration.</p>
	<p><b>Decision of the Senate</b></p> <p>i) <b>Approved.</b></p> <p>ii) <b>Approved.</b></p> <p>iii) <b>Approved. Norms/Business rules to be framed. The Senate recommended the matter for further approval of the FC/BOG.</b></p>

  
 (Prof. AJMAL KOYA PULIKKAL)  
 Registrar-in-Charge & Secretary, Senate  
 National Institute of Technology Mizoram  
 कुलसचिव/Registrar  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram