
NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM



NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM

ADMISSION BROCHURE

2024-25



Chaltlang, Aizawl-796012, Mizoram, India

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CONTENTS

SECTION	PAGE NO
OVERVIEW	4-17
DEPT. OF BS & HSS	18-24
DEPT. OF CE	25-29
DEPT. OF CSE	30-32
DEPT. OF ECE	33-39
DEPT. OF EE	40-43
DEPT. OF ME	44-48
Centre of Interdisciplinary Research (CIR)	49
HOSTEL	50-51
TRAINING & PLACEMENT	52-53
CENTRAL LIBRARY & HEALTH CENTRE	54-57
INNOVATIOB HUB & IPR	58-62
DAAD WORKSHOP	63-64
NCC AND NSS	65-69
EK BHARAT SHRESTHA BHARAT PROGRAMME	70-71
EXTRAMURAL LECTURE SERIES	72
SPORTS ACTIVITIES	73-76
TECHNICAL CLUBS/TECHNICAL SOCIETIES	77-81

OVERVIEW OF NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM (NIT MIZORAM)

Vision

1. To serve the societal needs of the country in particular and the world in general through achieving excellence in innovative scientific and technical education and cutting edge research.
2. To impart and enhance quality technical and scientific education to young men and women.
3. To serve the societal needs of the country in particular and the world in general through achieving excellence in innovative scientific and technical education and cutting edge research.

Mission

1. To impart and enhance quality technical and scientific education to young men and women.
2. To promote all fields of innovations and provide support to the entrepreneurs.
3. To promote all fields of innovations and provide support to the entrepreneurs

Objectives

1. To offer modern Under Graduate (UG) Programmes in various branches of Engineering, viz., Computer Science & Engineering, Electronics & Communication Engineering, Electrical Engineering, Mechanical Engineering, Civil Engineering, Mathematics and Computing, etc.
2. To offer additional job oriented courses for the existing UG students as Minor Programmes with specialization in (i) VLSI and Semiconductor Technology, (ii) AI and ML, (iii) Sustainable Electric Transportation
3. To comprehend enriched Post Graduate (PG) Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical Engineering, Mechanical Engineering, Civil Engineering, while initiate for new PG programmes in Mathematics, Physics, Chemistry, Humanities and Social Sciences, etc.
4. To introduce new (5 year) dual-degree programme BTech-MTech from all the existing Departments of BTech after completion of their 3rd year for MTech specialization in (i) Computational Nanotechnology and Semiconductors, (ii) Data Science, (iii) Smart Grid Technology
5. To provide facilities for research in all Engineering Departments, Basic and Applied Sciences, Humanities and Social Sciences and also in the most imminent Interdisciplinary areas leading to Doctoral Degrees.



Prof. S. Sundar (Director NIT Mizoram)

Message from Director's Desk

NIT Mizoram began its journey in 2009 to achieve global renown in research and education. Since 2009, the Institute has progressed rapidly. Presently, there are about 850 students studying in various disciplines of Engineering, Sciences, Humanities and Social Sciences. The Institute is working untiringly to impart quality education that keeps pace with the latest advances in research and development activities.

The year '23-'24 saw 85% Campus Placements. 5 students from the present 3rd year BTechs are going to IIT Madras for their 4th year study and PhD. 4 times increase in Sponsored projects and Consultancy observed in '23-'24. 100% Intern offer issued from top-notch companies and IITs. Leading Professors from Germany and USA conducted workshop at NIT Mizoram during '23-'24 leading to faculty and student Exchange and collaborations. Introduction of Minor stream with Regular BTechs in Semiconductor & VLSI, AI&ML, Sustainable Electric Transportation introduced. Dual-Degree for upgradation to MTech and PhD is additional long take away. MoU with top public sectors like BIS, AAI, Senses Dept, NITTTR, Mizoram Police, INAE, Institute of Engineers opened up seamless opportunities for faculty and students.

At present NIT Mizoram is situated in a temporary campus at Aizawl. With the support of the state govt, we are expecting the completion of the partially completed permanent campus at Lengpui, Mizoram within the next two years with best of the facilities for the excellent academic ambience.

The faculty, students and staff of NIT Mizoram are working hard with utmost sincerity and dedication to accept the challenge of making NIT Mizoram a preferred destination for high-quality learning, research and innovation. Their new initiatives will surely bear rich fruits during the years to come.

NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM AT A GLANCE

- NIT Mizoram is one of the 10 new NITs set up by Govt. of India under Ministry of Human Resource Development in 2009.
- The Institute started functioning at Camp Nagpur under the Mentorship of VNIT Nagpur w.e.f July 2010 with 62 students.
- The Institute, since 2011, is functioning out of Temporary Campus in Aizawl.
- The Permanent Campus of NIT Mizoram at Lengpui is under preparation. NIT Mizoram has completed the First Phase of work.
- Hostels for students are located at a distance from the temporary campus. Buses ply between the hostels and academic buildings.
- NIT Mizoram is a residential Institution and that all students and research scholars reside in the hostels/halls of residence of the Institute vide Clause 38(1) of the NITs Statutes.
- All the students of NIT Mizoram shall be paying seat rent.
- The Institute under the mentorship of its current Director Prof. S. Sundar, is in the final stage of a MoU with IIT Madras. Through this selected students from undergraduate programme will be able to pursue their final year from IIT Madras. They can also pursue PhD there.

STUDENT STRENGTH DETAILS:

Programme	Branch/Specialization	Actual No. Of Students As on May 2024
B. Tech	1. Electronics & Communication Engg. (ECE) 2. Computer Science & Engg. (CSE) 3. Mechanical Engineering (ME) 4. Civil Engineering (CE) 5. Electrical Engg. (EE) 6. Mathematics and Computing (MC)	565
M. Tech	1. Computer Science & Engg. (CSE) 2. Microelectronics and VLSI System Design (ECE) 3. Thermal Engineering (ME) 4. Structural Engineering (CE) 5. Power & Energy Systems Engineering (EE)	3

B.Tech- M.Tech (Dual Degree)	From the Centre of Interdisciplinary Research (CIR) 1. Computational Nanotechnology and Semiconductors (ECE) 2. Data Sciences (CSE)	19
Ph. D	1. Centre of Interdisciplinary Research (CIR) 2. Mechanical Engineering (ME) 3. Electronics & Communication Engg. (ECE) 4. Computer Science & Engg. (CSE) 5. Electrical Engg. (EE) 6. Civil Engineering (CE) 7. Basic Sciences & Humanities & Social Sciences (Phy., Chem., Mathematics, Economics & English).	248
	TOTAL	835

Total No. of Ph. D Awarded as May 2024=44

Seat Matrix 2024-25 for B. Tech Intake – Distribution under Different category for NIT Mizoram

Sl. No.	Institute Code	Institute Name	Program Code	Program Name	Stream (Engineering / Architecture)	Program Duration	Quota (HS/AI)	OP EN	OP EN-PwD	EWS	EWS-PwD	SC	SC-PwD	ST	ST-PwD	OB C-NC L	OBC-NCL-PwD	Total
1	222	NIT Mizoram	4111	Electrical Engineering	Engineering	4 years	HS/AI	14	0	4	0	5	1	3	0	8	1	36
			4114	Electronics & Communication Engineering	Engineering	4 years	HS/AI	13	1	4	0	6	0	2	0	10	0	36
			4110	Computer Science & Engineering	Engineering	4 years	HS/AI	13	1	3	0	5	0	3	0	10	1	36
			4125	Mechanical Engineering	Engineering	4 years	HS/AI	12	3	4	0	4	0	3	0	10	0	36
			4109	Civil Engineering	Engineering	4 years	HS/AI	14	1	3	0	6	0	3	0	9	0	36
			4124	Mathematics and Computing	Engineering	4 years	HS/AI	6	0	1	0	1	0	0	0	2	0	10
G. TOTAL								72	6	19	0	27	1	14	0	49	2	190

Seat Matrix 2024-25 for M. Tech Intake – Distribution under Different category for NIT Mizoram

S. No.	Institute	Department	PG Program	Group	OPEN	OPEN-PwD	EWS	EWS-PwD	SC	SC-PwD	ST	ST-PwD	OBC	OBC-PwD	Total
1	NIT Mizoram	Department of Computer Science & Engineering	Computer Science & Engineering-(XG)	1	4	0	1	0	2	0	1	0	2	0	10
2		Department of Electrical Engineering	Power & Energy Systems Engineering (PW)	1	4	1	1	0	1	0	0	0	3	0	10
3		Department of Electronics & Communication Engineering	Microelectronics & VLSI System Design-(MG)	1	4	1	1	0	1	0	1	0	2	0	10
4		Department of Mechanical Engineering	Thermal Engineering-(TI)	1	4	0	1	0	2	0	0	0	3	0	10
5		Department of Civil Engineering	Structural Engineering-(SE)	1	4	0	1	0	1	0	1	0	3	0	10
G. Total					20	2	5	0	7	0	3	0	13	0	50

Fee Structure

ACADEMIC FEES OF B. TECH PROGRAMME OF NIT MIZORAM FROM 2019-2020 ONWARDS

Sl. No.	Particulars	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem	7th Sem	8th Sem
1	Tuition Fees	62,500.00	62,500.00	62,500.00	62,500.00	62,500.00	62,500.00	62,500.00	62,500.00
2	Registration Fees	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
3	Library Deposit (Refundable)	2000.00	-	-	-	-	-	-	-
4	Library Fees	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
5	Students' Activity Fees	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
6	Identity Card	50.00	-	50.00	-	50.00	-	50.00	-
7	Laboratory & Internet Fee	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
8	Student Aid Fund	250.00	-	250.00	-	250.00	-	250.00	-
9	Development Fee	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
10	Examination Fee	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00
11	Medical Aid Fund	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
12	Training & Placement Fee	-	-	250.00	250.00	250.00	250.00	250.00	250.00
13	Convocation	-	-	-	-	-	-	-	1,000.00
14	Alumni	-	-	-	-	-	-	-	500.00
	Grand Total	69,400.00	67,100.00	67,650.00	67,350.00	67,650.00	67,350.00	67,650.00	68,850.00

Note:

1. Tuition Fee is as decided by the NIT Council.
2. Waiver of fees shall be applicable as per the MHRD Order F.No.33-4/2014-TS.III dated 24.06.2016 & 02.07.2016.

Hostel Fees for B.Tech Programme of NIT Mizoram
from 2019-2020 Onwards

Sl. No	Particulars	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
		1st Sem	2nd Sem	3rd Sem	4 th Sem	5th Sem	6 th Sem	7th Sem	8th Sem
1	Caution Money (Refundable)	7,500.00	-	-	-	-	-	-	-
2	Mess Advance (Adjustable)	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00
3	Hostel Admission (One Time Payment)	500.00	-	-	-	-	-	-	-
4	Room Rent	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00
5	Electricity Charges	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
6	Water Charges	750.00	-	750.00	-	750.00	-	750.00	-
7	Recreation	300.00	-	300.00	-	300.00	-	300.00	-
8	Crockery + Breakage	1000.00	-	1000.00	-	1000.00	-	1000.00	-
9	Welfare Fund	1000.00	-	-	-	-	-	-	-
10	Hostel Security & Maintenance Charges	7,500.00	-	-	-	-	-	-	-
	Grand Total	34,250.00	15,700.00	17,750.00	15,700.00	17,750.00	15,700.00	17,750.00	15,700.00

Academic Fees of M. Tech Programme of NIT-Mizoram
(from Academic Session 2019 – 2020 Onwards)

Sl. No.	Particulars	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem
1	Tuition Fees	35,000.00	35,000.00	35,000.00	35,000.00
2	Registration Fees	200.00	200.00	200.00	200.00
3	Library Deposit (Refundable)	2000.00	-	-	-
4	Library Fees	500.00	500.00	500.00	500.00
5	Students' Activity Fees	1,000.00	1,000.00	1,000.00	1,000.00
6	Identity Card	50.00	-	50.00	-
7	Laboratory & Internet Fee	500.00	500.00	500.00	500.00
8	Student Aid Fund	250.00	-	250.00	-
9	Development Fee	2,000.00	2,000.00	2,000.00	2,000.00
10	Examination Fee	600.00	600.00	600.00	600.00
11	Medical Aid Fund	300.00	300.00	300.00	300.00
12	Convocation	-	-	-	1,000.00
13	Alumni	-	-	-	500.00
	Grand Total	42,400.00	40,100.00	40,400.00	41,600.00

Hostel Fees for M.Tech Programme of NIT Mizoram
from 2019-2020 Onwards

Sl. No.	Particulars	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem
1	Caution Money (Refundable)	5,000.00	-	-	-
2	Mess Advance (Adjustable)	13,000.00	13,000.00	13,000.00	13,000.00
3	Hostel Admission (One Time Payment)	500.00	-	-	-
4	Room Rent	1200.00	1,200.00	1200.00	1,200.00
5	Electricity Charges	1,500.00	1,500.00	1,500.00	1,500.00
6	Water Charges	750.00	-	750.00	-
7	Recreation	300.00	-	300.00	-
8	Crockery + Breakage	1000.00	-	1000.00	-
9	Welfare Fund	1000.00	-	-	-
10	Hostel Security & Maintenance Charges	4500.00	-	-	-
	Grand Total	28,750.00	15,700.00	17,750.00	15,700.00

**Academic Fees of Ph.D Programme of NIT Mizoram from
2019-2020 Onwards**

Sl. No.	Particulars	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR		FIFTH YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem	7th Sem	8th Sem	9 th Sem	10 th Sem
1	Tuition Fees	7,500.00	7,500.00	7,500.00	7,500.00	7,500.00	7,500.00	7,500.00	7,500.00	7,500.00	7,500.00
2	Registration Fees	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
3	Library Deposit (Refundable)	2,000.00	-	-	-	-	-	-	-	-	-
4	Library Fees	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
5	Students' Activity Fees	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
6	Identity Card	200.00	-	-	-	-	-	-	-	-	-
7	Laboratory & Internet Fee	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
8	Student Aid Fund	250.00	-	250.00	-	250.00	-	250.00	-	250.00	-
9	Development Fee	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
10	Examination Fee	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00
11	Medical Aid Fund	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
12	Convocation	1,000.00	-	-	-	-	-	-	-	-	-
13	Alumni	500.00	-	-	-	-	-	-	-	-	-
	Grand Total	16,550.00	12,600.00	12,850.00	12,600.00	12,850.00	12,600.00	12,850.00	12,600.00	12,850.00	12,600.00

Hostel Fees for Ph.D Programme of NIT Mizoram
from 2019-2020 Onwards

Sl. No	Particulars	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR		FIFTH YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem	7th Sem	8th Sem	9 th Sem	10 th Sem
1	Caution Money (Refundable)	9,000.00	-	-	-	-	-	-	-	-	-
2	Mess Advance (Adjustable)	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00
3	Hostel Admission (One Time Payment)	500.00	-	-	-	-	-	-	-	-	-
4	Room Rent	1200.00	1200.00	1200.00	1200.00	1200.00	1200.00	1200.00	1200.00	1200.00	1200.00
5	Electricity Charges	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
6	Water Charges	750.00	-	750.00	-	750.00	-	750.00	-	750.00	-
7	Recreation	300.00	-	300.00	-	300.00	-	300.00	-	300.00	-
8	Crockery + Breakage	1000.00	-	1000.00	-	1000.00	-	1000.00	-	1000.00	-
9	Welfare Fund	800.00	-	-	-	-	-	-	-	-	-
10	Hostel Security & Maintenance Charges	7,500.00	-	-	-	-	-	-	-	-	-
	Grand Total	35,550.00	15,700.00	17,750.00	15,700.00	17,750.00	15,700.00	17,750.00	15,700.00	17,750.00	15,700.00

**DETAILED COMPONENTS OF THE ACADEMIC FEES OF UNDER GRADUATE (UG) PROGRAMME OF NIT MIZORAM
W.E.F JULY, 2023 ONWARDS (AY: 2023-2024)**

S. No.	Particulars	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem	7th Sem	8th Sem
1	Tuition Fees	62,500.00	62,500.00	62,500.00	62,500.00	62,500.00	62,500.00	62,500.00	62,500.00
2	Registration Fees	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
3	Library Deposit (Refundable)	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
4	Library Fees	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
5	Student' Activity Fees	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
6	Identity Card	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Internet Fees	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
8	Laboratory Fees	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
9	Student Aid Fund	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
10	Campus Development Fess	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
11	Examination Fees & Grade Card Fees	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
12	Medical Aid Fund	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
13	Training & Placement Fees	0.00	0.00	0.00	0.00	1,000.00	1,000.00	1,000.00	1,000.00
14	Convocation Fees	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,000.00
15	Degree Certificate Fees	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00
16	Alumni Fees	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00
G. TOTAL		75,200.00	75,000.00	75,000.00	75,000.00	76,000.00	76,000.00	76,000.00	79,500.00

Note:

1. Loss of Student's ID Card entails a fine of Rs. 500.00 for re-issuance of new ID Card.
2. Duplicate Marksheets shall be issued only after following due procedure.
3. For Duplicate Marksheets & Degree Certificate, Fees payable is Rs. 500.00 per Marksheet and Rs. 1,000.00 per Degree Certificate respectively.
4. Tuition Fee is as decided by the NIT Council.
5. Tuition Fees Waiver shall be applicable as per the MHRD Order F.No.33-4/2014-TS.III dated 24.06.2016 & F.No. 33-4/2014-TS.III dated 02.07.2016

**DETAILED COMPONENTS OF THE HOSTEL FEES OF UNDER GRADUATE (UG) PROGRAMME OF NIT MIZORAM
W.E.F JULY, 2023 ONWARDS**

S. No.	Particulars	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem	7th Sem	8th Sem
1	Caution Money (Refundable)	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Hostel Admission Fees (One Time Payment)	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Room Rent	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00
4	Electricity Charges	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
5	Water Charges	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
6	Recreation Fees	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
7	Crockery+ Breakage Fees	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00
8	Welfare Fund	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00
9	Transportation Fees	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
10	Hostel Security & Housekeeping Service Fees	7,500.00	0.00	7,500.00	0.00	7,500.00	0.00	7,500.00	0.00
G. TOTAL		27,500.00	10,000.00	19,500.00	10,000.00	19,500.00	10,000.00	19,500.00	10,000.00

**DETAILED COMPONENTS OF THE ACADEMIC FEES OF POST GRADUATE (PG) PROGRAMME OF NIT MIZORAM
W.E.F JULY, 2023 ONWARDS (AY: 2023-2024)**

S. No.	Particulars	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem
1	Tuition Fees	35,000.00	35,000.00	35,000.00	35,000.00
2	Registration Fees	200.00	200.00	200.00	200.00
3	Library Deposit (Refundable)	2,000.00	2,000.00	2,000.00	2,000.00
4	Library Fees	1,000.00	1,000.00	1,000.00	1,000.00
5	Student' Activity Fees	2,000.00	2,000.00	2,000.00	2,000.00
6	Identity Card	200.00	0.00	0.00	0.00
7	Internet Fees	1,000.00	1,000.00	1,000.00	1,000.00
8	Laboratory Fees	1,500.00	1,500.00	1,500.00	1,500.00
9	Student Aid Fund	500.00	500.00	500.00	500.00
10	Campus Development Fess	3,000.00	3,000.00	3,000.00	3,000.00
11	Examination Fees & Grade Card Fees	1,000.00	1,000.00	1,000.00	1,000.00
12	Medical Aid Fund	300.00	300.00	300.00	300.00
13	Training & Placement Fees	0.00	0.00	1,000.00	1,000.00
14	Convocation Fees	0.00	0.00	0.00	2,000.00
15	Degree Certificate Fees	0.00	0.00	0.00	500.00
16	Alumni Fees	0.00	0.00	0.00	1,000.00
G. TOTAL		47,700.00	47,500.00	48,500.00	52,000.00

Note:

1. Loss of Student's ID Card entails a fine of Rs. 500.00 for re-issuance of new ID Card.
2. For Deuplicate Marksheets & Degree Certificate, Fees payable is Rs. 500.00 per Marksheet and Rs. 1,000.00 per Degree Certificate respectively.
3. Tution Fees Waiver shall be applicable as per vide MHRD No. F. 35-9/2019-TS.III dated 26.12.2019 & vide Order No. NITMZ/ACAD-7/CONCESSION/10/2021/5421 dated 30.08.2023

**DETAILED COMPONENTS OF THE HOSTEL FEES OF POST GRADUATE (PG) PROGRAMME OF NIT MIZORAM
W.E.F JULY, 2023 ONWARDS**

S. No.	Particulars	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem
1	Caution Money (Refundable)	7,500.00	0.00	0.00	0.00
2	Hostel Admission Fees (One Time Payment)	500.00	0.00	0.00	0.00
3	Room Rent	2,500.00	2,500.00	2,500.00	2,500.00
4	Electricity Charges	1,500.00	1,500.00	1,500.00	1,500.00
5	Water Charges	1,500.00	1,500.00	1,500.00	1,500.00
6	Recreation Fees	500.00	500.00	500.00	500.00
7	Crockery+ Breakage Fees	1,000.00	0.00	1,000.00	0.00
8	Welfare Fund	1,000.00	0.00	1,000.00	0.00
9	Transportation Fees	4,000.00	4,000.00	4,000.00	4,000.00
10	Hostel Security & Housekeeping Service Fees	7,500.00	0.00	7,500.00	0.00
G. TOTAL		27,500.00	10,000.00	19,500.00	10,000.00

**DETAILED COMPONENTS OF THE ACADEMIC FEES FOR Ph.D PROGRAMME OF NIT MIZORAM
W.E.F JULY, 2023 ONWARDS (AY: 2023-2024)**

S. No.	Particulars	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem	7th Sem	8th Sem
1	Tuition Fees	7,500.00	7,500.00	7,500.00	7,500.00	7,500.00	7,500.00	7,500.00	7,500.00
2	Registration Fees	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
3	Library Deposit (Refundable)	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
4	Library Fees	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
5	Identity Card	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Examination Fees & Grade Card Fees	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Internet Fees	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
8	Laboratory Fees	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
9	Student Aid Fund	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
10	Campus Development Fess	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
11	Medical Aid Fund	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
12	Convocation Fees	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Degree Certificate Fees	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Alumni Fees	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G. TOTAL		22,200.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00

Note:

1. Loss of Student's ID Card entails a fine of Rs. 500.00 for re-issuance of new ID Card.
2. For Duplicate Marksheets & Degree Certificate, Fees payable is Rs. 500.00 per Marksheet and Rs. 1,000.00 per Degree Certificate respectively.

**DETAILED COMPONENTS OF THE HOSTEL FEES FOR Ph.D PROGRAMME OF NIT MIZORAM
W.E.F JULY, 2023 ONWARDS (AY: 2023-2024)**

S. No.	Particulars	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem	7th Sem	8th Sem
1	Caution Money (Refundable)	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Hostel Admission Fees (One Time Payment)	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Room Rent	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00
4	Electricity Charges	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
5	Water Charges	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
6	Recreation Fees	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
7	Crockery+ Breakage Fees	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00
8	Welfare Fund	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00
9	Transportation Fees	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
10	Hostel Security & Housekeeping Service Fees	7,500.00	0.00	7,500.00	0.00	7,500.00	0.00	7,500.00	0.00
G. TOTAL		27,500.00	10,000.00	19,500.00	10,000.00	19,500.00	10,000.00	19,500.00	10,000.00

DEPARTMENT OF BASIC SCIENCE & HUMANITIES & SOCIAL SCIENCES

The Department of Basic Sciences and Humanities Social Sciences was established in the year 2010 along with the establishment of the Institute. The department spans courses in natural, humanities and social sciences. The department comprises different subjects namely Physics, Chemistry, Mathematics, Economics and English. The Department of BS&HSS is devoted to fostering the fundamental principles and understanding of science to enhance the student's basic knowledge of engineering.

BTech Program in Mathematics and Computing

The Department of Mathematics (BS&HSS) is starting a four-year BTech program in Mathematics and Computing from the Academic Year 2023-24 with an intake of 10 students. The program's aim is to produce leaders who will be at the forefront of technological development, cutting edge of innovation in futuristic disciplines and next-generation technologies that require an extensive understanding of mathematics, computer science, and data science. The four-year BTech in Mathematics and Computing Programme is a specialized undergraduate degree programme that combines mathematics and computer science. This Programme is intended to provide students with the skills and knowledge required to develop computational methods for solving complex mathematical problems, as well as to analyze and design computer algorithms and systems using mathematical techniques.

The program is typically structured to cover core topics in mathematics, such as calculus, linear algebra, probability theory, and statistics, as well as fundamental concepts in computer science, such as programming, data structures, algorithms, and computer architecture. Students also have the opportunity to choose from a wide range of elective courses.

The BTech in Mathematics and Computing programme is ideal for students who are passionate about mathematics and its applications in computer science. Graduates of this programme are well-prepared to work in a variety of fields, including software development, data analytics, finance, scientific computing, and research and development in industry, academia, and government sectors.

The department has total six faculty who are well qualified and enthusiast for teaching and research activities, the brief detail of the faculty members are given below:

Faculty Details

S. No.	Name of the Faculty	Designation	Discipline	Qualification
1.	Prof. Alok Shukla	Professor	Physics	Ph.D.
2.	Prof. Ajmal Koya Pulikkal	Professor	Chemistry	Ph.D.

3.	Dr. K. Gyanendra Singh	Associate Professor	Economics	Ph.D.
4.	Dr. Vinay Singh	Assistant Professor	Mathematics	Ph.D.
5.	Dr. Shuchi	Assistant Professor & HoD	English	M.Phil., Ph.D.
6.	Dr. Surender Ontela (on-lien)	Assistant Professor	Mathematics	Ph.D.
7.	Dr. Nikhil Srivastava	Temporary Faculty	Mathematics	Ph.D.

The department also has one visiting faculty Prof. R. Balaji from the Department of Mathematics, IIT Madras for the academic year 2023-24. He has taught UG-level courses like Linear Algebra & Applications and Convex Optimization: Theory & Algorithms.

Staff Details

S. No.	Name	Designation	Department
1.	Mr. J. Rozamliana	Technical Assistant	Chemistry

PUBLICATION DETAILS

S.No	Name of the Faculty	Designation	Specialization	No. of Publications
1	Prof. Alok Shukla	Professor	Materials Science	Journals: 50 Conf. Proc.: 10 Book Chapter: 02
2	Prof. Ajmal Koya Pulikkal	Professor	Physical Chemistry	Journals: 48 Book Chapter: 01
3	Dr. K. Gyanendra Singh	Associate Professor	Development Economics	Journals: 15 Book: 1 Book Chapter: 15
4	Dr. Vinay Singh	Associate Professor	Nonsmooth optimization, Robust optimization, Bilevel optimization, switching constraints, vanishing constraints	Journals: 22 Conf Proc.: 06 Book Chapters: 05
5	Dr. Shuchi	Associate Professor	Indian Writing in English, Children's Literature, Eco-feminism	Journals: 18 Conference Proc.: 09 Book Chapters: 09

6	Dr. Nikhil Srivastava	Temporary faculty	Numerical Methods for Fractional PDEs, Operational Matrix Method	Journals: 8 Conf Proc.: 0 Book Chapters: 0
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The department as of now only offers Ph.D. programmes in various subjects. The number of registered and degree awarded Ph.D. Students is 41 and 12 respectively. There is no UG and PG program offered by the department.

The department has three labs in Physics, Chemistry and English subjects. The Department of Physics & Chemistry defines its mission in the context of academic excellence, scientific rigor, and scientific integrity. The department has a laboratory with requisite instruments and apparatus to meet the requirements of the UG syllabus. The laboratory is assisted by experienced lab assistants.

The details of major equipment are as follows:

Sl. No.	Labs	Major Research Equipment
1.	Chemistry Lab	Tensiometer FTIR Spectrometer UV-Vis Spectrophotometer Fluorescence Spectrophotometer DLS
2.	Physics Lab	High energy Ball Mill PE Loop Tracer Phase sensitive meter (PSM), N4L
3.	Language Lab	N/A
4.	Research / Computational (Mathematics)	Lab is equipped with 30 latest all in one desktop computers including the software such as Wolfram Mathematica, MATLAB, Origin Pro, Lingo, MS Office, etc.



Physics Lab Room, NIT Mizoram



Physics Lab Room, NIT Mizoram



Equipment - Ball Milling Machine and PE Loop Tracer



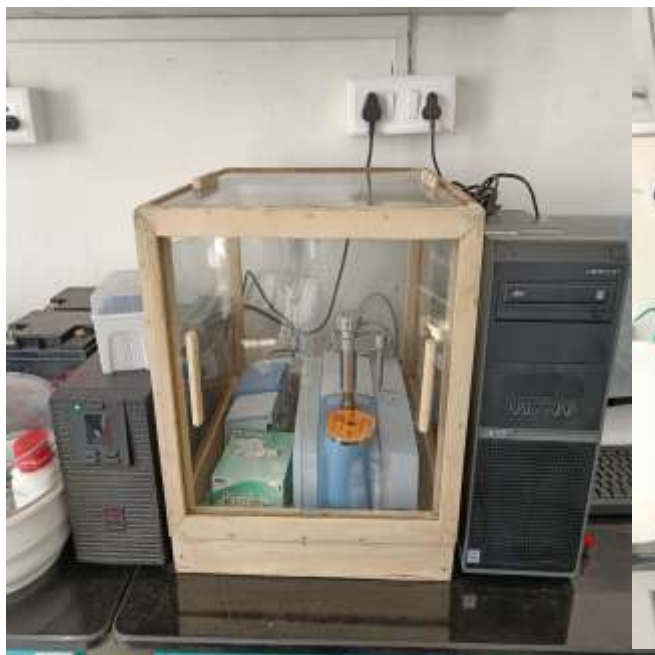
Equipment - UV Vis Spectrophotometer



B.Tech Lab (Chemistry)



Research Lab (Chemistry)



FTIR Spectrometer



Tensiometer

RESEARCH & CONSULTANCY PROJECTS IN THE DEPARTMENT

SI No	Name of the faculty	Project Title/Funding Agency	Project Status	Sanctioned Amount (INR)
1	Prof. Alok Shukla	Development of Modified Bi-based Nanosized Electronic Materials for Multiferroic Applications (SERB)	Completed	38.82 Lakhs
2	Prof. Ajmal Koya Pulikkal	Physicochemical Properties of Amphiphilic Drugs: Effects of Addition of Organic Solvents (SERB)	Completed	22.98 Lakhs
3	Dr. K. Gyanendra Singh	Efficient Synthesis of Organic Compounds: Effects of Self-Assembled Systems of Cationic Conventional and Gemini Surfactants	Ongoing	23.56 Lakhs
4	Dr. K. Gyanendra Singh	Economic Valuation of Loktak Lake for Sustainable Use (ICSSR)	Completed	6 Lakhs
5	Dr. K. Gyanendra Singh	Preference over Multi-Modal Mobility Options of Urban Dwellers: A Case of Aizawl City in Mizoram (ICSSR)	Completed	10 Lakhs
6	Dr. K. Gyanendra Singh	MGNREGS and Rural Development: A Case study in the state of Mizoram (NEC Shillong)	Ongoing	8 Lakhs

No of PhD students in the Dept. (Full-Time/Part-Time/Self-financed) = 45

S. No.	Name of the faculty	Full- Time	Part-Time	Self-Financed	Total
1.	Prof. Alok Shukla	3	2	0	5
2.	Prof. Ajmal Koya Pulikkal	5	5	6	16
3.	Dr. K. Gyanendra Singh	4	3	0	7
4.	Dr. Vinay Singh	3	1	1	5
5.	Dr. Shuchi	2	2	4	8
6.	Dr. Surender Ontela	4	7	1	12

Number of PhDs awarded: 12

Physics: 05

Chemistry: 01

Economics: 03

Mathematics: 02

English: 01

Scope for the students:

Applied science knowledge enables students to face the fast-changing world of Technology. The department also aspires to students and scholars for an overall development to enable them to meet the prevailing challenges of the global society with engineering tools.

DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering started functioning from July, 2014. Currently, there are 5 regular faculties, 2 temporary faculties and 1 Technician. The Department offers four years Undergraduate Programme with a student capacity intake of 38 students, 2 years Masters programme with an intake of 10 students and PhD Programme in various disciplines of Civil Engineering.

FACULTIES:

SI No	Name of Faculties	Designation	Specialisation
1	Dr. Sanasam Vipej Devi	Assistant Professor & HOD	Structural Engineering
2	Dr. Bijayananda Mohanty	Associate Prof.	Geotechnical Engineering
3	Dr. Ricky Lalthazuala	Assistant Professor	Structural Engineering
4	Dr. Vanapalli Kumar Raja	Assistant Professor	Environmental Engineering
5	Dr. Amit Yadav	Assistant Professor	Structural Engineering
6	Dr. Naseeba Parveen	Temporary Faculty	Environmental Engineering
7	Dr. Ayan Das	Temporary Faculty	Structural Engineering

TECHNICAL STAFF:

S. No.	Name	Designation
1.	Ms. Laltanpuii	Technician

STUDENTS:

The Department presently has 106 Undergraduate, 5 Postgraduate and 23 PhD students. The details of students are tabulated as follows:

SI No	Student Type	Total Students
1	B. Tech 1 st year	29
2	B. Tech 2 nd year	27
3	B. Tech 3 rd year	23
4	B. Tech 4 th year	27
Total Undergraduate students		106
5	M. Tech 1 st year	5
Total Post graduate students		5
5	PhD Regular Students (Availing Stipend)	11
6	PhD Non-Regular Students (Part-time and Self-financed)	12
Total PhD students		23

LABORATORIES:

The Department is currently functioning with 3 laboratories in order to fulfill the undergraduate courses. The details of the laboratories in the Department are tabulated as follows:

1. Concrete Laboratory
2. Surveying Laboratory
3. Hydraulics Laboratory
4. Environmental Laboratory
5. Geotechnical Laboratory
6. Structure Laboratory
7. Computational Laboratory



Figure 1 Los Angeles Abrasion Testing Equipment (Concrete Laboratory)



Figure 2 Flexure Test Machine (Concrete Laboratory)



Figure 3 Total Station (Surveying Laboratory)



Figure 4 Theodolite (Surveying Laboratory)



**Figure 5 Flow Channel Apparatus
(Hydraulics Laboratory)**



**Figure 6 Submersible Pump Apparatus
(Hydraulics Laboratory)**



Figure 7 Geotechnical Engineering Laboratory Equipments



Figure 8 Environmental Engineering Laboratory



Figure 9 Computational Laboratory



Figure 10 Concrete Laboratory equipment

PUBLICATIONS AND CITATIONS:

The Department contribution towards publications in SCI/Scopus indexed journals and conferences (Source -Google Scholar) are tabulated as follows:

Name of Faculty	No of Journals papers	No of Conference papers
Dr. Ricky Lalthazuala	6	2
Dr. Bijayananda Mohanty	30	22
Dr. Sanasam Vipej Devi	6	6
Dr. Vanapalli Kumar Raja	23	1
Dr. Amit Yadav	10	4
Dr. Naseeba Parveen	9	-
Dr. Ayan Das	9	5

RESEARCH GRANTS:

Sl. No.	Description	Consultant	Amount (INR)	Status
1	A Fintech application for Cost Benefit portfolio suggestion regarding Quality assessment of locally available aggregate concrete using recycled waste and bamboo as partial replacements versus traditional concrete	Dr. Ricky Lalthazuala, Dr. Sanasam Vipej Devi & Dr. Lenin Laitonjam	44,00,000	Ongoing

2	Training and Skilling Manpower for Smart Solid Waste Management in Urban Hilly Areas	Dr. H. Lalhmingsanga & Dr. Vanapalli Kumar Raja	7,00,000	Ongoing
3	Assessing the Strength and Durability of Stabilized Clayed Soil by Incorporating Polyethylene Terephthalate (PET) Granules.	Dr. Bijayananda Mohanty	2,00,000	Ongoing
4	AI-Enhanced Smart Home Waste Bins: Revolutionizing Source Segregation for Household Waste Management	Dr. Vanapalli Kumar Raja	2,00,000	Ongoing
5	Torsional performance of high strength steel rectangular hollow tube with multiple perforations	Dr. Sanasam Vipej Devi	2,00,000	Ongoing
6	Lightweight Design of Variable Stiffness Composite Plates and Shells for Aerospace Application Enabled by Multi-objective Genetic Algorithm	Dr. Amit Yadav	2,00,000	Ongoing
7	Effect of perforation and stiffeners on stainless steel members	Dr. Ricky Lalthazuala	2,00,000	Ongoing
8	Structural Redesign of T-Beam Bridge at Damdai River	Dr. Ricky Lalthazuala	4,72,000	Ongoing
9	Proof Checking-Construction of Composite Superstructure Bridge across River Langkaih in Mizoram	Dr. Ricky Lalthazuala	2,36,000	Ongoing

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The Dept. of CSE is amongst the three first departments which started during the inception of the Institute at VNIT Nagpur in the year 2010 with only under graduate programme. Currently it is one of the most sought after departments of the Institute. Doctoral programme started in the department from the year 2015. Later Master degree (M.Tech) started in the year 2018. To cope up with the growing demand for the current trends of Computer Science, a new programme, Dual Degree in Data Science under the umbrella of Center for Inter-Disciplinary Research (CIR) also has been started for the students. Pertaining to the NEP 2020, it will award both B.Tech & M.Tech degrees after completion of 5 years. The department has seen many colors in terms of academic performance and placement over the years. Students of the department are often selected for internships with reputed universities of Germany, IITs among many others as well as in Software firms. The department manages the Institute network infrastructure along with the ERP system and Website.

FACULTIES

Sl No	Name of Faculty	Designation	Area of Specialisation
1	Dr. Sandeep Kumar Dash	Assistant Professor	Natural Language Processing, Machine Learning, Deep Learning
2	Dr. Lenin Laitonjam	Assistant Professor & HOD	Natural Language Processing
3	Dr. Vaibhav Malviya	Assistant Professor	Social Robot, Deep Learning, Artificial Intelligent, Computer Vision
4	Dr. Lalhruaizela	Assistant Professor	Wireless networks, Communication
5	Dr. Ashish Singh Patel	Assistant Professor	Artificial Intelligence, Computer Vision, Semantic Web, Multi-access Edge Computing
6	Dr. C. Lalengmawia	Temporary faculty	Quantum Computing, Image processing, Steganography
7	Dr. Ranjita Das (on-lien)	Assistant Professor	Pattern recognition, Evolutionary algorithm, Data mining

TECHNICAL STAFFS

Sl No	Name of Staff	Designation
1	Mrs. Sujata Dash	Technical Assistant (System)
2	Mr. R Zohmangaiha	Technician

PROGRAMMES OFFERED

SI No	Name of Programme	Specialisation
1	B.Tech	Computer Science & Engineering
2	M.Tech	Computer Science & Engineering
3	PhD	Machine Learning, Computational Biology, NLP, Wireless Sensor Networks, Robotics and AI, Semantic Web, Multi-access Edge Computing, Networks, Communication

LABORATORIES

The Department is having the following labs:

Network Lab (*10 Advance LAN Trainer Kit (Benchmark), Network Security And Cryptography Kit (Benchmark), Network System Training Kit (Benchmark)*)

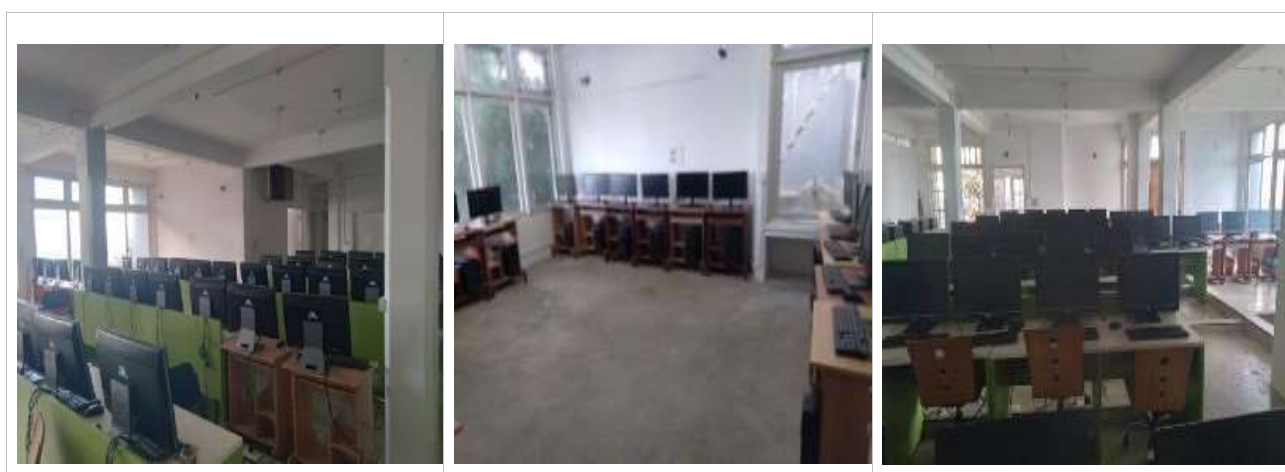
Database Lab (*Oracle 12C Enterprise Edition*)

Software Engineering Lab (*IBM Rational Suite Enterprise Edition*)

Microprocessor Lab (*Trainer Kits*)

Programming Lab

Advanced Computing Lab



PROJECTS

SI No	Title of Projects	Funding Agency	Name of Faculty	Budget (in Lakhs)	Status
1	Textual Instructions to Virtual Action	Department of Science & Technology-German Academic Exchange Service (DST- DAAD)	Dr. Partha Pakray (Left the Institute)	Rs. 18.90	Completed

2	An Application of Textual Entailment and Semantic Similarity in Scientific Document Retrieval System	SERB, DST	Dr. Partha Pakray (Left the Institute)	Rs. 18.31	Completed
3	Integrated software for analyzing single cell RNA sequencing	Department of Biotechnology under NECBH scheme	Dr. Ranjita Das (on-lien)	Rs. 11.74	Completed
4	Identification and characterization of glioblastoma tumour cell from the Single- cell RNA-seq data using Machine learning approaches sequencing	SERB, DST	Dr. Ranjita Das (on-lien)	Rs. 18.54	Ongoing
5	A platform For Cost-Efficient Public Health Service Delivery in Mizoram	TIH IIT Bhilai	Dr. Lalhruaizela, Dr. Sandeep K. Dash	Rs. 37	Ongoing
6	Economic Optimization Platform for Public Transport System of Mizoram	TIH IIT Bhilai	Dr. Lalhruaizela, Dr. Sandeep K. Dash	Rs. 32.50	Ongoing

NO OF PHDs

SI No	PhDs completed	PhDs ongoing
1	5	>30

PUBLICATIONS

The students and faculties of the department have published their research works in many of the reputed peer reviewed journals.

Computer Science Society

The department has a technical group, consisting of faculties and students, by the name of Computer Science Society which organises various academics related activities such as Hackathon, Coding fest etc for the benefit of all the students of the Institute.

ALUMNI:

Alumni of the department have enrolled for master's programs in IIT Guwahati, IIT Madras, New York University and many more. Alumni of the department are placed in reputed firms as BPCL, TCS, INFOSYS, ACCENTURE, TEXAS INSTRUMENTS, GAMECRAFT, DELOITTE etc.

Department of Electronics and Communication Engineering

The department of Electronics & Communication Engineering in NIT Mizoram commenced its journey in 2010 in VNIT Nagpur campus and later shifted to Aizawl. The first B. Tech batch passed out in 2014. Once a toddler, the department has gradually spread its wings and now offers four programmes namely, B.Tech, M.Tech in Microelectronics and VLSI System Design, Dual Degree with M.Tech in Computational Nanotechnology and Semiconductors, and Ph.D along with Minor in VLSI and Semiconductor Technology. The department is presently functioning in three academic blocks. The Academic Block II has the classrooms and a Computer and Simulation Laboratory. This laboratory is used for software based practical courses and is equipped with a number of essential software. The regular M.Tech and Ph.D research scholars carry out their simulation works in this laboratory. The Academic Block III has a faculty room and three laboratory rooms where most of the hardware based practical courses related to Communication, Analog and Digital Circuits, Integrated Circuits and Microprocessors & Microcontrollers are executed. The Academic Block IV has a faculty room, another Computer and Simulation laboratory and a RF & Microwave Engineering Laboratory. This is a state-of-art laboratory which, along with the B. Tech practical course, facilitates experimental research of Ph.D scholars.

The Department has 7 (Seven) faculty members and 1 (One) Technician. Out of the 7 (Seven) faculty members; 1 (One) is Associate Professor, 4 (Four) are Assistant Professors, and 2 (Two) are Temporary Faculty (details are tabulated below). The faculty members are very dedicated towards teaching and research. They ensure that quality education is imparted to the students so that they are bestowed with proper knowledge and aptitude to choose career options either in industry or in academics. The broad areas of research of the faculty members encompass the domains of RF & Microwave Engineering, VLSI, Semiconductor Devices, Nanotechnology and Communication Systems. The active involvement of the faculty members in research has resulted in significant research publications in internationally reputed journals and conferences. The department has two completed and one ongoing Govt. sponsored projects. 05 students have been awarded Ph.D in the department. The faculty members have published over 180 papers in reputed journals and conferences in the last five years. There are 07 patents granted to Dr. Rudra Sankar Dhar. The alumni of the department have been engaged in very prestigious services as employees like Indian Engineering Services ECIL, BEL, Indian Railways, Airport Authority of India, Texas Instruments, Intel, Samsung, Vedanta, Infosys, Wipro, TCS, etc. Students have opted for higher studies in institutions like Univ. of North Carolina, USA, Defense Inst. of Advanced Technology, IIT-BHU, IIT Bombay, IIT Gandhinagar, IIT Guwahati, etc.

The Department has 30, 32, 34, 24 students in B.Tech 1st, 2nd, 3rd and 4th year respectively. There are 4 Dual Degree students in 1st year. Apart from teaching regular subjects, the department organizes various short-term courses and expert lectures where resource persons from various reputed Institutes are invited to deliver talks on cutting edge technologies pertaining to ECE so that the students are aware of the newest developments in the frontiers of technology.

Apart from semester exams, the progress of the students is monitored by the respective subject coordinators through various assignments and quizzes. The department has separate programme coordinators to resolve any issues related to B.Tech, M.Tech and Ph.D students. The students have been given freedom to approach the faculty members with any subject related problems. Multi-disciplinary courses are offered in the B.Tech curriculum and elective courses are offered by keeping in mind the recent trends in technology nation-wide. The students are encouraged to undertake industrial internship of atleast a month and there is a separate credit course to emphasize on this matter.

The department in amalgamation with the newly developed Center of Interdisciplinary Research has opened Dual-Degree (BTech-MTech) 5-year programme with M.Tech specialization in Computational Nanotechnology and Semiconductors. Eligible candidates from 3rd year BTech can opt for the programme.

The department is still in a growing stage with developments being made in laboratory facilities and promulgating more in-depth knowledge with student-centric teaching methods. The cordial environment created through the hand-holding of teachers and students has sustained the nurturing of proper education with a promise of a better future ahead.

Faculty Details:

Sl no.	Name	Designation	Specialization	No of publications
1	Dr. Sushanta Bordoloi	Assistant Professor & HoD	VLSI, TCAD Modeling, Compound Semiconductor	Jour & Conf: 13 Book Chapters: 04
2	Dr. Rudra Sankar Dhar	Associate Professor	Nanotechnology, Microelectronics, TCAD, Quantum devices, VLSI, Bio-electronics, Green Technology	Jour & Conf: 137 Books: 03 Book Chapters: 12 Patents: 12
3	Dr. Chaitali Koley	Assistant Professor	Microwave Communication	Jour & Conf: 67 Book Chapters: 9
4	Dr. Anumoy Ghosh	Assistant Professor	RF & Microwave Engineering, Metamaterials	Jour & Conf: 45
5	Dr. K. Vanlalawmpuia	Assistant Professor	Semiconductor Devices, Modeling and Simulation, Sensing Applications	Jour & Conf: 21 Book Chapters: 2
6	Dr. Pragati Singh	Temporary Faculty	Microelectronics & VLSI Design, Device and Circuit Modeling	Jour & Conf: 18
7	Dr. Trigunesh Narzary	Temporary Faculty	RF and MEMS	Jour & Conf: 6

Technical Staff:

Sl no.	Name	Designation
1	Mr. Mishal Deb	Technician

Project Details

Sl No	Title of Projects	Funding Agency	Name of Faculty	Budget (in Lakh)	Status
1	Development of Smart Technology based on Nano-Material Membrane	DST- Nano Mission, GoI	Dr. Rudra Sankar Dhar	83.93	Completed
2	An FPGA based adaptive feedback based reversible watermarking by difference expansion algorithm	Ministry of Electronics and Information Technology (MeiTY), GoI	Dr. Chaitali Koley	100	Completed
3	Board level implementation of Air quality monitoring System				
4	Shallow Water Image Enhancement Using Deep Learning	ART (AI & Robotics Technology) Park, IISc Bangalore	Dr. Chaitali Koley	4.2	Completed
5	Design and Analysis of RF Section for Ka-band Vacuum Electronics Devices	Indian Institute of Technology Guwahati Technology Innovation and Development Foundation (IITG TI&DF)	Dr. Chaitali Koley	25	Ongoing
6	Development of QWB Strained Channel Nanowire GAAFET for SuperFast Switching	Science and Engineering Research Board, Department of Science and Technology, GoI	Dr. Rudra Sankar Dhar	26.17	Ongoing
7	A Low Power Edge Enabled Smart and Secure Precision Agriculture Ecosystem	Ministry of Electronics and Information Technology (MeiTY), GoI	Dr. Chaitali Koley	109.90	Ongoing
8	AI assisted end to end Fintech assistance solutions for farming system for oil seeds (mustard, sunflower, etc.) cultivation in Mizoram” under the Tribal Area Sub Plan (TSP) scheme of IBITF	IIT Bhilai Innovation and Technology Foundation, DST(GoI)	Dr. Chaitali Koley and Dr. Sushanta Bordoloi	36.86	Ongoing
9	Design and Characterization of Circularly Polarised Reflectarray Antenna with Beam Switching Ability for mm Wave Communication in Deep Sea Exploration	IIT Guwahati Technology Innovation and Development Foundation, DST (GoI)	Dr. Anumoy Ghosh	15	Ongoing

10	Design and Experimental Characterization of mm wave Massive MIMO Hybrid Beamforming Antenna System with Beam Steering Ability for mm Wave 5G Applications	3V Technix	Dr. Anumoy Ghosh	18.34712	Ongoing
11	A platform For Cost-Efficient Public Health Service Delivery in Mizoram	IIT Bhilai Innovation and Technology Foundation, DST (GoI)	Dr. K Vanlalawmpuia	37	Ongoing

Details of Patent Awarded

Sl. No	Title	Patent Category	Date of Grant	Inventor	Patent No.
1	A M-O-(SI/SIGe/SI) Structured Device of Tri-Layered Nanosystem Semiconductor and its Process Thereof	Australian International Patent	20.04.2022	Dr. R. S. Dhar, and others	Awarded (2021105085)
2	Crowd Detection Intelligent Camera to Prevent Covid-19 or any Other Need	Australian International Patent	16.03.2022	Dr. R. S. Dhar, and others	Awarded (2021103400)
3	Machine Learning and Artificial Intelligence Based Intelligent Controlling and Monitoring System for an Automatic Air Conditioner	Australian International Patent	16.03.2022	Dr. R. S. Dhar, and others	Awarded (2021102668)
4	A Nanosystem Device for Faster Switching with Reduced Leakage and its Preparing Process Thereof	Australian International Patent	27.10.2021	Dr. R. S. Dhar, and others	Awarded (2021105335)
5	A Nano-Composite Based Smart Membrane Device with Enhanced Performance and its Preparation Process Thereof	Australian International Patent	27.10.2021	Dr. R. S. Dhar, and others	Awarded (2021105410)
6	Intelligent System for Management of Medical Oxygen Demand from COVID Patients based on Artificial Intelligence & Method of Thereof	Australian International Patent	16.06.2021	Dr. R. S. Dhar, and others	Awarded (2021102579)
7	Intelligent Ear phone System for Remote Health Monitoring using Artificial Intelligence	Australian International Patent	23.06.2021	Dr. R. S. Dhar, and others	Awarded (2021102658)
8	An Underlap Induced Nano System with Strained-Si Channel Based Double Gate Nano-Field Effect Transistor (DG-FET)	Republic of South Africa International Patent	31.05.2023	Dr. R. S. Dhar, and others	Patent No. 2023/02597

9	A Nano-device using Ultra-thin Tri-layered Strained-channel for Enhancing Drive Currents in Tri-gate FinFET Architecture	Republic of South Africa International Patent	31.05.2023	Dr. R. S. Dhar, and others	Patent No. 2023/02593
10	A Nanosystem-Based Device using Ultrathin Tri-layered HOI Channel with Increased Drive Currents in Rectangular Gate	Republic of South Africa International Patent	31.05.2023	Dr. R. S. Dhar, and others	Patent No. 2023/02841
11	A Nanowire System for Faster Switching with Enhanced ON-current and its Preparing Process Thereof	Republic of South Africa International Patent	31.05.2023	Dr. R. S. Dhar, and others	Patent No. 2023/02847
12	Ultra-Thin Composite of Hetero-Semiconductor Assembly Loaded onto Oxide/Metal Forming A Five-Layered Dielectric Based Capacitive System At Nano Regime	Indian Patent	March 2024	Dr. R. S. Dhar, and others	Patent No. 528098
13	An Optimized Hetero-structure Vertical Tunnel Based FET Device for Enhanced Electrical Performance	German Patent	15.03.2024	Dr. K. Vanlalawmpuia	Awarded (202024100509)

PhD student details

SI No	No. of PhD Awarded / Submitted	No. of PhD Ongoing (Full-time & Part-time)
1	11	40+

Laboratory Details



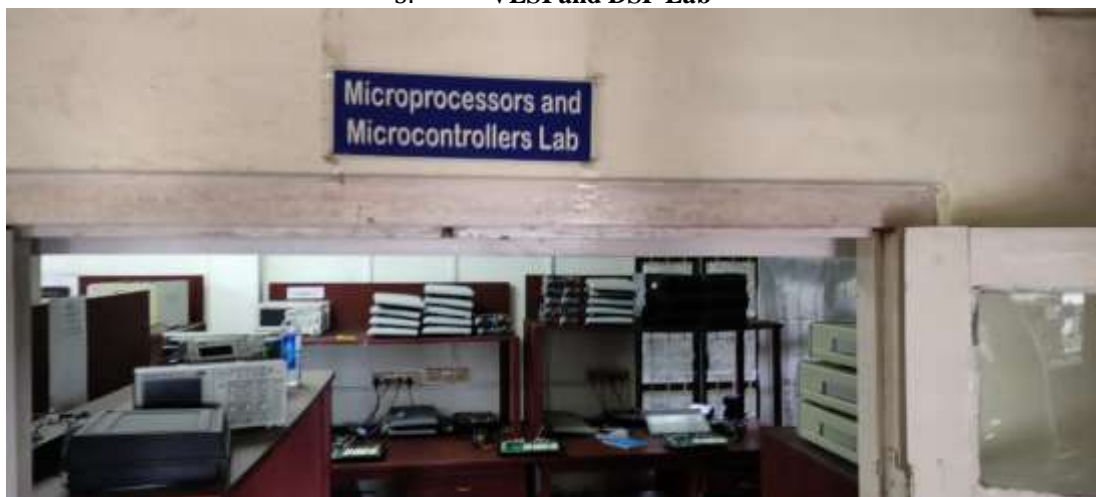
1. Analog Circuit Lab



2. **Analog and Digital Communication Lab**



3. **VLSI and DSP Lab**



4. **Microprocessor and Microcontroller Lab**



5. Digital Circuits Lab



6. Device Characterization Lab

Department of Electrical Engineering

Electrical Engineering department is starting from 2023-2024 session and earlier the department name was Electrical and Electronics Engineering and it was one of the first three disciplines in the B. Tech program that had started since inception of NIT Mizoram in July 2010. Presently the department offers B.Tech, M.Tech and PhD programs. The B. Tech program was started in 2010 with an intake of 30 students, M.Tech program was started with an intake of 10 students offering specialization in Power Electronics and drives from 2016 onwards. The department offers Ph.D program in wide area of research as a regular, self-financed, sponsored, and part-time mode since 2015. At present there are eight faculty members having a good academic experience dedicated to share the knowledge to the students which help them achieving their goals. The Department aims to impart high quality education to the students and carry out fundamental and industry oriented research work. The research interests of faculties include various areas of Electrical engineering such as Soft computing application in Power System Control, Power Electronics & Machine Drives, Control System and Instrumentation, Non-conventional Energy system, High Voltage Engineering, Electric vehicles etc. The department has well-equipped laboratory facilities for the students such as Electrical Machine Lab, Basic Electrical and Network lab, Power System Simulation Lab, Control & Instrumentation Lab, Power Electronics & Drives Lab are available with the department.

The department has also a Computer and Simulation Lab equipped with following software to work on it: MATLAB, PSCAD, ETAP, and PSIM. Students can access this lab for internet access also. A good number of journal papers, conference papers, and book chapters have been published by the departmental faculty and students. At present 22 students are pursuing Ph.D in the department and 4 have already been awarded the Ph.D degree. One research project on the topic “Analysis, Design and Control of Active Magnetic Bearing for High Speed Application” sponsored by DST SERB is completed. The department has received 2 Patents and 3 more are filed. A department faculty works for Tripura State Electricity Corporation as a consultant. Students Achievements: The students of the department are getting placed in the reputed companies such as Infosys, TCS, Cognizant, Wipro, Samsung, L&T, Vedanta, Power Grid Corporation of India Ltd (PGCIL) etc. with a sound salary packages. Many students went for higher education in premier institutions of India and abroad such as IIT Bombay, IIT Roorkee, IIT Dhanbad, IIT Patna, NIT Surathkal, NIT Silchar, University of Queensland, etc. The campus placement for 2022 outgoing B.Tech batch is 80.95% (till March 2022) out of all the eligible students, it was 75% for 2021 outgoing batch. The highest package to the student of the department in the year 2022 placement is Rs. 14 Lakhs.

List of Faculty Members

Sl. No.	Name of Faculty	Designation	Area of Specialization	No. of Publications
1.	Prof. Saibal Chatterjee	Professor	High Voltage, Power System	113

2.	Dr.Pabitra Kumar Biswas	Associate Professor	Power Electronics and Drives	87
3.	Dr.Suman Majumder	Assistant Professor	Power Electronics and Machine Drives, E-mobility, Renewable Energy Integration and Control	14
4.	Dr.Krishnarti De	Assistant Professor	Power System, Renewable Energy Integration and Control, E-mobility	14
5.	Dr. Ramesh Kumar	Assistant Professor	Renewable Energy, Microgrid, Power System, Power Quality	08
6.	Dr.Anagha Bhattacharya	Assistant Professor	Power and Energy Systems	23
7.	Dr. Suraj Gupta	Temporary Faculty	Optimization and Artificial Intelligence based controlling of AMBE Vs Renewable Energy system Power Electronics	16

List of Technical Staff

Sl. No.	Name of Technical Staff	Designation
1.	Mr. Nitesh Kumar Singh	Technical Assistant
2.	Mr. Lalrin Mawia	Temporary Technical Assistant

Courses offered by the Department

- B.Tech in Electrical Engineering (At present, approved intake including EWS = 38).
- M.Tech with specialization in Power and Energy Systems Engineering (Approved Intake = 12)
- Dual Degree (B.Tech + M.Tech) with M.Tech specialization in Smart Grid Technology
- Ph.D in different areas of research.

Patents Awarded and filed

Awarded:

Sl. No.	Title	Patent Organization	Date	Inventor	Patent No.
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1	Novel Fractional order PID based robust controller designing tuned with hybridized GA-PSO algorithm for grid-connected photovoltaic system	Australian Patent Act	28.04.2021	Prof. Saibal Chatterjee, Deptt of EEE and others	Awarded (2021101100)
2	Finite Element Analysis of Structure and Performance Parameters of Dual Stator Induction Machine (DSIM) in JMAG Environment	Australian Patent Act	08.07.2021	Prof. Saibal Chatterjee, Deptt of EEE and others	Awarded (2021103248)
3	A FUZZY LOGIC CONTROLLER BASED SYSTEM FOR MINIMIZING FAILURES IN AN ELECTRIC-BASED TRANSPORTATION SYSTEM	Germany Patent	14/06/2023	Dr. S. Majumder and Dr. Krishnarti De	Patent No. 202023103119
4	Para foil Kite Controller Using Linear Actuators	Indian Patent Granted	21.11.2023	Dr. Pabitra Kumar Biswas and others	Patent No. : 471363
5	Dual Kite-Based Continuous HighAltitude Wind Power Generation System	Indian Patent Granted	01/02/2024	Dr. Pabitra Kumar Biswas and others	Patent No. : 506127
6	Sustainable electric bus based transit system for managing transportation and supply power to electric buses	Germany Patent	18/04/2023	Dr. S. Majumder and Dr. Krishnarti De	Patent No. 202023101509

PROJECT DETAILS

1. Title: Analysis, Design and Control of Active Magnetic Bearing for High Speed

Application

PI: Dr. P. K. Biswas

Sponsoring Agency: DST SERB

Period: 3 years

Amount: Rs. 15, 72,800/-

Status: Completed

2. Title: Study of the Condition Monitoring Technique of Dry-Transformers

PI: Prof. Saibal Chatterjee

Sponsoring Agency: DST SERB

Period: 3 years

Amount: Rs. 4388162/-

Status: Ongoing

3. Title: Synergistic Integration of Solar PV cell and Water Purification Technologies for Sustainable Community Development

PI: Dr. Ramesh Kumar

Sponsoring Agency: IEEE Smart Village

Period: 1 years

Amount: US\$ 2000.00

Status: On-going

Glimpse of few Laboratories of the Department



Fig. 1 Electrical machine laboratory setups.



Fig. 2 Electrical Drives machines set up.



Fig. 3 Flow control trainer and PLC based robotic bottling plant.

Department of Mechanical Engineering

The mechanical engineering department of NIT Mizoram was started from the year of 2013. Currently it's offering the B. Tech course with the annual intake of 30 students. The department has also started the PhD Programme offering wide area of research as a regular, self-financed, sponsored, and part-time mode from 2016. M.Tech program was started with an intake of 10 students offering specialization in Thermal Engineering from 2018 onwards. This newly established department comprises of well-qualified faculties, supporting staffs and suitably equipped laboratories. The continuous development in terms of quality faculty members and laboratories evince the Vision and Mission of the department.

The department has well-equipped laboratory facilities for the students such as Engineering Workshop, Thermal Engineering Labs, Manufacturing Labs, Strength of Materials Labs, Dynamics of Machines Labs, Fluid Mechanics Labs and research laboratories like Tribology, Energy Labs, Drying labs and wind tunnels. The department has also a high computing lab equipped with following software to work on it: MATLAB, ANSYS, SOLID EDGE, CATIA, SOLID WORK, COMSOL etc.

A good number of journal papers, conference papers, and book chapters have been published by the departmental faculty and students. At present Department has 20 Ph.D. scholars and 01 Institute Post Doctoral Fellow. The department has been granted various research projects funded by DRDO, DST, TIFAC etc. The department also organizes different programmes like GIAN courses, Faculty Development programme, Workshop, Short term courses and National conferences in the field of renewable energy, design thinking, IPR management, research trends in mechanical engineering etc.

The students of the department are getting placed in the reputed companies such as Ashok Leyland, L&T, Vedanta, Power Grid Corporation of India Ltd (PGCIL), Mahindra & Mahindra, etc. with a sound salary package. The campus placement for 2024 outgoing B. Tech batch is 100% (till April 2024) out of all the eligible students.

Many students went for higher education in premier institutions of India and abroad such as IIT Bombay, IIT Roorkee, IIT Dhanbad, IIT Patna, NIT Suratkal, NIT Silchar, University of Queensland, etc.

List of Faculty Members

Sl. No.	Name of Faculty	Designation	Area of Specialization	No. of Publications
1.	Dr. Saurav Suman	Asst. Prof. & Head	Design and Manufacturing	22
2.	Dr. Sukanta Roy	Associate Professor	Fluid & Thermal Engineering, Renewal Energy	55

3.	Dr. Bidesh Roy	Associate Professor	Fluid & Thermal Engineering, Renewal Energy, MADM	37
4.	Dr. Bachu Deb	Associate Professor	Thermal Engineering	25
5.	Dr. H. Lalmingsanga	Associate Professor	Thermal Engineering	27
6.	Dr. Vijay Mandal	Assistant Professor	Manufacturing	14
7.	Dr. Nand Kumar	Temporary Faculty	Manufacturing	7

The department also has one Professor of Practice, Dr. Ashok V. Kumar with vast experience in the automobile industry, specializing in internal combustion engines and automation.

List of Technical Staffs

SI No	Name of Technical Staff	Designation
1	Mr. Lalchhuanawma	Technician
2	Mr. Somnat Chakrabarty	Technical Assistant (Contract)
3	Mr. Lalmuanawma Fanchun	Workshop Supervisor (Contract)

Courses offered by the Department

- B.Tech in Mechanical Engineering (At present, approved intake including EWS = 38).
- M.Tech with specialization in Thermal Engineering (Approved Intake = 10).
- Ph.D in different areas of research.

Research Projects

Sl. No.	Title of Project	Funding Agency	Name of faculty	Budget (in Lakhs)	Status
1.	Gasification of Agro residue and Municipal Solid Waste through Gasification for decentralized Power Production	DRDO	Dr. H. Lalmingsanga	Rs. 77.004	Ongoing
2.	Design and development of an ROV to perform underwater welding and repairs	DST-IITG & TIDF	Dr. Saurav Suman	Rs. 38.00	Ongoing


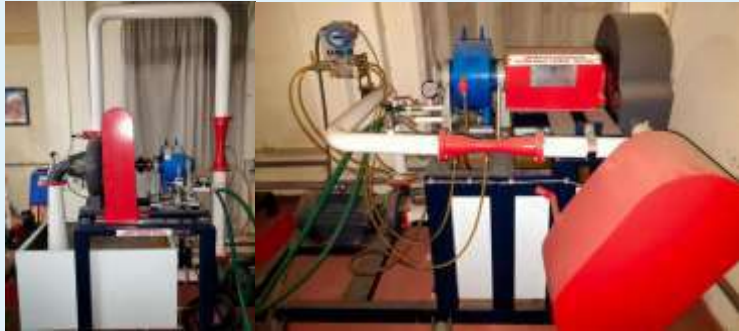



3.	Technology Gap Analysis Study for Katkhal Sitalpatti Cluster, Hailakhandi, Assam	TIFAC	Dr. Bidesh Roy	Rs. 14.64	Completed
4.	Technology Gap Analysis Study for the Baktawng Wood Carpentry Cluster, Bairabi and Seling Bamboo Clusters, Mizoram	TIFAC	Dr. Bidesh Roy	Rs. 18.45	Completed
5.	Development and Testing of Solar Based Air Heating System Integrated with Biomass Furnace for Agro-Industrial Application in Mizoram	DST	Dr. H. Lalhminganga	Rs. 47.39	Completed

Patent Granted:

Sl. No.	Title of Project	Patent Category	Date of Grant	Inventor	Patent No.
1.	A system for preparing diesel doped with areca-nut-husk nano-additive for CI engine (System zur Herstellung von diesel, dotiert mit Nano-Additiven aus Areca-Nussschalen für C-Motoren)	Utility (German)	2023-03-09	Roy Bidesh; Saha Dipankar	202022107265
2.	A portable exercise cum gym system	Indian Patent	12-01-2024	Saurav Suman, Niraj Kumar	498772
3.	A System for Designing and Fabricating a Solar Air Collector for Sustainable Drying Industry	Utility (Germany)	15-09-2023	Bachu Deb, Prashant Majumder, Rajat Gupta	20 2023 105 361.0
4.	A RENEWABLE ENERGY BASED HYBRID DRYER SYSTEM	Utility (Germany)	19-01-2024	H. Lalhminganga Laxman Mishra Rajat Gupta	202023106482

Laboratory details

Sl. No	Name of laboratory	Few photographs

1	Strength of Materials	
2	Fluid Mechanics / Machinery	
3	Thermal	
4	Dynamics of Machinery	
5	Manufacturing	

		
<p>6.</p>	<p>Research lab (IC Engine, Wind tunnel, Gasification, Drying lab etc.)</p>	 <p>Few Photos to be included</p>

CENTRE OF INTERDISCIPLINARY RESEARCH (CIR)

The Centre of Excellence in Interdisciplinary Research (CIR) is the newest department, established in December 2022 in accordance with the NEP 2020 guidelines and a notification from the Ministry of Education (MoE) aimed at incorporating emerging areas. The department began with three specializations: (i) Smart Grid Technology, (ii) Computational Nanotechnology and Semiconductors, and (iii) Data Sciences. It will conduct research in these areas and award Ph.D. degrees to students in interdisciplinary courses.

The department currently offers a B.Tech.-M.Tech. (Dual-degree) program with specializations in (i) Computational Nanotechnology and Semiconductors and (ii) Data Sciences, in collaboration with the Departments of ECE and CSE, respectively. Existing B.Tech. students from any branch of NIT Mizoram can join the B.Tech.-M.Tech. (Dual-degree) program upon completing their third year (6th Semester).

Additionally, the department has introduced a Minor program in ‘VLSI and Semiconductor Technology’ for existing B.Tech. students of NIT Mizoram. This program allows students to take additional courses alongside their regular B.Tech. curriculum. For instance, a student can earn a final degree in B.Tech. in CSE with a ‘Minor in VLSI and Semiconductor Technology’ or B.Tech. in ECE with a ‘Minor in VLSI and Semiconductor Technology’ and so on. The courses in the Minor program are designed to align with the goals of the India Semiconductor Mission (ISM) project initiated by the Government of India, enhancing students' job prospects in the semiconductor industry.

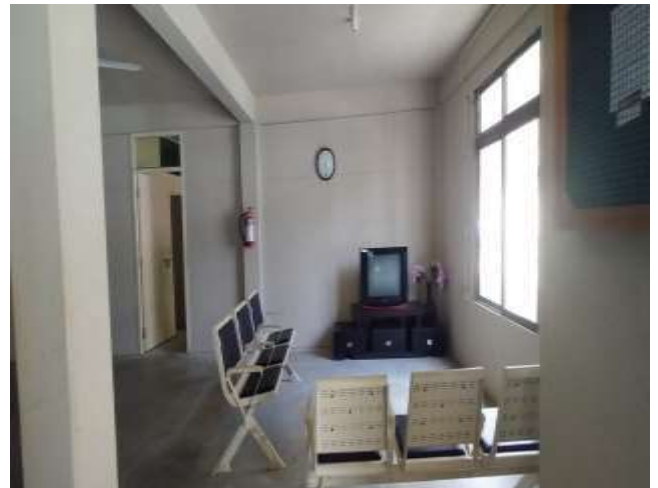
FACULTIES

Sl No	Name of Faculty	Designation	Area of Spécialisation
1	Dr. Lalhruaizela	Assistant Professor and HoD	Wireless networks, Communication
2	Dr. Rudra Sankar Dhar	Associate Professor and Dean Academics	Nanoelectronics, Semiconductor Technology, VLSI, Device Modelling
3	Dr. Pabitra Kumar Biswas	Associate Professor	Power electronic Drives, Grid technology systems
4	Dr. Sushanta Bordoloi	Assistant Professor	Compound Semiconductors, Energy storage, VLSI

Hostel and Class Rooms

The Institute provides Hostel facilities to the students of NIT Mizoram. At present there are 1 (one) Girls' Hostel and 4 (four) Boys' Hostel. The hostels are provided with standard facilities of lodging and fooding along with internet services. Indoor games and sports facilities along with Gym facilities are provided in the hostels. There are also common rooms in the hostels with television and newspapers and magazines. The students celebrate festivals like Holi, Eid, Onam, Diwali, Christmas, etc. in the hostels.

The Institute also provides bus services to commute the students from the hostels to the academic blocks. Alongside there are ambulances stationed in the hostel premises for emergency services. Each hostel is also installed with generator for power back up in times power failure. Each hostel has a Warden and Assistant Warden, who are faculty members of the Institute. There are also security guards stationed in the hostel and sanitation personnel to safeguard and maintain the overall premises of the hostels. Overall, the Institute's effort is to provide a home away from home for the students of NIT Mizoram.





Training & Placement

The Training & Placement (T&P) Office, National Institute of Technology Mizoram (NIT Mizoram) facilitates the placement process of students passing out from the Institute, besides collaborating with leading organizations and institutes to set up student internship and training programs. The office liaises with various industrial establishments, corporate houses, etc., which conduct campus interviews and select graduate and post-graduate students from all disciplines. Besides catering to other logistics, the T&P Office provides infrastructural facilities to conduct group discussions, tests, and interviews. The office makes every effort each day to bridge the gap between the dreams and capabilities of our students through training programs to enhance the soft skills and overall personality of students in association with industry and academic experts.

The placement season runs throughout the year, from July through to June. Pre-placement talks are also conducted in this regard as per mutual convenience between the industries and the institute. Job offers, dates of interviews, selection of candidates, etc., are announced through the T&P Office. The Placement Office is assisted by a Faculty T&P Committee comprising faculty members from each department. Student coordinators and members from various undergraduate and post-graduate engineering streams support the office via core, executive, and associate team members. The committee evolves a broad policy framework yearly besides a set of inviolable rules. Student coordinators and members are closely co-opted in implementing these policy decisions.

More than 75 companies conducted recruitment process at NIT Mizoram in 2023-2024 academic session, which includes Mahindra & Mahindra, Vedanta, L&T, Adobe, Delloite, Ashok Leyland, TA Digital, Delta X, Lumiq, KEC International, TCS, Infosys, Alstom etc. Till April 2024, 84% of the registered students at Training and Placement Office have been placed in different companies with an average CTC of 7 LPA. However, the placement is ongoing until June 2024, and the placement percentage is expected to increase.

Further, the Institute's Training and Placement Office organizes training and internship opportunities for students. Every B. Tech. department includes a compulsory internship credit course in its curriculum. As a result, students are strongly encouraged to pursue internships with prestigious institutes and industries. In the 2023-24 academic year, 100% students completed internships with organizations such as SAIL, Indian Railways, Airport Authority of India, Bureau of Indian Standards, PHED & PWD in Mizoram, Power Grid, ECIL, BHEL, IOCL, IOL, CDAC, Google, Microsoft and many more. During the internship, some of these students even received stipends ranging from 5,000/- to 20,000/- per month during their internships.

The Training and Placement Committee of NIT Mizoram represented by the following faculty members:

Details of the Faculty	Position in the T&P Office
Dr. Sukanta Roy, Associate Dean, Students' Welfare Associate Professor, Mechanical Engineering (ME)	FIC, Training and Placement Office Chairman, Faculty T&P Committee, NIT Mizoram
Dr. Lalhruaizela HOD, Centre for Interdisciplinary Research Assistant Professor, Computer Science & Engineering (CSE)	TPO Member (CSE), Faculty T&P Committee, NIT Mizoram
Dr. K. Vanlalawmpuia Assistant Professor, Electronics & Communication Engineering (ECE)	TPO Member (ECE), Faculty T&P Committee, NIT Mizoram
Dr. Vijay Mandal Assistant Professor, Mechanical Engineering (ME)	TPO Member (ME), Faculty T&P Committee, NIT Mizoram
Dr. Ramesh Kumar Assistant Professor, Electrical Engineering (EE)	TPO Member (EE), Faculty T&P Committee, NIT Mizoram
Dr. Amit Yadav Assistant Professor, Civil Engineering (CE)	TPO Member (CE), Faculty T&P Committee, NIT Mizoram



2023-2024 Pre-placement Talk conducted by TCS at NIT Mizoram

CENTRAL LIBRARY

Introduction

In order to serve the diverse library needs of the Engineering Undergraduate, Post graduate, Research Scholars, the faculty members, and other library users, the Central Library has a collection of over 12,000 physical and over 10,000 electronic resources spread over the two floors of the Library, providing circulation services to user from 9:00 am – 5:00 pm while reading area serves from 9:00 – 8 pm.

Collection Development

The collections of Central Library consist of Textbooks, Reference books, Conference proceedings, Annual report, etc.



Collection Summary:

Sl. No	Resources
1	Books
2	Conference Proceedings
3	Reference Books
4	Annual Report

E-Resources

Digitalization being the new trend of the era; the Central Library is keeping up with the pace by subscription of valuable and updated e-resources for professional development of faculties, Research activities of research scholars and students,

These resources are accessible on and off the campus. The fraternity of NIT Mizoram can access these e-books anytime and anywhere.

Subscribed E-Resources

E-Journals

Sl. No.	Subjects
1	Elsevier Science Direct
2	Springer nature E-Journal
3	Taylor & Francis Online Journal

E-Books

Sl. No.	Subjects
1	Cambridge Online Books
2	Wiley Online Books
3	Elsevier E-Books
4	Springer nature E-Books
5	McGraw Hill Online Book

Automation

The Central Library is automated with an integrated library management software package 'LIBMAN'. The library collection are available through Online Public Access Catalogue (OPAC) to the users through the IP based online access to these resources. Access to Web-OPAC is given to all the Faculty of NIT Mizoram.

Barcode technology has been successfully installed to assist the circulation process as well as security of the library holdings.



Healthcare Centre

Health Care Centre of NIT Mizoram is being engaged with 1 doctor, 1 nurse and 1 FA. The Health Care Centre Opens from 9:00 am to 3:00 pm Monday to Saturday every week. There are 2 hospital beds and it is stocked with emergency treatment utilities and medicines. It is located at Academic Block 5 building. To provide proper health care & in case of medical emergencies, the institute has leased out 2 (two) emergency vans for 24 hours & 7 days a week which are permanently deputed in the hostels along with a driver.



Innovation HuB

The Innovation Hub constitutes the Institute Innovation Council (IIC) of NIT Mizoram under the direction of MoE, GOI. IIC comprises Members (faculty and student) from each department and three external Members are also present. The Innovation Hub of NIT Mizoram is presently under the mentorship of Dr. Saurav Suman, Coordinator, Innovation Club. The Council conducts activities guided by the IIC calendar and featured under the IIC portal deliberated on a quarterly action plan in synchronization with activities and initiatives of other departments, centers, and facilities in the Institute working towards promoting IPR, Innovation, Entrepreneurship, and Start-ups.

Mission:

"To catalyze and nurture a culture of continuous innovation, creativity, and forward-thinking within NIT Mizoram by providing a platform for ideation, collaboration, and the implementation of groundbreaking solutions."

Vision:

"Our vision is to become the driving force behind transformative innovation within NIT Mizoram, setting the standard for excellence in creativity, problem-solving, and technology adoption. We aspire to be the hub where ideas flourish, partnerships thrive, and innovation delivers real-world impact, shaping a brighter future for all."

IIC, NIT Mizoram has diversified representations from industries, Gov./Non-Gov. organisations outside NIT Mizoram and other such Departments/units as follows-

1. Technical expert from nearby industry- Mr. M. Zoramliana, SE (planning), O/O, E in C, PWD
2. Representation from nearby Incubation centre- Prof. Laldinliana, Director, Incubation Centre (Mizoram University)
3. Representation from SIDBI /NABARD / Lead Bank/ Investor- Mrs. Lalnilawmi, Chief Manager, SBI Lead Bank & Coordinator, SLBC

So far, NIT Mizoram have various clubs and cells to promote Innovation and entrepreneurship culture on campus, which are as follows-

1. Innovation Club
2. IPR Cell
3. Entrepreneurship Cell

Each department individually has its department-level society, which is actively involved in promoting innovation culture and igniting start-up and Entrepreneurship among the students by organizing different interaction activities, workshops, etc.

No. of student's & faculty ideas generated

2018-19	2019-20	2020-21	2021-22	2022-23
03	02	12	06	04 (ongoing)

No. of student's & faculty Innovation/prototypes developed

2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
01	01	01	00	01	02

No. of IPs generated, published, and granted

2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
01	02	02	05	02	10

No. of Student & Faculty Start-ups/Ventures established.

2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
01	02	02	05	02	01

Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus (In Lakhs)

2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
3.18	2.77	0.95	5.11	25.24	-

Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR

2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
7.97	12.71	4.99	12.71	21.49	-

Highlight selected best Innovations & images with mention of inventor/innovation name

SMARTV (An intelligent and affordable sanitary napkin vending machine is manufactured which can be installed in any kind of area such as public places, hospitals, schools, universities, railway stations, airports, working places and commercial facilities such as parks, shopping complexes, movie theaters, metro stations, bus stops and so forth.

The invention is jointly developed by students of NIT Mizoram, NIT Agartala, NIT Silchar etc.

One of the inventors: Banoth Sai Ram, B. Tech, ECE (Batch 2018-2022)

Recognition: This invention received funding from different government organizations as follows-

Andhra Pradesh Innovation Valley

IIM Calicut innovation cell.

North East entrepreneur cell.



A. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name

1. **B&IYA (Brain AND Ideas Yield Aamdani) -**

Mr. Sakar Baxi, B. Tech, CSE, NIT Mizoram (Co-founder)

Brief Description: (Source: LinkedIn)

B&IYA is a marketplace for ideas. You can create, license or purchase patents in the form of DIT's, i.e., Digitalized Idea Tokens. We believe creativity should never be wasted and innovative people (irrespective of their age, race and religion) need to be awarded for their amazing contribution towards building a better society. That's why, we have build a marketplace for everyone! It doesn't matter if you're age 5 or 90, broke or rich, you come from a minority or majority, or what's your skin color. Now, anyone can post their DIT's and start earning from it.

LinkedIn: <https://www.linkedin.com/company/bandiya/>

2. **SAHAYATA HOME SERVICES Pvt. Ltd.**

Co-founders: Mr. Shivajeet Anand, B. Tech, ME (Batch 2021)

Mr. Shivam Kumar, B. Tech, ME (Batch 2021)

This start-up aimed to provide each and every service at the doorstep of one. Services like, cooked food, raw food(Vegetables, non veg, gceries, etc.), Helping hand(each and every helper like electrician, plumber, etc.), water, medicine, milk, medical lab tests, etc. We also planned for real state services like construction materials, lands, etc. (Source: statement by Co-founders).



The Hub has signed MoU with National Innovation Foundation (NIF), Ahmedabad, Mizoram Science and Technology Innovation Centre (MISTIC), Aizawl, Mizoram. The Hub received a “**Certificate of Recognition**” in Promising Band Category in 2021 from **ARIIA** under **MoE, GOI**. The Innovation Hub recently, in consonant to the GOI’s Pilot programme of Skill Hub Institute under PMKVY in collaboration with LESDE, Govt. of Mizoram, plans to provide technical support and Skill Development in Mizoram. The Hub has an MoU as an academic partner with the Software Technology part of India (STPI), an autonomous society registered under the Societies Registration Act 1860, under the Ministry of Electronics and Information Technology (Meity), GOI for the process of setting up the necessary infrastructure for the Gaming and Entertainment Center of Excellence at STPI Aizawl.

INTELLECTUAL PROPERTY CELL (IPR CELL)

IPR Cell, NIT Mizoram, was established in 2020 to create awareness and guide academic and nonacademic staff, students, scholars, and outside agencies on the institute's practices and rules regarding intellectual property rights and obligations within the framework of the IPR policy of the institute. Dr. Saurav Suman is the Nodal officer of IPR Cell, NIT Mizoram. The objective of the IPR Cell is to promote academic freedom and safeguard the interests of inventors in creating and commercializing intellectual property with legal support wherever necessary. IPR Cell provides an environment for acquiring new knowledge through innovation, develops an attitude of prudent IP management practices, and promotes an IPR culture compatible with the institute's educational mission. IPR Cell has organized various IPR awareness programs for the students and faculty of NIT Mizoram. IPR Cell is glad to announce that NIT Mizoram has around 22 Patents filed/granted in India, Germany, Australia, South Africa etc.



DAAD and DFG Workshop

NIT Mizoram organized the first of its kind a workshop in Mizoram to bring herein the DAAD and DFG team to NIT Mizoram and the credit goes to our respected Director, NIT Mizoram. Dean Academics presented the Welcome talk at the workshop where the Senior Advisor – Communication, German Academic Exchange Service from DAAD, the Programme Officer, German Academic Exchange Service also from DAAD and Deputy Director, German Research Foundation from DFG graced the moment.

In this summer 1 PhD scholar and another 3rd yr BTech student of NIT Mizoram has been selected for a month long Summer Internship at Karlsruhe Institute of Technology (KIT), Germany for June-July 2023.





NATIONAL CADET CORPS (NCC)



- NCC started in the year 1948 with 20000 cadets.
- Largest uniform youth organization in the world with more than 14.5 lakh cadets
- At present, Head Quarter is at New Delhi
- A tri-service organization – 17 State Directorates, 99 Group HQs and 837 NCC Units from Army, Air Force and Naval Wings
- Among these 17 Directorates, Our Cadet (i.e., NIT Mizoram) come under North-East Region Directorates (NER DTE)
- Under NER DTE, there are 8 groups (Shillong is the Group Headquarter)
- Our Unit (Air Wing Unit) is the only Air Wing Unit under Silchar Group



- To create a human resource of organised, trained and motivated youth.
- To provide Leadership in all walks of life and be always available for the service of the Nation.



- To provide a suitable environment to motivate the Youth to take up a career in the Armed Forces.



- To develop character, comradeship, discipline, leadership, secular outlook, spirit of adventure and ideals of selfless service amongst the youth of the country.

BENEFITS OF NCC

- During the period of courses under NIT Mizoram NCC- two certificates B and C will be received
- This may be helpful particularly in defense services and also non-defense services.
 - Example- All our students are in AIR WING – They learn specialized based on the history of Indian Air Force (IAF)
 - Also, there is a chance for flying practically

MOTTO OF NCC

Ekta aur anushasan i.e. UNITY AND DISCIPLINE

OUR NIT MIZORAM CADETS

NIT MIZORAM NCC CADETS				
2020 Enrollment				
SN	Rank	Name	Regimental No.	Enrollment No.
1	CSUO	Lallawmsangi Colney	MZ20SWF100039	BT20ME009
2	CUO	Binod Sarki	MZ20SDF100013	BT20ME019
3	CWO	Kishor Malakar	MZ20SDF100020	BT20CS003
4	C/Sgt	Megha Chandel	MZ20SDF100014	BT20CS32
5	C/Sgt	Lalruatkimi	MZ20SWF100030	BT20EE006
6	C/Sgt	Aditya Dey	MZ20SDF100019	BT20EC012
7	C/Cpl	Priti Bharti	MZ20SWF100033	BT20EC
8	Cdt	Luxmi Kumari	MZ20SWF100032	BT20CE03
9	Cdt	Akanksha	MZ20SWF100036	BT20CE
10	Cdt	Palli Chanikya	MZ20SDF100016	BT20ME020
2021 Enrollment				
SN	Rank	Name	Regimental No.	Enrollment No.
1	C/Sgt	Lalbera Chhakchhuak	MZ21SDF100060	BT21ME009
2	C/Cpl	Ashish Bisht	MZ21SDF100064	BT21CS019
3	Cdt	Himanshu Kuntal	MZ21SDF100071	BT21ME024
4	Cdt	Vanlallawmkima	MZ21SDF100070	BT21ME007
5	Cdt	Rahul Kumar Prajapati	MZ21SDF100059	BT21CE001
6	Cdt	Pratik Kumar	MZ21SDF100068	BT21EE026
7	Cdt	Nityanand Raj	MZ21SDF100066	BT21EC033
8	Cdt	MD Jabrul Alam	MZ21SDF100056	BT21CS014

CUO - Cadet Under Officer

CWO - Cadet Warrant Officer

C/Sgt - Cadet Sergeant C/Cpl

- Cadet Corporal

Cdt. - Cadet



Mail - nitmz.ncc.airwing@gmail.com



Instagram - nitmz.ncc.airwing

NATIONAL SERVICE SCHEME UNIT, NIT MIZORAM



Background

National Service Scheme (NSS), under the Ministry of Youth Affairs & Sports Govt. of India, popularly known as NSS was launched in Gandhiji's Birth Centenary Year 1969, in 37 Universities involving 40,000 students with primary focus on the development of personality of students through community service. Today, NSS has more than 3.2 million student volunteers on its roll spread over 298 Universities and 42 (+2) Senior Secondary Councils and Directorate of Vocational Education all over the country. From its inception, more than 3.75 crores students from Universities, Colleges and Institutions of higher learning have benefited from the NSS activities, as student volunteers.

NSS Unit, NIT Mizoram

NIT Mizoram has started NSS Unit in the year 2017 and two students coordinators are chosen from each department of the Institute to coordinate the activities of the NSS Programme. Following are the activities done so far in the name of NSS Unit, NIT Mizoram.



NSS Orientation cum Awareness Campaign



Aizawl City Cleanliness Cum NSS Foundation Day



Village Survey at Lengpui Village



1 day Free Health Camp at Lengpui



Tree plantation in Chaltlang Area



HIV/AIDS Awareness with YRG CARE




Voter Awareness Campaign with District Election Office

Ek Bharat Shreshth Bharat (EBSB)

Ek Bharat Shreshtha Bharat (EBSB) is a flagship programme of the Government of India to bring in Cultural Integration of the country with a vision to build New India by 2022. The Ministry of Human Resource Development, Govt. of India is coordinating the activities under EBSB. In this flagship programme every state and union territory of India is covered and paired with one another to carry out the activities. As such the state of Mizoram is paired with Bihar and Tripura and specifically NIT Mizoram is paired with NIT Agartala of Tripura and NIT Patna. Under this scheme a number of cultural activities are carried out with the motive of understanding one another and learning from each other. Currently Dr. Suman Majumder, Asst. Prof., Dept. of EEE is the Nodal officer for this.

Under this program, following activities have been carried out in 2020 to 2021:

Description of activities	Date	Mode	Remarks
List of activities: Participation in Techno-Cultural Fest, Cultural exchange, Language Exchange, Mizoram Statehood Day celebration, Traditional Expo, Holi - Cuisine Sharing	January to March 2020	Google Meet	NIT Mizoram, NIT Agartala and NIT Patna student conducted the program through online mode
List of activities: Language Exchange, Mizoram Statehood Day celebration, Traditional Expo, Holi - Cuisine Sharing	January to March 2021	Google Meet	NIT Mizoram and NIT Patna student conducted the program through online mode

Sl No	Event	Photographs
<u>1</u>	Ek Bharat Shrestha Bharat (EBSB) scheme was launched by MHRD, Govt. of India and a total of 18 students of NIT Mizoram under the guidance of Dr. K. Gyanendra Singh, AP (HSS), the then Nodal Officer, EBSB, NIT Mizoram visited NIT Agartala during 26th - 28th October 2017. The students of the Institute performed the famous Mizo traditional dance known as Cheraw or Bamboo Dance. Students also participated in a number of activities such as Essay Competition and Debate Competition and NIT Mizoram won 1st Prize in Debate Competition and 2nd prize in essay writing competition	

<p><u>2</u></p>	<p>Bihar State day celebration : Online presentation about the state by students</p>	
<p><u>3</u></p>	<p>Cultural Exchange Programme : NIT Patna, NIT Agartala, NIT Mizoram</p>	
<p><u>4</u></p>	<p>Chapchar Kut Celebration</p>	

Extramural Lecture Series (ELS)

Extramural Lecture Series at NIT Mizoram was introduced in the year 2022. This Lecture Series is organized with the main objective to invite Distinguished Speakers from around the globe to provide an expert talk in their area of expertise, so that the latest developments can be shared among the participants. This will help in developing the socio-economic engineering aspect based research culture at NIT Mizoram which can effectively be spread to the state of Mizoram. The Distinguished Speakers were eminent Researchers from Academia, Research Organizations, and Industry etc. who were invited to present their theme/research to the Faculties, Research Scholars, M.Tech and B.Tech students of NIT Mizoram. Some of the eminent personalities invited were namely:

- 1) Dr. Kunal Krishna Mukherjee, Associate Professor, Department of Mathematics, Indian Institute of Technology (IIT) Madras has delivered lectures “on the Spectral Theorem” during Aug 2022.
- 2) A team of IIT Madras alumni Dr S. Sowrirajan, Dr A R Ganesan, Dr N Ganesan, Dr S R Ramanan, Mr S Arumugam, Dr Ram Mani Parameswaran, and Dr N Sugavanam, on 3rd November 2022. They lectures include a topic like Who is a Leader? Importance of Lean & Six Sigma for all Professionals, Role of Optics in Engineering and Cyclones and Disaster Management
- 3) Dr. Hema Gopal, Former Director of TATA Consultancy Service has delivered a lecture on Brilliant Best Practices on IT Organizations, Opportunities and Challenges.
- 4) Dr. Chinmoy Samajdar Chief General Manager, Steel Authority of India Limited gave a lecture on May 2023 in the areas of Today's Engineers From India –How To Be Ready For The Industry?



SPORTS

Mizoram is a state which is very much influential to cultural and sport activities. NIT Mizoram being located temporarily in Aizawl has been conducting sport activities by hiring playgrounds, indoor stadium in different localities in Aizawl.

NIT Mizoram is conducting sports annually named as SHAURYA which includes different outdoor and indoor sports activities such as Cricket, Football, Basketball, Handball, Athletics, Kabaddi, Table Tennis, Badminton, etc. Also, NIT Mizoram students are participating in INTER NIT Sports competition.







NIT Mizoram students participated in All India Inter NIT Competition 2023 on Volleyball, Kabaddi and Yoga held in NIT Surathkal during 20th – 23rd January. NIT Mizoram Volleyball Team has defeated NIT Calicut in the finals which led to the **Champion** in Volleyball Men's Inter NIT Competition, 2023. Also, the most valuable player, MVP was given to our Captain, Mr. Banoth Sairam for his fabulous performance and leadership in the team.





NIT Mizoram students also participated in Power Sport event at SVNIT Surat from 16th February to 19th February in All India Inter NIT Competition 2023. The Power Sport event includes Weightlifting, Powerlifting and Bodybuilding. Mr. Laldawngzuala participated in Weightlifting under 73 Kg category and won the Gold Medal.



Also, Malsawmdawnliana won the Gold Medal in 66kg Category Powerlifting. Also, C. Zorinliana won the Bronze Medal in 83kg Category Powerlifting.

TECHNICAL CLUBS / TECHNICAL SOCIETIES OF DEPARTMENTS

1. Department of Electrical and Electronics Engineering: ELECTRICAL AND ELECTRONICS SOCIETY (EES)

The Electrical & Electronics Engineering Society started in the year 2017 with a vision to organise various activities for the professional and academic development of the students. The Students and faculties of the Electrical & Electronics Engineering Department are the members of the Society. It involves a wide variety of events including technical presentations, debate, quiz, essay, story, circuit designing contests, group discussion, etc.

List of Activities:

The society will mostly deal with activities from the following list to be performed every week:

- Co-Curricular Activities
 - Debate competition
 - Quiz competition
 - Technical presentation
 - Group Discussion
 - Eassay and story writing
 - Circuit design competition
 - Grooming Classes
 - Organisation exhibition
 - Departmental news letter
- Innovative Activities
 - New modeles
 - New and smart ideas
 - Robotics

The following activities have been conducted during the academic year August 2021-May 2022:

Sl. No.	Program	Date	Detail's
1	The Bigg Quizzz Eve	02/10/2021	The Electrical society of NIT Mizoram conducted a contest "The Bigg Quizzz Eve" on Gandhi Jayanti and the winners of the contest have been decided. The 'winners are 'Prakash Jha, 'Sathvika Saranya ' and 'Isha Singh '

2	Robotics Workshop	30/10/2021	<p>We have Collaborated with Upflairs Pvt Ltd for the interactive one-day workshop session on “ROBOTICS”</p> <p>The topic covered: -</p> <ul style="list-style-type: none"> • Embedded C/C++ • Robotics • Arduino programming • Sensor interfacing • Motor • Serial Communication <p>More than 75 students participated in the workshop and get benefited.</p>
3	Resume Workshop	04/12/2021	<p>We have Collaborated with Campus Hyre in association with Canva. (One of the World leaders in graphic design) and HP Chromebook). The motto of the workshop is to make aware participants</p> <ol style="list-style-type: none"> 1. Introduction to the latest resume templates. 2. Higher chances of Resumes selection. 3. Learn new styles and resources for creating the best possible resume. 4. Learn about using keywords in resumes and how they increase the chances of resume shortlisting. 5. How does using keywords help you in beating the ATS (Applicant tracking system) used by most of the organizations. 6. Create a concise and polished resume up to date with industry format. 7. Learn about how to put across your professional details in a precise format.

4	Become A Part of Partner for Our Focus Next India Event for North Eastern Students	15/12/2021 - 26/12/2021	<p>We collaborated with PLADEX – Platform they are working across India to connect with like-minded peers and share their ideas, learn from experts and work together under one platform. The sole objective of this event is to create awareness among students through conducting free live interactive sessions by influential speakers and improve the equity among students irrespective of their colleges and domains. We are even conducting competitions to bring out hidden talents from them.</p> <p>Seven Live interactive sessions were being held where speakers interacted with students</p> <p>18 December – Entrepreneurship & Brand Building 19 December – Women Empowerment 20 December – Mental health & Well Being 21 December – Emerging Technologies 22 December – Tackling Human Trafficking & Self Defense 23 December – Soft Skills & Personality Development 24 December – Basic Laws & Rights</p>
5	Technical Seminar - IT Beyond programming	29/01/2022	<p>We collaborated with Naman Sinha, Data Engineer, Fractal, Bangalore in association with EduCompadre. This seminar was conveyed to them the scopes, relevance, and practical workloads of the job roles apart from just regular programming that they focus on in their engineering. More than 50 students participated in the session. The speaker discussed every aspect of the IT sector. As expected, we also got a good response from the participants and this session was quite interactive.</p>

2 - DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING : TECHNICAL SOCIETY

Department of CSE formed a Computer Society was formed in September 2017 headed by HOD CSE and some of the departmental faculties as faculty advisors along with student members. It aims at organising various activities for the professional and intellectual development of the students such as Web Design, Tech Awareness (Blog/Forum), Presenting innovative ideas, poster presentation on recent developments in technology etc.

Sl No	Events	Photographs	Speaker	Year
1	Talk on 'How to get good internships abroad'		Mr. Saurav Saha	2017
2	Events on Coding Skill Improvement		Alumni of 2014-15 batch	2018
3	Online event "Meet the Alumni"		Alumni of 2014-15 batch	2020
4	Online event "Getting good Institute for Masters Programme"		Divyanshu Bhardwaj	2020

4. department of mechanical engineering: **Mechanical Engineering Society**



The Mechanical Engineering Society has been quite active in organizing talks/ seminars/ workshops to promote digital literacy among the students around. These events help the students to interact with the industry professionals and delve deeper into the field. Below is a list of student enrichment programmes which The Mechanical Engineering Society has conducted during the year 2022-23.

Title of the Event	Category (Webinar/Workshop/ /Alumni Talk/ Cultural Event/ Other)	Highlights of the Event	Timeline of the Event/Activity
GATE Awareness Webinar	Webinar	GATE preparation strategy	14 October 2022 15:00 to 16:00

Title of the Event	Category (Webinar/Workshop /Alumni Talk/ Cultural Event/ Other)	Highlights of the Event	Timeline of the Event/Activi ty
One Dimensional CFD application in the Industry	Workshop	Technical demonstration on CFD	22 March 2023 15:00 to 16:00
Webinar on SolidWorks	Webinar	Technical demonstration on SolidWorks	25 April 2023 15:30 to 17:30
Message to GATE aspirants	Alumni Talk	Suraj Barnawal, Batch of 2019 interacted with students	28 April 2023 18:00