

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 24th SENATE, NIT MIZORAM HELD ON 20th NOVEMBER, 2023 AT 10:30 AM IN THE DIRECTOR'S OFFICE CHAMBER, ADMINISTRATIVE BLOCK, NIT MIZORAM Members present:

	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	Absent
5	Prof. Ajmal Koya Pulikkal Registrar In-Charge, NIT Mizoram	Secretary
6	Dr. Rudra Sankar Dhar, Associate Professor, Dept. of Electronics and Communication Engineering, and Dean (Academics)	Member
7	Prof. Saibal Chatterjee, Professor, Dept. of Electrical Engineering and Dean (R&C), NIT Mizoram	Professor Member
8	Dr. Bijayananda Mohanty, Associate Professor Dept. of Civil Engineering and Dean (P&D), NIT Mizoram	Absent
9	Prof. Ajmal Koya Pulikkal, Professor, Dept. of Basic Science &Humanities (Chemistry), NIT Mizoram	Professor Member
10	Prof. Alok Shukla, Professor Dept. Basic Science & Humanities (Physics), NIT Mizoram	Absent
11	Dr. Konthoujam Gyanendra Singh, Associate Professor, Basic Science &Humanities (Economics) and Dean (SW), NIT Mizoram	Absent
12	Dr. Suman Majumder, Assistant Professor (Grade I) and HoD, Dept. of Electrical Engineering, NIT Mizoram	HoD as Invitee
13	Dr. Sushanta Bordoloi, Assistant Professor (Grade I), and HoD Dept. of Electronics and Communication Engineering, NIT Mizoram	HoD as Invitee
14	Dr. Sandeep Kumar Dash, Assistant Professor (Grade I) and HoD Dept. of Computer Science & Engineering, NIT Mizoram	HoD as Invitee
15	Dr. Saurav Suman, Assistant Professor (Grade I) and HoD Dept. of Mechanical Engineering, NIT Mizoram	HoD as Invitee
16	Dr. Sanasam Vipej Devi, Assistant Professor (Grade I) and HoD Dept. of Civil Engineering, NIT Mizoram	HoD as Invitee
17	Dr. Shuchi, Associate Professor and HoD Dept. of Basic Science & Humanities (English), NIT Mizoram	HoD as Invitee
18	Dr. Rudra Sankar Dhar, Associate Professor HoC, Centre of Interdisciplinary Research, NIT Mizoram	HoD as Invitee
19	Dr. Anumoy Ghosh, Assistant Professor (Grade I), Dept. of Electronics and Communication Engineering and Faculty In-charge Examination Section, NIT Mizoram	Invitee as FiC, Exam
20	Dr. Anagha Bhattacharya, Assistant Professor (Grade I), Dept. of Electrical Engineering and Faculty In-Charge, Examination Section NIT Mizoram	Invitee as FiC, Exam

SNT 24.1	Welco	ome address by the Cha	irman	Welcome address by the chairman		
	Senate	Chairman, Senate and Director, NIT Mizoram addressed the 24 th ite by welcoming all the members and the invitees. He further inded a warm welcome.				
SNT 24.2		Confirmation on the Minutes of the 23 rd Senate Meeting held on 15.09.2023				
	Minute Aizaw	This is to place before the Senate the proposal for confirmation of the Minutes of the 23 rd Meeting of Senate on 15.09.2023 at NIT Mizoram, Aizawl. Copy of the meeting minutes is placed at Annexure –I of SNT 24.2 at page no. A-I: 1-21.				
	Decisi Confi	ion of the Senate rmed				
SNT 24.3	Confirmation on the Action Taken on the resolution of the 23 Senate Meeting held on 15.09.2023					
	On the basis of the resolution taken during the 23 rd Meeting of Senate of 15.09.2023 at NIT Mizoram, Aizawl the Action Taken by the Institute is placed at Annexure –I of SNT 24.3 at page no. A-I: 22-42. Decision of the Senate Confirmed					
		med				
SNT 24.4	This is of the Backs	to place before the Sena Central Library, Nit Miground:	zoram.	·		
SNT 24.4	This is of the Backs	to place before the Sena Central Library, Nit Mi ground:	zoram.	·		
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SNT 24.4	This is of the Backs	to place before the Sena Central Library, Nit Mi ground : ce at the position of the O	zoram. Central Lib No. of	rary is as under-ment Position		
SNT 24.4	This is of the Backs A gland Sl. No	to place before the Sena Central Library, Nit Miground: ce at the position of the C	zoram. Central Lib No. of title	rary is as under-ment Position No. of Books		
SNT 24.4	This is of the Backs A gland Sl. No . 1.	c to place before the Sena Central Library, Nit Miground: ce at the position of the Control Particulars Physical Books E-Books E-Journal	zoram. Central Lib No. of title 1,012	rary is as under-ment Position No. of Books 11,845		
SNT 24.4	This is of the Backs A gland Sl. No . 1. 2.	to place before the Sena Central Library, Nit Mi ground: ce at the position of the C Particulars Physical Books E-Books	No. of title 1,012 5 nos.	Position No. of Books 11,845 6,790 collections		
SNT 24.4	This is of the Backs A gland Sl. No . 1. 2. 3.	ce at the position of the Central Books Particulars Physical Books E-Books E-Journal Thesis submission:	No. of title 1,012 5 nos.	Position No. of Books 11,845 6,790 collections 2,841 collections		

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. 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.

PROPOSALS FOR THE UPCOMING YEAR:

- 1. Proposal for INFED
- 2. Proposal for Shodh-Chakra
- 3. RFID Implementation
- 4. Procurement of New Journals
- 5. Proposal for Digital Library set up
- 6. National Digital Library of India

The detailed report of the Central Library of NIT Mizoram is placed at **Annexure- I of SNT 24.4 at Page no**: **A-I: 43-52.**

Decision of the Senate

Ratified.

SNT 24.5 Report of Training and Placement for AY 2020-24 B.Tech Program and other related data of the Institute.

Background:

This is to place before the Senate, Report of Training and Placement for **B.Tech (2020-24 Batch)**, **NIT Mizoram**.

A glance at the position of the Training and Placement for **B.Tech Program (2020-24 Batch), NIT Mizoram** till date is as undermentioned: -

S. No.	Branch	Company	Remarks
1.	CSE	Alstom	Nil
2.	CSE	Deltax	Nil
3.	ECE	Adobe	Nil
4.	ECE	Deloitte	Nil
5.	EE	Deloitte	Nil
6.	EE	L&T	Nil
7.	ME	L&T	interview expected

8.	CE	L&T	result expected	
				i

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. As directed by the external Senate members, the following details has been reported as undermentioned:

1. Comparison between the package offered by companiesbranch wise for the B.Tech Academic Year 2018-22 and 2019-23 and Percentage of students selected for placementbranch wise for the year 2018-22 and 2019-23:

Dont	Placement	2018-2022	2019-2023
Dept	Scenario	Batch (LPA)	Batch (LPA)
	Highest CTC	5.25	14.5
	Lowest CTC	4.75	6.0
CE	Average CTC	4.95	7.5
	Percentage of students placed	31 %	41.2 %
	Highest CTC	16.94	28
	Lowest CTC	3.6	5
EEE	Average CTC	7.39	8.88
	Percentage of students placed	81 %	87.5 %
	Highest CTC	14.5	14.5
	Lowest CTC	4.25	6
ECE	Average CTC	8.2	8.23
	Percentage of students placed	83 %	55.0 %
	Highest CTC	8	14.5
	Lowest CTC	2.8	5.5
ME	Average CTC	5.21	9.65
	Percentage of students placed	43 %	72.2 %
	Highest CTC	14.5	19
	Lowest CTC	13.43	13.02
CSE	Average CTC	4	6
	Percentage of students placed	67 %	78.9 %

The detailed Report of Training and Placement for B.Tech 2018-22, 2019-23 and 2020-24 is placed at **Annexure-I of SNT 24.5 at Page no: A-I: 53**

2. Details of students who have graduated since 2014 till date:

S. No.	Year	No. of Students Appeared	No. of Students Passed
1.	2014	59	59 (2 passed in 2015, 1 in 2016)
2.	2015	48	48 (2 passed in 2016, 1 in 2017)
3.	2016	45	45 (1 passed in 2017)
4.	2017	60	60 (4 passed in 2018, 1 in 2019)
5.	2018	69	69 (5 passed in 2018)
6.	2019	76	76 (3 passed in 2020)
7.	2020	63	63 (1 passed in 2021)
8.	2021	106	106
9.	2022	123	123
10.	2023	108	104 (4 is expected to clear by 2024 June)

3. Number of PhDs awarded from the Institute since inception till date:

i. Department of Civil Engineering:

Sl. No.	PhI	ne of the D Degree Holder	Name of the Supervisor	Currently Employed at
1.	Mr. Sreek	Peddireddy anth Reddy	Dr. Bijayananda Mohanty	-

ii. Department of Computer Engineering:

Sl. No.	Name of the PhD Degree Holder	Name of the Supervisor	Currently Employed at
1.	Ranjita Das	Dr. Partha Pakray	NIT Agartala
2.	Sandeep Kumar Dash	Dr. Ranjita Das	NIT Mizoram
3.	Goutam Majumder	Dr. Ranjita Das	VIT University (Vellore)
4.	Amarnath Pathak	Dr. Ranjita Das	Kendriya Vidyalaya, Patna
5.	Dipanwita Debnath	Dr. Ranjita Das	K.L University Vijaywada

iii. Department of Electronics and Communication Engineering:

Sl. No.	Name of the PhD Degree Holder	Name of the Supervisor	Currently Employed at
1.	L. Kholee Phimu	Dr. Rudra Sankar Dhar	Manipur University
2.	Jitendra Singh Tamang	Dr. Rudra Sankar Dhar	SMIT, Sikkim
3.	Kuleen Kumar	Dr. Rudra Sankar Dhar	Chandigarh University, Chandigarh
4.	Lalthanpuii	Dr. Rudra Sankar Dhar	TF, Zirtiri Residential Science College, Aizawl
5.	Pragati Singh	Dr. Rudra Sankar Dhar	TF, NIT Mizoram
6.	Shingmila H.	Dr. Rudra Sankar Dhar	Manipur Institute of Technology, Manipur
7.	Ankit Kargeti (Post- Doctoral Fellow)	Dr. Rudra Sankar Dhar	Invertis University, Uttar Pradesh
8.	Paikhomba Loktongbam	Dr. Chaitali Koley	TF, NERIST, Arunachal Pradesh
9.	Nitesh Kumar	Dr. Chaitali Koley	TA, NIT Mizoram

iv. Department of Electrical and Electronics Engineering:

Sl. No.	Name of the PhD Degree Holder	Name of the Supervisor	Currently Employed at
1.	Upama Das	Dr. Pabitra K. Biswas	TF, NIT Mizoram
2.	Suman Majumder	Dr. Pabitra K. Biswas	NIT Mizoram
3.	Krishnarti De	Dr. Pabitra K. Biswas	NIT Mizoram
4.	Sukanta Debnath	Dr. Pabitra K. Biswas	TF, NIT Mizoram
5.	Jonathan Laldingliana	Dr. Pabitra K. Biswas	Business
6.	Suman Jana	Dr. Pabitra K. Biswas	Regent Education and Research Foundation Group of Institutions,

			Kolkata
7	Suraj Gupta	Dr. Pabitra K.	TF, NIT
/.	Suraj Gupta	Biswas	Meghalaya

v. Department of Mechanical Engineering:

Sl. No.	Name of the PhD Degree Holder	Name of the Supervisor	Currently Employed at
1.	Nand Kumar	Dr. Bidesh Roy	Technical Expert in Green Tree Global, Aizawl
2.	Dipankar Saha	Dr. Bidesh Roy	Post- Doctoral Fellow, IIT Roorkee
3.	Prasanta Majumder	Dr. Bachu Deb	Saveetha Institute of Medical & technical Sciences, Chennai
4.	Kanthala Uma Reddy	Dr. Bachu Deb	JNTUH University College of Engineering, Sultanpur
5.	Satyajit Patanayak	Dr. H. Lalhmingsanga	Madanapalle Institute of Tech. & Science, Andhra Pradesh
6.	Renjith Krishnan	Dr. H. Lalhmingsanga	Saveetha Engineering College, Chennai
7.	Gokul Gopan	Dr. H. Lalhmingsanga	Saveetha Engineering College, Chennai
8.	Laxman Mishra	Dr. H. Lalhmingsanga	Hi-Tech Institute of Technology, Aurangabad
9.	Jibin T Philip	Dr. Basil Kuriachen	National Post- Doctoral Fellow, IISC, Bangalore
10.	Surendra Kumar Patel	Dr. Basil Kuriachen	Post- Doctoral Fellow, Dept. of Materials & Eng., Shandong University, China

vi. Department of BS& HSS (Physics):

Sl. No.	Name of the PhD Degree Holder	Name of the Supervisor	Currently Employed at
1.	Nitin Kumar	Prof. Alok Shukla	Not Employed
2.	Alka Tiwari	Prof. Alok Shukla	Not Employed
3.	Remika Ngangbam	Prof. Alok Shukla	TF, NIT Mizoram
4.	Nripesh Kumar	Prof. Alok Shukla	Not Employed
5.	L.Thansanga	Prof. Alok Shukla	Shivaji College, Delhi University

vii. Department of BS& HSS (Mathematics):

Sl. No.	Name of the PhD Degree Holder	Name of the Supervisor	Currently Employed at
1.	Lalrinpuia Tlau	Dr. Surendra Ontela	NIT, Puducherry
2.	Mohan Bir Subba	Dr. Vinay Singh	KK Das College, West- Bengal

viii. Department of BS& HSS (Chemistry):

Sl. No.	Name of the PhD Degree Holder	Name of the Supervisor	Currently Employed at
1.	Jackson Gurung	Prof. Ajmal Koya Pulikkal	St. Xavier's College, West- Bengal

ix. Department of BS& HSS (English):

Sl. No.	Name of the PhD Degree Holder	Name of the Supervisor	Currently Employed at
1.	Pauline Lalthlamuanpuii	Dr. Shuchi	TF, Champhai College, Mizoram

x. Department of BS& HSS (Economics):

Sl. No.	Name of the PhD Degree Holder	Name of the Supervisor	Currently Employed at
1.	Santosh Borkakati	Dr. K. Gyanendra Singh	Govt. Mangaldai College, Assam
2.	Lalengkima	Dr. K. Gyanendra Singh	TF, Mizoram University

	incept Page i	•	Training and Placeme s placed at Annexure	
	Ratifi	ed		
SNT 24.6	_	rt of Award of Ph.D E ng of Senate	Degree after the last S	enate i.e 23 rd
	Backg	ground:		
	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 5 (five) candidates that has 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 of the Thesis
	1.	Mrs. Dipanwita Debnath		

'Design and

Modelling of Solar Cells for

performance

Enhancement

Analysis and

Characterization

Electronics and

Communication

Engineering

Examiner: Prof. Pabita

Mr. L. Kholee

Oral Exam: 04.10.2023

Supervisor:

Dr. Rudra Sankar

Co-Supervisor:

Dr. Kh. Jolson

Chairman DC: Prof. L. Lolit Kumar Singh

Mitra

Phimu DT19EC014

Dhar

Singh

2.

	External Examiner: Prof. Nandita Das Gupta		
3.	Mr. Suraj Gupta DT18EE001 Oral Exam: 03.11.2023 Supervisor: Dr. Pabitra Kumar Biswas Chairman: Prof. Saibal Chatterjee External Examiner: Prof. P. Sanjeevikumar	Electrical Engineering	'Control Strategies and Performance Optimization of Active Magnetic Bearing System'
4.	Mr. Laxman Mishra DT16ME002 Oral exam: 11.09.2023 Supervisor: Dr. H. Lalhmingsanga Co-Supervisor: Prof. Rajat Gupta Chairman DC: Prof. R. D. Misra External Examiner: Prof. Bidyut Baran Saha	Mechanical Engineering	'Study of Drying Characteristics of Moist Objects in Renewable Energy Based Forced Convective Dryer with Emphasis on Energy Saving and Quality Improvement'
5.	Mr. Virendra Pratap Singh DT17ME002 Oral exam: 11.09.2023 Supervisor: Dr. Basil Kuriachen Chairman DC: Prof. Surjya Kanta Pal External Examiner: Prof. J. Ramkumar	Mechanical Engineering	'Experimental Investigation into the Development of AA6061-T6 and AZ31 Similar and Dissimilar Alloy Joint Through Friction Stir Welding'
The Se	enate may take note of	f it and the proposal for	awarding the degree:

The Senate may take note of it and the proposal for awarding the degrees

	shall b	e placed when the Institute organ	izes the Convocation.
	The de	tails are placed at Annexure- I o f	SNT 24.6 at Page no.: 73-77.
	Decisi	ion of the Senate	
	Ratified		
SNT 24.7	Chang	ges in the Ph.D Regulation	
	Background:		
	This is to place before the Senate, the changes proposed for implementation in the PhD Regulation on immediate basis with retrospective effect as below: a. Clause 10: Doctoral Committee (DC)		
	Cla	Existing	Proposed
	use	DC Members:	DC Members:
	(iii)	Two members of the Faculty from the Institute or from other Universities / Institutes,	members are required to be in DC.
		to be nominated in by the	Faculty members only from

Cla use	Existing	Proposed
(;;;)	DC Members: Two members of the Faculty	DC Members: A minimum of two DC
(iii)	from the Institute or from other Universities / Institutes, to be nominated in by the Supervisor(s).	members are required to be in DC. Faculty members only from the Institute to be nominated in by the Supervisor in DC Or Co-Supervisor(s) who are Faculty / Scientist from other Universities / Institutes / Research Labs to be nominated in by the Supervisor in the DC if required.
10.2	The DC is constituted in consultation with the Supervisor(s) within two months from the date of appointment of the Supervisor(s). The list is sent to the Chairman, Senate for approval.	1 -

The details are placed at Annexure- I of SNT 24.7 at Page no.: 78-80.

	Decision of the Senate
	Approved
SNT 24.8	The 7 th Convocation, NIT Mizoram
	Background:
	As per Point 56.4 of the 56 th Deans' Committee held on 11 th October, 2023 chaired by the Director, Registrar In-charge, Deans and Associate Deans; it was decided that the 7 th Convocation shall be held tentatively on 17 th January, 2024 with the Chief Guest to grace the occasion to be requested in due course of time in online/offline mode. The details are placed at Annexure- I of SNT 24.8-page no. A-I: 81-84
	Decision of the Senate
	Approved
SNT 24.9	Engagement of Professor of Practice
	Background:
	As approved in the 23 rd Meeting of Senate and Order issued vide NITMZ/SNT/23/2023/5619 dated 16.10.2023, "Visiting Faculty of Practice from the industry in collaboration with the existing faculties of NIT Mizoram shall be engaged for a period of 1 (one) course in each Semester. They shall be physically present at NIT Mizoram and provide help and support to the regular faculties of the Institute in Industrial Research and collaboration."
	In consonance to the order, Dr. Ashok Kumar Vaikuntam, accomplished personnel with diverse background have been proposed as the Visiting Faculty of Practice from the Industry for the Department of Mechanical Engineering and Mathematics and Computing for a period of 1 (one) course i.e, 1(one) year.
	The details are placed at Annexure- I of SNT 24.9-page no. A-I: 85-91.
	Decision of the Senate
	Approved
SNT 24.10	Any other matter with the permission of the Chairman. Background:
	i) Academic Calendar for 2023-24 (Spring Semester)

Approval to be sought The proposal is therefore, placed before the Senate for approval.
Decision of the Senate
Approved

(Prof. AJMAL KOYA PULIKKAL)

Registrar In-Charge & Secretary, Senate National Institute of Technology Mizoram

कुलसचिव/Registrar रा. प्रौ. सं. मिजोरम NIT Mizoram