राष्ट्रीय प्रौद्योगिकी संस्थान मिज़ोरम
NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM
(An Institution of National Importance under Ministry of Education, Govt. of India)
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MINUTES OF MEETING OF THE 29th MEETING OF SENATE, NIT MIZORAM HELD ON 16.04.2025 AT 3:00 PM AT NIT MIZORAM

Members present:

Sl. No.	Name and Designation	Position
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. Saibal Chatterjee Dean (R&C) and Professor, Department of EE, NIT Mizoram	Member
5	Prof. Ajmal Koya Pulikkal Dean (FW) and Professor (Chem), Dept. of BS&HSS, NIT Mizoram	Member
6	Prof. Konthoujam Gyanendra Singh Dean (Admin. & SW) and Professor (Economics), Deptt. of BS & HSS, NIT Mizoram	Member
7	Dr. Sukanta Roy Dean (Academics) and Associate Professor, Department of ME, NIT Mizoram	Invitee
8	Dr. H. Lalhmingsanga Dean (P&D) and Associate Professor, Department of ME, NIT Mizoram	Invitee
9	Dr. Shuchi Kaparwan HoD and Associate Professor (English), Department of BS & HSS, NIT Mizoram	Invitee
10	Dr. Vanapalli Kumar Raja HoD and Assistant Professor Grade – II, Department of CE, NIT Mizoram	Invitee
11	Dr. Lenin Laitonjam HoD and Assistant Professor Grade-I, Department of CSE, NIT Mizoram	Invitee
12	Dr. Ramesh Kumar HoD and Assistant Professor Grade-I, Department of EE, NIT Mizoram	Invitee
13	Dr. K Vanlalawmpuia HoD and Assistant Professor Grade-II, Department of ECE, NIT Mizoram	Invitee
14	Dr. Bidesh Roy HoD and Associate Professor, Department of ME, NIT Mizoram	Invitee
15	Dr. Lalhruaizela Assistant Professor & Head, Centre for Interdisciplinary Research NIT Mizoram	Invitee
16	Dr. Anumoy Ghosh Faculty In-Charge, Examinations and Assistant Professor Grade-I, Department of ECE, NIT Mizoram	Invitee
17	Prof. Ajmal Koya Pulikkal Registrar-In-Charge, NIT Mizoram	Secretary

Leave of absence is granted to Prof. Anindita Chakrabarti, Deptt. of Humanities & Social Science, IIT Kanpur and Prof. Alok Shukla, Professor (Physics), Department of BS & HSS, NIT Mizoram on account of their pre-occupation.

SNT 29.1	**Welcome address by the Chairman, Senate**
	The Chairman, Senate addressed 29th Meeting of Senate by welcoming all the members and Invitees present.
SNT 29.2	**Confirmation of the Minutes of the 28th Meeting of Senate held on 10.12.2024** **Background:** This is to place before the Senate the proposal for confirmation of the Minutes of the 28th Meeting of Senate held on 10.12.2024 at NIT Mizoram, Aizawl. Copy of the Meeting Minutes is placed at **Annexure – I of SNT 29.2 at Page No. 1 – 14.** Proposal is placed before the Senate to confirm the Minutes of the 28th Meeting of the Senate held on 10.12.2024
	Decision of the Senate: Confirmed.
SNT 29.3	**To note the Action Taken Report on the resolution of the 28th Meeting of Senate, NIT Mizoram held on 10.12.2024.** **Background:** On the basis of the resolution taken by the 28th Meeting of Senate held on 10.12.2024 at NIT Mizoram, Aizawl, the Action Taken Report of the Institute is placed at **Annexure – I of SNT 29.3 at Page No. 15 – 29.** The Senate may note the Action Taken by the Institute against the resolution of the 28th Meeting of the Senate held on 10.12.2024
	Decision of the Senate: Noted.
SNT 29.4	**Report of the Central Library, NIT Mizoram** **Background:** This is to place before the Senate, **Report 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	1,023	12,992 (over 500 books in reference)
2.	E-Books	5 nos.	6,790 collections
3.	E-Journal	3 nos.	2,841 collections
4.	Thesis submission: PhD	53	
5.	Newspapers	6 nos.	12 copies (2 each)
6.	E-Databases	Jstor & MathSciNet	
7.	Reference Assistant software	Grammarly & Turnitin	

	The Ph.D. thesis have been plagiarism checked through Turnitin software and 34 thesis have been successfully uploaded in the Sodhganga Repository of the Information and Library Network Centre. **IRINS &VIDWAN:** 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. The Central Library has created 38 faculty profiles (as on 19.08.2024) and updated by the 9 (nine) Departments i.e, Dept. of CE, CSE, EE, ECE, ME, Mathematics, Physics, Chemistry and Humanities and Social Sciences. **SODHCHAKRA:** The University Grand Commission (UGC) has launched an initiative, Shodhchakra along with Information and Library Network (INFLIBNET), NIT Mizoram has signed MoU with INFLIBNET Centre and successfully implemented Sodhchakra. The Sodhchakra provides unique space to the researcher, guide/ supervisor and Institute to manage the research lifecycle of a research work. **KNIMBUS:** Central Library has introduced the new e-library software Knimbus. It is a digital Library Solution, which will assist in attending key challenges to the digital library in the present condition. **GRAMMARLY SOFTWARE:** The Central Library has procured Grammarly software for better writing skills of the users of NIT Mizoram. The detailed report of the Central Library of NIT Mizoram is placed at **Annexure - I of SNT 29.4 at Page No. 30 – 37.** The matter is place in the Senate for information.
	The agenda as length and approved as under: 1. **Total no. of physical books for each discipline such as Department of CE, CSE, ECE, EE, ME and BS&HSS etc. are to be presented by the library in the next Senate.** 2. **Total no. of e-books for each discipline to be presented separately by the library in the next Senate.** 3. **Purchase of different editions for the same book shall be avoided.** 4. **Books for the competitive exams such as GATE, PSU, UPSC, SSC and CAT etc. shall be procured in the library.** 5. **Books related to Artificial Intelligence shall be procured in the library, aligned with NEP 2020.**
SNT 29.5	**Report of Training and Placement Office** **Background:** This is to place before the Senate, Report of placement for B. Tech (2021-2025 Batch), NIT Mizoram. as under-mentioned:

OVERALL Placement Percentage (2021-2025 Batch) – [B. Tech] – April 2025

Total Students Registered	Total Students Placed	Placement Percentage	Average Salary Package (CTC)	Highest Salary Package (CTC)
94	75	80%	7.5 LPA	21 LPA

The detailed report of placement for B. Tech (2021-25 Batch) is placed at **Annexure - I of SNT 29.5 at Page No. 38.**

Decision of the Senate: Noted

The highest salary package offered to the students of NIT Mizoram has been updated as under:

Total Students Registered	Total Students Placed	Placement Percentage	Average Salary Package (CTC)	Highest Salary Package (CTC)
94	75	80%	7.6 LPA	27 LPA

SNT 29.6 **Ratification for Re-Exam and declaration of results of UG and PG January ODD semester 2024-2025, NIT Mizoram**

Background:

This is to place before the Senate, the proposal for ratification of the approval of the Chairman, Senate for conducting Re-Exam January 2024-2025 ODD Semester and result of the UG and PG Programs. The result details are placed at **Annexure- I of SNT 29.6 at Page No. 39 – 63.**

1. **Re-Exam January 2024-2025 ODD Semester Results of UG Courses:**

Sl. No	Name of Course	Semester	No. of Students Appeared	No. of Students Passed	No. of Students Failed
1	B. Tech	I	23	06	17
2	B. Tech	III	25	09	16
3	B. Tech	IV	02	01	01
4	B. Tech	V	32	18	14
5	B. Tech	VII	16	11	05
Total			**98**	**45**	**53**

2. **Re-Exam January 2024-2025 ODD Semester Results of PG Courses:**

Sl. No	Name of Course	Semester	No. of Students Appeared	No. of Students Passed	No. of Students Failed
1	M. Tech	I	4	2	02
2	M. Tech	III	02	0	02
Total			**6**	**2**	**4**

Decision of the Senate: Approved.

Before the Re-examinations, the concerned subject faculties are advised

	to conduct some orientation classes to improve the passing rate of backlog students.
SNT 29.7	**Ratification for award of Ph.D. Degree after the last Senate i.e. 28th Meeting of Senate dated 10.12.2024.** **Background:** This is to inform the Senate regarding award of Ph.D. Degrees **9 (Nine)** candidates have been awarded Ph.D. Degree and whose Names, Department and Title of the Thesis are as mentioned below:

Sl. No	Name of the Ph.D Degree awardee	Department	Title and Thesis	Examiner's Comments
1	**Ms. Amika Achom** DT17CS002 Oral Exam: 22.01.2025 **Supervisor:** Dr. Ranjita Das **Co-Supervisor:** Dr. Partha Pakrya **Chairman DC:** Prof. Pradip Kr. Das **External Examiner:** Prof. Vivek Kumar Singh	CSE	*'Development of novel metaheuristic based clustering approaches'*	*Examiner - 1: The Thesis be accepted for the award of Ph.D degree after minor revision as detailed/ suggested in the report.* *Examiner – 2: The Thesis is recommended for the award of Ph.D Degree in the present form.*
2	**Ms. Minakshi Boruah** DT20CS001 Oral Exam: 14.02.2025 **Supervisor:** Dr. Lalhruaizela **Co-Supervisor:** Dr. Ranjita Das **Chairman DC:** Dr. Lenin Laitonjam **External Examiner:** Dr. Debiprosad Dogra	CSE	*'Predicting the HIV Integration Sites Along with Analyzing the Associated Genomic Markers and the Sequence Positions'*	*Examiner - 1: The Thesis be accepted for the award of Ph.D degree after minor revision as detailed/ suggested in the report.* *Examiner – 2: same as Examiner 1.*
3	**Mr. Pradipta Ghosh** DT19EE002 Oral Exam: 15.01.2025 **Supervisor:** Prof. Saibal Chatterjee **Co-Supervisor:** Prof. Sovan Dalai **Chairman DC:** Dr. Ramesh Kumar	EE	*'Study the Effect of the Non-Standard Lightning Impulse Voltage Waveform over the*	*Examiner - 1: The Thesis be accepted for the award of Ph.D degree after minor revision as detailed/ suggested in the report.*

	External Examiner: Prof. L. Satish		*Insulation of High Voltage Equipment'*	*Examiner – 2: same as Examiner 1.*
4	**Mrs. Anupama Ganguly** DT19EE005 Oral Exam: 11.04.2025 **Supervisor:** Dr. Pabitra Kumar Biswas **Chairman DC:** Dr. Ramesh Kumar **External Examiner:** Prof. Debashis Chatterjee	EE	*'Control and Optimizatio n of Power Converter Topologies in Renewable Energy System'*	*Examiner - 1: The Thesis be accepted for the award of Ph.D degree after minor revision as detailed/ suggested in the report.* *Examiner – 2: The Thesis is recommended for the award of Ph.D Degree in the present form.*
5	**Mr. Debasis Chatterjee** DT20EE004 Oral Exam: 26.03.2025 **Supervisor:** Dr. Pabitra Kumar Biswas **Co-Supervisor:** Dr. Chiranjit Sain **Chairman DC:** Dr. Ramesh Kumar **External Examiner:** Prof. Nitai Pal	EE	*'Effective Energy managemen t system using artificial intelligence in Electric Vehicle'*	*Examiner - 1: The Thesis be accepted for the award of Ph.D degree after minor revision as detailed/ suggested in the report.* *Examiner – 2: same as Examiner 1.*
6	**Mr. Debabrata Mazumdar** DT20EE006 Oral Exam: 11.12.2024 **Supervisor:** Dr. Pabitra Kumar Biswas **Co-Supervisor:** Dr. Chiranjit Sain **Chairman DC:** Dr. Ramesh Kumar **External Examiner:** Prof. Asim Datta	EE	*'Optimizatio n and performanc e analysis of Solar MPPT Controllers based on Evolutionar y Algorithms'*	*Examiner - 1: The Thesis be accepted for the award of Ph.D degree after minor revision as detailed/ suggested in the report.* *Examiner – 2: same as Examiner 1.*
7	**Ms. Yumnam Gyani Devi** DS19CH001 Oral Exam: 24.02.2025 **Supervisor:** Prof. Ajmal Koya Pulikkal **Chairman DC:**	BS&HSS (Chemistry)	*'Synthesis, Micellizatio n and Corrosion Inhibition Potential of Pyridinium Gemini*	*Examiner - 1: The Thesis is recommended for the award of Ph.D Degree in the present form.*

		Dr. Shuchi **External Examiner:** Prof. Sankar Chandra Moi		*Surfactants'*	*Examiner – 2: same as Examiner 1.*
	8	**Mr. Dwaipayan Roy** DH20HS002 Oral Exam: 04.04.2025 **Supervisor:** Dr. Shuchi **Chairman DC:** Prof. Alok Shukla **External Examiner:** Prof. Jyotsna Sinha	BS&HSS (English)	*'The Impact of Jim Morrison's Poetry in American Literary Tradition'*	*Examiner - 1: The Thesis is recommended for the award of Ph.D Degree in the present form.* *Examiner – 2: same as Examiner 1.*
	9	**Ms. Atreyee Sinha** DH20HS005 Oral Exam: 08.04.2025 **Supervisor:** Dr. Shuchi **Chairman DC:** Prof. Konthujam Gyanendra Singh **External Examiner:** Prof. Smiriti Singh	BS&HSS (English)	*'Mapping Gender Through Caste Mobility: Recovering A Space For Namasudra Women Through Testimonios'*	*Examiner - 1: The Thesis is recommended for the award of Ph.D Degree in the present form.* *Examiner – 2: same as Examiner 1.*

Details are placed at **Annexure - I of SNT 29.7 at Page No. 64 – 90.**
The Senate may take note of it and the proposal for awarding the degrees shall be placed when the Institute organizes the Convocation.

Decision of the Senate: Ratified.

Information of all the Ph.D. Graduated and thesis submitted shall be updated in the Institute Website on regular basis.

SNT 29.8 **Ratification for extension of the duration of Ph.D. tenure.**

Background:

This is to place before Senate, the approval accorded by the Chairman, Senate, NIT Mizoram for extension of the duration of Ph.D tenure respectively of the Ph.D. Scholar as under mentioned:

1. **Ms. Jacqueline Lalthlengliani**, Enrolment No. **DS18CH001**, PhD Scholar (Full-Time, Self-Financed), under the supervision of Prof. Ajmal Koya Pulikkal, Professor (Chemistry), Department of BS&HSS, NIT Mizoram. She has taken admission on 19.07.2018. The Doctoral Committee recommended the extension of tenure of her Ph.D under the reason of COVID - 19 related gap. The extension has been approved and granted by the Director & Chairman Senate, NIT Mizoram for 6 months beyond the second extension w.e.f 19.01.2025 up to 19.07.2025.

	Copy of the Extension Order and DC recommendation are placed at **Annexure – I of SNT 29.8 at Page No. 91 – 92.** 2. **Mr. Chandan Kumar** Enrolment No. **DT19EE007**, PhD Scholar (Full-Time, Regular), under the supervision of Prof. Saibal Chatterjee, Professor, Department of Electrical Engineering, NIT Mizoram. He has taken admission on 03.02.2020. The Concerned Supervisor has recommended for extension of tenure of his Ph.D under the reason of COVID - 19 related gap. The extension has been approved and granted by the Director, Chairman Senate, NIT Mizoram for 6 months up to 03.08.2025. Copy of the Extension Order and Supervisor recommendation are placed at **Annexure – II of SNT 29.8 at Page No. 93.** On account of genuine reasons, extension approved and granted by the Director & Chairman Senate, NIT Mizoram is placed in the Senate for ratification.
	Decision of the Senate: Ratified. **Married female Ph.D. Scholars may be granted one-year automatic extension of their Ph.D. tenure from 5 years.**
SNT 29.9	**Ratification for Ph.D. Scholar Semester Break.** **Background:** This is to place before the Senate, the application received from Mr. Potaraju Yugender, Enrolment No: DT20EC015 (Part-Time) under the supervision of Dr. Rudra Sankar Dhar, Associate Professor, Department of Electronics & Communication Engineering, NIT Mizoram, for Semester Break during **January - June 2024 (VII Semester during Even Semester 2023-2024)** on accounts of health issues. Comprehending the genuineness of the problem faced by the Scholar, the Director & Chairman Senate, NIT Mizoram, granted the permission vide Order No: **NITMZ/ACAD(7)/Ph.D./A-2020/EC015/2511 dated 20.01.2025** Copy of Office Order for Semester Break on medical ground is placed at **Annexure I of SNT 29.9 at Page No. 94 – 97.** The matter is placed in the Senate for ratification.
	Decision of the Senate: Ratified.
SNT 29.10	**Ratification for change of Ph.D. Scholar Supervisor.** **Background:** This is to place before the Senate, for necessary change of Supervisor for the following Ph.D. Scholar on accounts of the resignation of a faculty member and other circumstances situations, the proposal was approved by the Director & Chairman Senate, NIT Mizoram, with Ph.D. Regulation 2024 (clause 9) as mentioned:

Sl. No.	Name of Ph.D. Scholar and Enrolment No.	Name of new Supervisor
1	Mr. Amit Saumendra Sahoo (DT24CE003)	Dr. Amit Yadav Assistant Professor Dept. of Civil Engineering NIT Mizoram
2	Mr. Jonathan Vanlalruata (DT20CE008)	Dr. Ricky Lalthazuala Assistant Professor Dept. of Civil Engineering NIT Mizoram
3	Mr. Joel Tc Vanlalnunzira (DT23CE001)	
4	Ms. Grace Lalremruati (DT23CE008)	
5	Mr. Lalchhuanawma Pachuau (DT24CE001)	

Copy of Supervisor change office order and details are placed at **Annexure I of SNT 29.10 at Page No. 98 – 99.**

The matter is placed in the Senate for ratification.

Decision of the Senate: Ratified.

Ph.D. Supervisor of Mr. Jonathan Vanlalruata (DT20CE008) is advised to submit the research plan with specific timeline.

SNT 29.11 **Engagement of Guest Faculty.**

Background:

This is to place before the Senate, the engagement of Guest Faculty at NIT Mizoram for Academic Session Even Semester 2024-25 as detailed mentioned in the table:

Sl. No.	Name of Faculty	Name of course
1	Dr. Shaikh Faruque Ali Professor, Department of Applied Mechanics, IIT Madras	*'CEL 1401 Structural Analysis' for* ***4th Sem UG***
2	Dr. Shaikh Faruque Ali Professor, Department of Applied Mechanics, IIT Madras & Prof. A. Arockiarajan Professor, Department of Applied Mechanics, IIT Madras	*'CEL 1602 Structural Analysis II' for* ***6th Sem UG***

	3	Prof. V. Vetrivel Department of Mathematics IIT Madras	*'MAL 1409 Nonlinear Optimization: Theory & Algorithms' for* ***B. Tech 4th M&C*** Credit carried L-T-P (3-0-0) **&** *'MAL 1405 Convex Optimization: Theory & Algorithms' for* ***B. Tech 4th CSE*** Credit carried L-T-P (3-0-0)

The same was granted/permitted by the Director & Chairman Senate, NIT Mizoram, vide Order No: **NITMZ/ACAD/1-3/2023/2568 dated 27.01.2025** and **NITMZ/ACAD/1-3/2023/2568 dated 27.01.2025** respectively.

Order Copy are placed at **Annexure I of SNT 29.11 at Page No. 100 – 101.**

The matter is placed in the Senate for approval.

Decision of the Senate: Approved and to be placed in the next BoG meeting.

SNT 29.12.1

Any other items with the permission of the Chair.

1. **All the B. Tech Curricula shall have 20% credits from skill-based courses. The skill-based courses available in Swayam Plus can be considered as additional credits.**
2. **All the B. Tech subjects shall have Artificial Intelligence (AI) components in the lecture, starting from 2025-26 Academic Calendar. The faculty members of NIT Mizoram are advised to prepare and include the relevant AI contents in the respective teaching subjects.**

Decision of the Senate: Approved.

(Prof. AJMAL KOYA PULIKKAL)
Secretary, Senate &
Registrar In-Charge
National Institute of Technology Mizoram