

राष्ट्रीय प्रौद्योगिकी संस्थान मिज़ोरम  
NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM  
(An Institution of National Importance under Ministry of Education, Govt. of India)



**ANNUAL REPORT  
&  
ANNUAL AUDITED ACCOUNTS  
FOR THE YEAR  
2023 - 2024**

चलत्लांग, आइज़ोल, मिज़ोरम / CHALTLANG, AIZAWL, MIZORAM - 796012

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## CHAPTER 1

### INTRODUCTION

#### 1.1 Vision

- 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.

#### 1.2 Mission

- To impart and enhance quality technical and scientific education to young men and women.
- To promote research in both fundamental and applied knowledge for the betterment of the society.

#### 1.3 Objectives

- To offer modern Under Graduate (UG) programmes in various branches of Engineering, viz., Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Computer Science and Engineering, etc.
- To initiate new Post Graduate (PG) programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Computer Science and Engineering, Mathematics, Physics, Chemistry, Humanities and Social Sciences, Management, etc.
- To provide facilities for research in all Engineering Departments, Basic and Applied Sciences, Humanities and Social Sciences and Management leading to Doctoral Degree.

#### 1.4 Education System

Education means overall development of an individual. An education system should attempt to provide the teaching and training of an individual in order to induce professional competence and ability, personality development, provide leadership to team work, concern for human values towards colleagues and subordinates, respect for superior, behave in a disciplined way and exercise the habits of punctuality, sincerity, devotion, hard work, integrity, honesty and concern for the people, society and nation.

The education system in National Institute of Technology Mizoram envisages achieving the above-mentioned qualities by undertaking an integrated and balanced blend of curricular, co-curricular and extra-curricular activities among students, teachers and supporting staff and by creating congenial and close relations among all.

National Institute of Technology Mizoram, at present, offers (a) UG courses leading to B. Tech. degree in 6 (six) branches of engineering, viz., Electrical Engineering,

Electronics and Communication Engineering, Computer Science and Engineering, Mechanical Engineering, Civil Engineering, and Mathematics and Computing, (b) PG courses leading to M. Tech. degree in 4 (four) branches of engineering, viz., Electrical Engineering, Electronics and Communication Engineering, Computer Science and Engineering and Mechanical Engineering and (c) PG courses leading to Ph.D. degree in 5 (five) branches of engineering, viz., Electrical Engineering, Electronics and Communication Engineering, Computer Science and Engineering, Mechanical Engineering, Civil Engineering, and in the Department of Basic Science & Humanities and Social Science (BS&HSS) [Physics, Chemistry, Mathematics, English and Economics]. The Institute follows a credit-based system for academic evaluation. It offers industrial training and projects as a part of the education system.

## CHAPTER 2

### AN OVERVIEW

#### **2.1 Historical Background**

National Institute of Technology Mizoram is one of the 10 (ten) new NITs set up by the Government of India in 2009 to meet the demand for technical and scientific education and to ensure every state in India having its own NIT. NIT Mizoram was established vide Ministry of Education (erstwhile Ministry of Human Resource Development), Govt. of India Order No. F-23-13/2009/TS-III dated 30<sup>th</sup> October, 2009. The Institute started functioning from the camp Nagpur under the mentorship of VNIT Nagpur and the academic activities started w.e.f. July 2010 with a total of 63 students in three branches of engineering, viz., Electrical and Electronics Engineering, Electronics and Communication Engineering, and Computer Science and Engineering.

NIT Mizoram started functioning from its Mizoram campus from July 2011. VNIT Nagpur was the mentor institute till 1<sup>st</sup> December, 2011. The Institute is now governed by the National Institute of Technology (Amendment) Act, 2012, No. 28 of 2012 (An Act to Amend the National Institute of Technology Act, 2007) and henceforth designated as an Institute of National Importance.

#### **2.2 Location**

NIT Mizoram is, at present, situated at Chaltlang, Aizawl. Aizawl is the capital city of Mizoram. Mizoram is situated at 23° 30" N latitude and 20° 52" E longitude. Mizoram has a mild and pleasant climate. The temperature varies from a minimum 7° C in the winter season to 30° C in the summer season. The area has an approximate annual rainfall of 254 cm (100 in) per annum.

#### **2.3 Campus**

The Institute is, at present, functioning from temporarily campus in hired buildings at Chaltlang, Aizawl. The permanent campus of the Institute is coming up at Lengpui, Aizawl, near the airport. At present, 7 (six) buildings are on hire at Chaltlang and its vicinity for accommodating 1 (one) Administrative block, 1 (one) Library block, and 5 (five) Academic blocks for conducting classes and laboratories. Another 4 (four) buildings are on hire for 3 (three) boys hostel and 1 (one) girls hostel.

#### **2.4 Administration**

The Institute is being administered by the Director of the Institute with direct supervision of the Board of Governors (BoGs) headed by the Chairperson. The Director of the Institute is an ex-officio Member of the Board of Governors (BoGs).

## 2.5 Academic Programmes

The Institute, at present, offers UG programmes leading to the degree of Bachelor of Technology (B. Tech.) in Electrical Engineering, Electronics and Communication Engineering, Computer Science and Engineering, Mechanical Engineering and Civil Engineering and PG programmes leading to M. Tech. degree in Electrical Engineering, Electronics and Communication Engineering, Computer Science & Engineering, Mechanical Engineering and Civil Engineering. The Institute also offers PG programmes leading to Ph.D. degree in 5 (five) branches of Engineering, viz., Electrical Engineering, Electronics & Communication Engineering, Computer Science & Engineering, Mechanical Engineering and Civil Engineering and in the Department of Basic Sciences and Humanities and Social Sciences (BS&HSS) [Physics, Chemistry, Mathematics, English and Economics]. The details of course offered can be found in Chapter 5.

## 2.6 Admission Procedure

The admission to 1<sup>st</sup> year B. Tech. course is made through the Joint Entrance Examination (JEE) Main conducted by Central Seat Allocation Board (CSAB)/ Joint Seat Allocation Authority (JoSAA) and as per the guidelines of the Ministry of Education (erstwhile MHRD), Govt. of India.

The admission to 1<sup>st</sup> year M. Tech. course is made through the Centralised Counselling for M. Tech. / M. Arch. / M. Plan. Admissions, CCMT. The Institute acts as one of the Counselling and Help Centres both for B. Tech. and M. Tech. admissions.

## 2.7 Students

The intake of the Institute for the B. Tech. course is, at present, 38 seats per branch. Out of the total intake, 50 percent of the seats are reserved for the host state and the rest 50 percent is open to students from all parts of the country. For the M. Tech. course, the intake is 10 seats per branch. Reservation of seats for Scheduled Castes (SC), Scheduled Tribes (ST), Other Backward Classes (OBC), Persons with Disability (PWD) and Economically Weaker Section (EWS) candidates are as per Government of India norms.

## 2.8 Examination and Evaluation

Since the beginning the Institute has been conducting examinations for the UG and PG courses. The Examination Section centrally conducts Mid-semester and End-semester examinations in respect of theory components of the subjects unless otherwise permitted. The results are declared in terms of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) on 10 (ten) points scale. As per national standard, results are declared after one week of the completion of the examination.

There is a continuous assessment of the students' performance throughout the semester and grades are awarded by the concerned teacher. In case of theoretical

subjects, the evaluation is based on class assessment (attendance, class tests, assignments, quizzes, etc.), mid-semester examination and end-semester examination. The respective weightage for these sub-components are as below.

| Sl. No. | Sub-component            | Weightage |
|---------|--------------------------|-----------|
| 1.      | Class Assessment         | 20 %      |
| 2.      | Mid-semester Examination | 30 %      |
| 3.      | End-semester Examination | 50 %      |

In case of sessional subjects (Laboratory, Design, Practical, Workshop, etc.), the evaluation is based on the basis of attendance, assessment of tasks assigned and the end-semester test / viva.

## 2.9 Games and Sports

The students of the Institute actively participate in Games and Sports, Cultural and Technical Fests, Quizzes, Debates and other co-curricular and extra-curricular activities. Sports is a compulsory subject for all the first-year students.

**CHAPTER 3**  
**STAFF POSITION**

**3.1 Academic Staff (Teaching)**

| <b>Sl. No.</b> | <b>Post</b>         | <b>Sanctioned Strength</b> | <b>In Position</b> |
|----------------|---------------------|----------------------------|--------------------|
| 1.             | Professor           | 5                          | 3                  |
| 2.             | Associate Professor | 11                         | 8                  |
| 3.             | Assistant Professor | 22                         | 19*                |
| 4.             | Temporary Faculty   |                            | 07                 |
|                | <b>TOTAL</b>        | <b>38</b>                  | <b>37</b>          |

\*Out of 19 Assistant Professors, two are on *Lien retention* to other Institutes

**3.2 Non-Academic Staff (Non-Teaching)**

| <b>Sl. No.</b> | <b>Post</b>                                       | <b>Sanctioned Strength</b> | <b>In Position</b>                           |
|----------------|---|----------------------------|--|
| 1.             | Registrar   | 1                          | 1  |
| 2.             | Deputy Registrar                                  | 0                          | 1*   |
| 3.             | Assistant Registrar                               | 1                          | 1  |
| 4.             | Executive Engineer                                | 1                          | 1  |
| 5.             | Dy. / Asst. Librarian                             | 1                          | 1  |
| 6.             | Students' Activity & Sports Officer (SAS Officer) | 1                          | Nil*   |
| 7.             | Superintendent/ Accountant                        | 3                          | 3 – Superintendent<br>1 – Accountant (Adhoc) |
| 8.             | Technical Assistant                               | 3                          | 3 – Regular<br>3 – Adhoc                     |
| 9.             | Junior Engineer                                   | 1                          | 1  |
| 10.            | Library & Information Assistant                   | 1                          | 1  |
| 11.            | Stenographer                                      | 1                          | Nil*   |
| 12.            | Technician / Lab Assistant/Instructor             | 6                          | 5 – Regular                                  |
| 13.            | Junior Assistant                                  | 4                          | 4  |
| 14.            | Multi-Tasking Staff                               | 2                          | 1  |
|                | <b>TOTAL</b>                                      | <b>26</b>                  | <b>27</b>                                    |

\* Pursuant to the approval of the Board of Governors in its 29<sup>th</sup> Meeting dated 25.05.2022 vide BOG 29.36, the post of Deputy Registrar (PB 3, GP Rs. 7,600.00) is regularized with the surrender of the vacant sanctioned posts of Students' Activity & Sports Officer (PB3 + GP Rs. 5,400/-) and Stenographer (PB 1 + GP Rs. 2400/-) as matching savings.

### **3.3 Training Status**

NIT Mizoram encourages its faculty members to actively participate and present their research papers/findings in International and National Seminars / Conferences. A separate fund is allocated for this purpose under Professional Development Allowance (PDA) to all the faculty members as per the norms of Ministry of Education (erstwhile MHRD), Govt. of India and approved by the Board of Governors.



**CHAPTER 4****DEPARTMENTS: ACADEMIC STAFF AND FACILITIES****4.1 Department of Electrical Engineering (EE):**

| <b>Designation</b>  | <b>Name</b>              | <b>Qualifications</b> |
|---------------------|--------------------------|-----------------------|
| Professor           | Prof. Saibal Chatterjee  | Ph. D.                |
| Associate Professor | Dr. Pabitra Kumar Biswas | Ph. D.                |
| Assistant Professor | Dr. Suman Majumder       | Ph. D.                |
|                     | Dr. Krishnarti De        | Ph. D.                |
|                     | Dr. Ramesh Kumar         | Ph. D.                |
|                     | Dr. Anagha Bhattacharya  | Ph. D.                |
| Temporary Faculty   | Dr. Sukanta Debnath      | Ph. D.                |
|                     | Dr. Upama Das            | Ph. D.                |
|                     | Dr. Suraj Gupta          | Ph. D.                |

**4.1.1 Laboratories / Workshops**

- a.** Basic Electrical Engineering Lab
- b.** Electrical & Electronics Measurement Lab
- c.** Electrical Machines Lab
- d.** Power Electronics and Drives Lab
- e.** Control Systems Lab
- f.** Power System Simulation Lab
- g.** Instrumentation Lab
- h.** Circuit Theory Lab
- i.** Power Electronics and Drives Lab

## 4.2 Department of Electronics and Communication Engineering (ECE):

| Designation         | Name                  | Qualifications |
|---------------------|-----------------------|----------------|
| Professor           | -                     | -              |
| Associate Professor | Dr. Rudra Sankar Dhar | Ph. D.         |
| Assistant Professor | Dr. Chaitali Koley    | Ph. D.         |
|                     | Dr. Anumoy Ghosh      | Ph. D.         |
|                     | Dr. Sushanta Bordoloi | Ph. D.         |
|                     | Dr. K. Vanlalawmpuia  | Ph. D.         |
| Temporary Faculty   | Dr. Pragati Singh     | Ph. D.         |
|                     | Dr. Trigunesh Narzary | Ph. D.         |

### 4.2.1 Laboratories / Workshops

- a. Digital Circuits Lab
- b. Analog Circuits Lab
- c. Integrated Circuit Lab
- d. Microprocessors & Microcontrollers Lab
- e. Analog Communication Lab
- f. Digital Communication Lab
- g. DSP Lab
- h. VLSI Lab
- i. RF & Microwave Lab
- j. Analog VLSI Lab
- k. State of Art Computing Facility

### 4.3 Department of Computer Science and Engineering (CSE):

| Designation         | Name                   | Qualifications |
|---------------------|------------------------|----------------|
| Professor           | -                      | -              |
| Associate Professor | -                      | -              |
| Assistant Professor | Dr. Sandeep Kumar Dash | Ph. D.         |
|                     | Dr. Lenin Laitonjam    | Ph. D.         |
|                     | Dr. Lalhrauizela       | Ph. D.         |
|                     | Dr. Vaibhav Malviya    | Ph. D.         |
|                     | Dr. Ranjita Das *      | Ph. D.         |

**\*On-Lien Retention to NIT Agartala**

#### 4.3.1 Laboratories / Workshops

- a.** Programming & Network Lab
- b.** Programming & Database Lab

#### 4.4 Department of Mechanical Engineering (ME):

| Designation         | Name                 | Qualifications |
|---------------------|----------------------|----------------|
| Professor           | -                    | -              |
| Associate Professor | Dr. Bidesh Roy       | Ph. D.         |
|                     | Dr. Bachu Deb        | Ph. D.         |
|                     | Dr. H. Lalhmingsanga | Ph. D.         |
|                     | Dr. Sukanta Roy      | Ph.D.          |
| Assistant Professor | Dr. Saurav Suman     | Ph. D.         |
|                     | Dr. Vijay Mandal     | Ph.D.          |
| Temporary Faculty   | Dr. Nand Kumar       | Ph. D.         |

##### 4.4.1 Laboratories / Workshops

- a. Engineering Mechanics Laboratory
- b. Mechanical Workshop
- c. Fluid Mechanics Laboratories I & II
- d. Dynamics of Machinery Laboratories I & II
- e. Strength of Materials Laboratory
- f. Manufacturing Laboratories I, II & III
- g. Thermal Laboratories I, II & III
- h. High Computing Laboratory

#### 4.5 Department of Civil Engineering (CE):

| Designation         | Name                     | Qualifications |
|---------------------|--------------------------|----------------|
| Professor           | -                        | -              |
| Associate Professor | Dr. Bijayananda Mohanty  | Ph. D.         |
| Assistant Professor | Dr. Ricky Lalthazuala    | Ph. D.         |
|                     | Dr. Sanasam Vipej Devi   | Ph. D.         |
|                     | Dr. Vanapalli Kumar Raja | Ph. D.         |
| Temporary Faculty   | Dr. Saurav Das           | Ph. D.         |
|                     | Dr. Ricky L. Chhangte    | Ph. D.         |

##### 4.5.1 Laboratories / Workshops

- a.** Surveying Lab
- b.** Concrete Technology Lab
- c.** Hydraulics Lab
- d.** Structure Lab
- e.** Geotechnical Lab

**4.6 Department of Basic Science & Humanities and Social Sciences (BS & HSS):**

| Designation         | Name                           | Qualifications |
|---------------------|--------------------------------|----------------|
| Professor           | Prof. Alok Shukla              | Ph. D.         |
|                     | Prof. Ajmal Koya Pulikkal      | Ph. D.         |
| Associate Professor | Dr. Konthoujam Gyanendra Singh | Ph. D.         |
| Assistant Professor | Dr. Shuchi                     | Ph. D.         |
|                     | Dr. Vinay Singh                | Ph. D.         |
|                     | Dr. Surender Ontela*           | Ph. D.         |
| Temporary Faculty   | Dr. Nikhil Srivastava          | Ph. D.         |

\* On Lien retension to NIT Kurukshetra

**4.6.1 Laboratories / Workshops**

- a. Physics Lab
- b. Chemistry Lab
- c. Language Lab

## CHAPTER 5

### TEACHING PROGRAMMES

#### 5.1 Courses Offered

**(a)** *The Institute offers 4 – years B. Tech. degree courses, viz.,*

- Electrical Engineering (EE)
- Electronics and Communication Engineering (ECE)
- Computer Science and Engineering (CSE)
- Mechanical Engineering (ME)
- Civil Engineering (CE)
- Mathematics and Computing (MC)

**(b)** *PG courses leading to M. Tech. degree of 2 – years duration in the specialization*

- Power Electronics and Drives (Dept. of EE)
- Microelectronics and VLSI System Design (Dept. of ECE)
- Computer Science and Engineering (Dept. of CSE)
- Thermal Engineering (Dept. of ME)
- Civil Engineering (Dept. of CE)

**(c)** *PG courses leading to Ph.D. degree in departments, viz.,*

- Electrical Engineering (EE)
- Electronics and Communication Engineering (ECE)
- Computer Science & Engineering (CSE)
- Mechanical Engineering (ME)
- Civil Engineering (CE)
- Basic Sciences and Humanities and Social Sciences (BS&HSS) [Physics, Chemistry, Mathematics, English and Economics]

**(d)** *5 year dual-degree programme (BTech-MTech) from all the existing Departments of BTech from Department of CIR with specialization*

- Computational Nanotechnology and Semiconductors
- Data Science
- Smart Grid Technology

**(e)** *Minor Programmes for Undergraduate students with specialization in*

- VLSI and Semiconductor Technology

#### 5.2 Course Wise Enrolment by Sex and Category

The following table shows the B. Tech. course wise enrolment by sex and category

| Semester<br>(Batch)                                    | Branch | Open |       | Open<br>(EWS) |       | OBC  |       | SC   |       | ST   |       | PWD  |       | Total |
|--|--------|------|-------|---------------|-------|------|-------|------|-------|------|-------|------|-------|-------|
|  |        | Boys | Girls | Boys          | Girls | Boys | Girls | Boys | Girls | Boys | Girls | Boys | Girls |       |
| 1st & 2nd<br>(2023-24)<br>Batch<br>(Fresh<br>Admission | CE     | 1    | 1     | 4             | 0     | 7    | 3     | 3    | 0     | 6    | 4     | 0    | 0     | 29    |
|  | CSE    | 1    | 1     | 3             | 2     | 10   | 2     | 3    | 2     | 6    | 2     | 1    | 0     | 33    |
|  | ECE    | 3    | 2     | 3             | 2     | 10   | 1     | 4    | 0     | 1    | 0     | 0    | 0     | 26    |
|  | EE     | 2    | 1     | 6             | 0     | 4    | 4     | 2    | 1     | 2    | 1     | 0    | 0     | 23    |

|  |           |          |           |          |           |           |           |          |           |          |          |          |            |           |
|--|-----------|----------|-----------|----------|-----------|-----------|-----------|----------|-----------|----------|----------|----------|------------|-----------|
| During<br>ODD<br>Semester<br>2023-24)      | ME        | 4        | 1         | 2        | 2         | 10        | 3         | 4        | 0         | 2        | 1        | 0        | 0          | <b>29</b> |
|  | MA        | 0        | 1         | 2        | 0         | 3         | 1         | 0        | 0         | 1        | 0        | 0        | 0          | <b>8</b>  |
| <b>Sub-Total</b>                           | <b>11</b> | <b>7</b> | <b>20</b> | <b>6</b> | <b>44</b> | <b>14</b> | <b>16</b> | <b>3</b> | <b>18</b> | <b>8</b> | <b>1</b> | <b>0</b> | <b>148</b> |           |
| Year<br>Back<br>Student                    | CE        | 0        | 0         | 0        | 0         | 1         | 0         | 1        | 0         | 0        | 0        | 0        | 0          | 2         |
|  | ECE       | 0        | 0         | 0        | 0         | 2         | 0         | 1        | 0         | 1        | 0        | 0        | 0          | 4         |
|  | EEE/EE    | 0        | 0         | 0        | 0         | 0         | 0         | 0        | 0         | 1        | 0        | 0        | 0          | 1         |
|  | ME        | 0        | 0         | 1        | 0         | 0         | 0         | 1        | 0         | 1        | 0        | 0        | 0          | 3         |
| <b>Sub-Total</b>                           | <b>0</b>  | <b>0</b> | <b>1</b>  | <b>0</b> | <b>3</b>  | <b>0</b>  | <b>3</b>  | <b>0</b> | <b>3</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>10</b>  |           |
| <b>Grand Total (Fresh<br/>+ year-back)</b> | <b>11</b> | <b>7</b> | <b>21</b> | <b>6</b> | <b>47</b> | <b>14</b> | <b>19</b> | <b>3</b> | <b>21</b> | <b>8</b> | <b>1</b> | <b>0</b> | <b>158</b> |           |

### 5.3 Admission Statistics

The B. Tech. course wise total enrolment of the students in NIT Mizoram is given below.

| Sl. No.      | Branch | No. of Student (UG)<br>(Including year back students) |
|--------------|--------|---|
| 1            | CE     | 31  |
| 2            | CSE    | 33  |
| 3            | ECE    | 30  |
| 4            | EEE/EE | 24  |
| 5            | ME     | 32  |
| 6            | MA     | 8   |
| <b>Total</b> |        | <b>158</b>  |

The M. Tech. and Ph. D. course wise total enrolment of the students in NIT Mizoram for 2023-24 is given below.

| M.Tech (Fresh Admission) During<br>ODD Semester 2023-24 |          |           |           |
|---|----------|-----------|-----------|
| Dept.   | Female   | Male      | Total     |
| CSE   | 0        | 0         | 0         |
| ECE   | 0        | 0         | 0         |
| EEE   | 0        | 0         | 0         |
| ME  | 0        | 0         | 0         |
| CE  | 0        | 5         | 5         |
| CIR   | 4        | 10        | 14        |
| <b>Total</b>  | <b>4</b> | <b>15</b> | <b>19</b> |

| Ph.D (Fresh Admission) During Odd<br>Semester 2023 & Even Semester<br>2024 (AY: 2023-2024) |           |           |           |
|--|-----------|-----------|-----------|
| Dept.  | Female    | Male      | Total     |
| BS & HSS   | 5         | 6         | <b>11</b> |
| CE   | 3         | 4         | <b>7</b>  |
| CSE  | 5         | 7         | <b>12</b> |
| ECE  | 2         | 8         | <b>10</b> |
| EEE  | 8         | 17        | <b>25</b> |
| ME   | 0         | 16        | <b>16</b> |
| <b>Total</b>   | <b>23</b> | <b>58</b> | <b>81</b> |

The state-wise enrolment of B. Tech. students in NIT Mizoram are given below.

| Sl. No.      | State          | No. of Fresh B.Tech students who have been admitted during Odd Semester 2023-24 (AY: 2023-2024) excluding year-back students |
|--------------|----------------|--|
| 1            | ANDHRA PRADESH | 28   |
| 2            | BIHAR          | 42   |
| 3            | HARYANA        | 3  |
| 4            | JAMU & KASHMIR | 1  |
| 5            | JHARKHAND      | 3  |
| 6            | KERALA         | 1  |
| 7            | MAHARASTRA     | 1  |
| 8            | MIZORAM        | 23   |
| 9            | RAJASTHAN      | 14   |
| 10           | TELANGANA      | 9  |
| 11           | UTTAR PRADESH  | 20   |
| 12           | WEST BENGAL    | 3  |
| <b>TOTAL</b> |                | <b>148</b>   |

#### 5.4 Students' Total Strength

The total strength of the B. Tech. students in NIT Mizoram is given below.

| Sl. No.      | Course Year   | No. of Students (UG)      |
|--------------|---|---------------------------|
| 1            | First Year (2023)<br><b>(including 14 years back students and out of 14 only 10 have been admitted)</b> | 148+14=162<br>[162-4=158] |
| 2            | Second year (2022)  | 142                       |
| 3            | Third year (2021)   | 148                       |
| 4            | Fourth year (2020)  | 117                       |
| <b>Total</b> |   | <b>569</b><br>[569-4=565] |

#### 5.5 Hostels

At present, there are 4 (four) Boys' Hostels and 1 (one) Girls Hostel, which can accommodate more than 400 students (including girl students). The Hostels are located at Tanhril and Durtlang, about 10 – 15 kms away from the Academic Buildings at Chaltlang, Aizawl. The Institute has hired 12 (twelve) buses for free transportation of the students to and fro from hostels to academic buildings.

#### 5.6 Scholarships / Assistantships

The students of this Institute are awarded various types of scholarships by various agencies and Central and State Governments. Some of the details of the Central Sector Scholarship are given below.

**Scholarship recipients under the “CENTRAL SECTOR SCHOLARSHIP SCHEME OF NATIONAL FELLOWSHIP AND SCHOLARSHIP FOR HIGHER EDUCATION FOR ST” for the year 2023 – 24 (Renewal)**

| S. No. | NAME OF STUDENT           | ENROLL. No. | MINISTRY LETTER No.   | LETTER DATE    | AMOUNT    |
|--------|---------------------------|-------------|-----------------------|----------------|-----------|
| 1      | YASHPAL SINGH             | BT19CE024   | 11021/03/2<br>022-Sch | 17-07-<br>2023 | 11,500.00 |
| 2      | SONU KUMAR MEENA          | BT20ME024   |                       |                | 10,000.00 |
| 3      | RUTHY<br>LALHMANGAIHZUALI | BT20CE034   |                       |                | 10,000.00 |
| 4      | LALLAWMSANGI<br>COLNEY    | BT20ME009   |                       |                | 10,000.00 |
| 5      | R. LALRUATEFELI           | BT20CS014   |                       |                | 10,000.00 |
| 6      | LALFAKZUALA               | BT20CS002   |                       |                | 10,000.00 |
| 7      | SAMUEL LALRINDIKA         | BT20CS020   |                       |                | 10,000.00 |
| 8      | VANLALLAWLMKIMA           | BT21ME007   |                       |                | 10,000.00 |
| 9      | RAMAVATH RAMESH           | BT20EE007   |                       |                | 10,000.00 |
| 10     | BONATHU LOKESH<br>NAYAK   | BT20ME026   |                       |                | 10,000.00 |
| 11     | KETHAVATH BALU<br>NAIK    | BT21CE027   |                       |                | 10,000.00 |
| 12     | PAMULA SAHITH<br>KUMAR    | BT21EC005   |                       |                | 10,000.00 |
| 13     | BUKKYA YUGANCHAR<br>NAIK  | BT21CS009   |                       |                | 10,000.00 |
| 14     | BANOTH SAI RAM            | BT19EC005   |                       |                | 11,500.00 |

**Scholarship recipients under the “CENTRAL SECTOR SCHOLARSHIP SCHEME OF NATIONAL FELLOWSHIP AND SCHOLARSHIP FOR HIGHER EDUCATION FOR ST” for the year 2023 – 24 (Fresh)**

| S. No. | NAME OF STUDENT                | ENROLL. No. | MINISTRY LETTER No.                       | AMOUNT    |
|--------|--------------------------------|-------------|---|-----------|
| 1      | LILY F LALRAMTIAMI             | BT21CE012   | 11021/02/2022-<br>Sch dated<br>05-09-2023 | 10,000.00 |
| 2      | ANKIT MEENA                    | BT21CE011   |   | 10,000.00 |
| 3      | NANAVATH HARI<br>SHANKAR NAYAK | BT21ME014   |   | 10,000.00 |
| 4      | JUNALI SONOWAL                 | BT19CS014   |   | 11,500.00 |
| 5      | GAUTAM JYOTI CHAKMA            | BT22EC003   |   | 9,500.00  |
| 6      | SUNIL KANTI CHAKMA             | BT21EC006   |   | 10,000.00 |
| 7      | MUDAVATH POOJA                 | BT22CE003   |   | 9,500.00  |
| 8      | RANJEET KUMAR                  | BT19ME019   |   | 11,500.00 |
| 9      | BIAKHLUNCHHUNGA                | BT21CE003   |   | 10,000.00 |
| 10     | PRITY MALIK                    | BT20EC002   |   | 10,000.00 |
| 11     | BHUKYA BHAKSHITH<br>NAYAK      | BT22EE010   |   | 9,500.00  |
| 12     | LALRINFELA                     | BT22CE006   |   | 9,500.00  |

|    |                     |           |  |           |
|----|---------------------|-----------|--|-----------|
| 13 | ROBINSON CHAKMA     | BT21EE006 |  | 10,000.00 |
| 14 | RAMESH KANTI CHAKMA | BT21EE027 |  | 10,000.00 |
| 15 | ADE TARUN           | BT22EC031 |  | 9,500.00  |
| 16 | BHUKYA SAI KUMAR    | BT19ME008 |  | 11,500.00 |

**Scholarship Recipients under PM YASAVI TOP CLASS EDUCATION IN COLLEGE FOR OBC, EBC & DNTS-2023-2024 (DBT MODE)**

| S. No. | NAME OF STUDENT                | ENROLL. No. | CATEGORY | AMOUNT      |
|--------|--------------------------------|-------------|----------|-------------|
| 1      | SABBavarapu YAMINI             | BT22CS008   | OBC      | 93,450.00   |
| 2      | PUSUKURI VARA PRASAD           | BT23EC016   | OBC      | 1,07,200.00 |
| 3      | JANYAVULA BALU NAGA VARAPRASAD | BT22EC033   | OBC      | 93,450.00   |
| 4      | UGGINA CHAITANYA               | BT23EC004   | OBC      | 1,07,200.00 |
| 5      | MEDURI DEEKSHITA               | BT22ME028   | OBC      | 61,200.00   |
| 6      | RAHUL KUMAR                    | BT22CE023   | OBC      | 93,450.00   |
| 7      | MANOJ KUMAR SHARMA             | BT22CS031   | OBC      | 93,450.00   |
| 8      | AADITYA RAJ                    | BT22CE019   | OBC      | 93,450.00   |
| 9      | NISHANT RAJ                    | BT22EC004   | OBC      | 1,35,116.00 |
| 10     | SANJANA GUPTA                  | BT22EE001   | OBC      | 1,35,116.00 |
| 11     | ATUL KUMAR                     | BT22CS023   | OBC      | 93,450.00   |
| 12     | SHUBHAM KUMAR                  | BT22ME005   | OBC      | 93,450.00   |
| 13     | SOURABH KUMAR                  | BT22CE004   | OBC      | 93,450.00   |
| 14     | RAHUL KUMAR                    | BT22CE020   | OBC      | 93,450.00   |
| 15     | SONI KUMARI                    | BT22EE024   | OBC      | 93,450.00   |
| 16     | PUNAM KUMARI                   | BT22CE009   | OBC      | 93,450.00   |
| 17     | VIKASH KUMAR                   | BT22EC025   | OBC      | 93,450.00   |
| 18     | ROHIT KUMAR GUPTA              | BT22EE031   | OBC      | 1,35,116.00 |
| 19     | MANISH KUMAR                   | BT23CS037   | OBC      | 1,07,200.00 |
| 20     | DIGAMBER KUMAR SHARMA          | BT22EC014   | OBC      | 93,450.00   |
| 21     | DEEPAK KUMAR                   | BT22EC037   | OBC      | 93,450.00   |
| 22     | AMAN KUMAR                     | BT21EC031   | OBC      | 93,450.00   |
| 23     | RAVIRANJAN KUMAR               | BT22CS039   | OBC      | 93,450.00   |
| 24     | VIKASH KUMAR                   | BT23CE016   | OBC      | 1,07,200.00 |
| 25     | RAHUL KUMAR                    | BT22EE021   | OBC      | 93,450.00   |
| 26     | RAVI RANJAN SUMAN              | BT22EE023   | OBC      | 93,450.00   |
| 27     | RAVI SHANKAR KUMAR             | BT21EE035   | OBC      | 93,450.00   |
| 28     | ARMAN KUMAR                    | BT23EC006   | OBC      | 1,07,200.00 |
| 29     | PRIYANSHU RANJAN               | BT22EE016   | OBC      | 93,450.00   |
| 30     | MONIKA                         | BT23CE019   | OBC      | 1,07,200.00 |
| 31     | DHARMENDRA CHOUDHARY           | BT21EC028   | OBC      | 93,450.00   |
| 32     | RITIKA                         | BT23EE001   | OBC      | 1,07,200.00 |
| 33     | TELUGU DHARMENDRA              | BT22EC010   | OBC      | 1,35,116.00 |
| 34     | SAURABH VERMA                  | BT23EC029   | OBC      | 1,07,200.00 |
| 35     | KSHITIZ VERMA                  | BT23EC012   | OBC      | 1,07,200.00 |
| 36     | RAMU YADAV                     | BT23CS035   | OBC      | 1,07,200.00 |

|    |                   |           |     |             |
|----|-------------------|-----------|-----|-------------|
| 37 | MOHAMMAD REHAN    | BT23EC003 | OBC | 1,07,200.00 |
| 38 | HIMANSHU SINGH    | BT22ME009 | OBC | 93,450.00   |
| 39 | PRACHI GUPTA      | BT21EC040 | OBC | 93,450.00   |
| 40 | LUCKY             | BT22CS001 | OBC | 93,450.00   |
| 41 | ABDUL MUID        | BT22CS010 | OBC | 93,450.00   |
| 42 | SHRADHHA YADAV    | BT22ME016 | OBC | 93,450.00   |
| 43 | SAURABH           | BT22CE026 | OBC | 93,450.00   |
| 44 | ABHINAV GUPTA     | BT22ME014 | OBC | 93,450.00   |
| 45 | PRIYANSHU AGRAWAL | BT23CS006 | GEN | 1,07,200.00 |
| 46 | ABHISHEK YADAV    | BT22CS040 | OBC | 93,450.00   |
| 47 | VINAY PATEL       | BT22CS006 | OBC | 93,450.00   |
| 48 | ANUSHKA GUPTA     | BT22EE017 | OBC | 1,35,116.00 |
| 49 | PRASHANT YADAV    | BT22EE032 | OBC | 93,450.00   |
| 50 | VISHAL KUMAR      | BT22CE016 | OBC | 93,450.00   |
| 51 | MOHIT RAJ         | BT21EE011 | OBC | 93,450.00   |

## 5.7 Games and Sports

The Institute organizes games and sports every year under the banner 'Shaurya.' The following sports are generally organized every year during Sports Week:

- Cricket
- Football
- Table Tennis
- Volleyball
- Carom
- Chess
- Sprint / Race
- Computer games

Besides games and sports, the Institute also organizes Cultural Festival and Technical Festival cum-Fresher's Social annually under the banner '**Anunaad**' for the students.

## 5.8 Examination Details

The Examination Section centrally conducts Mid-semester and End-semester examination in respect of theory components of the subjects unless otherwise permitted. The results are declared in terms of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) on 10 (ten) point scale. As per national standard, results are declared after one week of the completion of the examination. There is a continuous assessment of the students' performance throughout the semester and grades are awarded by the concerned teacher. In case of theoretical subjects, the evaluation is based on class assessment (attendance, class tests, assignments, quizzes, etc.), mid-semester examination and end-semester examination. The respective weightage for these subcomponents is as below. In case of sessional subjects (Laboratory, Design,

Practical, Workshop, etc.), the evaluation is based on the basis of attendance, assessment of tasks assigned and the end-semester test/viva.

| Sl. No. | Subcomponent             | Weightage |
|---------|--------------------------|-----------|
| 1.      | Class Assessment         | 20 %      |
| 2.      | Mid-semester Examination | 30 %      |
| 3.      | End-semester Examination | 50 %      |

### Results of the Undergraduate and Post Graduate Examinations

#### Degree: Bachelor of Technology

| Dept. | Semester | Total No. of Students | Total Pass Students After Re-Exam | Total Students Fail | Pass % |
|-------|----------|-----------------------|-----------------------------------|---------------------|--------|
| CE    | I        | 34                    | 24                                | 10                  | 70.59  |
|       | II       | 34                    | 19                                | 15                  | 55.89  |
|       | III      | 37                    | 26                                | 11                  | 70.27  |
|       | IV       | 30                    | 28                                | 2                   | 93.34  |
|       | V        | 28                    | 25                                | 3                   | 89.29  |
|       | VI       | 27                    | 26                                | 1                   | 96.30  |
|       | VII      | 28                    | 27                                | 1                   | 96.43  |
|       | VIII     | 28                    | 28                                | 0                   | 100    |
| CSE   | I        | 48                    | 33                                | 15                  | 68.75  |
|       | II       | 40                    | 32                                | 8                   | 80     |
|       | III      | 50                    | 46                                | 4                   | 92     |
|       | IV       | 53                    | 44                                | 9                   | 83.02  |
|       | V        | 40                    | 36                                | 4                   | 90     |
|       | VI       | 22                    | 19                                | 3                   | 86.37  |
|       | VII      | 25                    | 21                                | 4                   | 84     |
|       | VIII     | 25                    | 25                                | 0                   | 100    |
| ECE   | I        | 42                    | 28                                | 14                  | 66.67  |
|       | II       | 37                    | 27                                | 10                  | 72.98  |
|       | III      | 36                    | 33                                | 3                   | 91.67  |
|       | IV       | 35                    | 31                                | 4                   | 88.58  |
|       | V        | 39                    | 36                                | 3                   | 92.31  |
|       | VI       | 37                    | 31                                | 6                   | 83.79  |
|       | VII      | 25                    | 24                                | 1                   | 96     |
|       | VIII     | 25                    | 25                                | 0                   | 100    |
| EE    | I        | 19                    | 14                                | 5                   | 73.68  |
|       | II       | 17                    | 14                                | 3                   | 82.36  |

|     |      |     |     |     |       |
|-----|------|-----|-----|-----|-------|
|     | III  | --- | --- | --- | ---   |
|     | IV   | --- | --- | --- | ---   |
|     | V    | --- | --- | --- | ---   |
|     | VI   | --- | --- | --- | ---   |
|     | VII  | --- | --- | --- | ---   |
|     | VIII | --- | --- | --- | ---   |
|     | I    | --- | --- | --- | ---   |
|     | II   | --- | --- | --- | ---   |
| EEE | III  | 36  | 32  | 4   | 88.89 |
|     | IV   | 38  | 24  | 14  | 63.16 |
|     | V    | 29  | 23  | 6   | 79.31 |
|     | VI   | 26  | 19  | 7   | 73.08 |
|     | VII  | 22  | 18  | 4   | 81.82 |
|     | VIII | 22  | 21  | 1   | 95.46 |
|     | I    | 35  | 29  | 6   | 82.86 |
|     | II   | 33  | 20  | 13  | 60.61 |
| ME  | III  | 32  | 22  | 10  | 68.75 |
|     | IV   | 24  | 19  | 5   | 79.17 |
|     | V    | 25  | 21  | 4   | 84    |
|     | VI   | 18  | 18  | 0   | 100   |
|     | VII  | 18  | 18  | 0   | 100   |
|     | VIII | 18  | 18  | 0   | 100   |

### Degree: Master of Technology

| Dept. | Semester | Total No. of Students | Total Pass Students After Re-Exam | Total Students Fail | Pass % |
|-------|----------|-----------------------|-----------------------------------|---------------------|--------|
| CSE   | I        | ---                   | ---                               | ---                 | ---    |
|       | II       | ---                   | ---                               | ---                 | ---    |
|       | III      | 2                     | 2                                 | 0                   | 100    |
|       | IV       | 2                     | 2                                 | 0                   | 100    |
| CE    | I        | 5                     | 3                                 | 2                   | 60     |
|       | II       | 5                     | 5                                 | 0                   | 100    |
|       | III      | ---                   | ---                               | ---                 | ---    |
|       | IV       | ---                   | ---                               | ---                 | ---    |
| ECE   | I        | ---                   | ---                               | ---                 | ---    |
|       | II       | ---                   | ---                               | ---                 | ---    |

|     |     |      |      |      |      |
|-----|-----|------|------|------|------|
|     | III | ---- | ---- | ---- | ---- |
|     | IV  | ---- | ---- | ---- | ---- |
| EEE | I   | ---- | ---- | ---- | ---- |
|     | II  | ---- | ---- | ---- | ---- |
|     | III | 1    | 1    | 0    | 100  |
|     | IV  | 1    | 1    | 0    | 100  |
|     |     |      |      |      |      |
| ME  | I   |      |      |      |      |
|     | II  |      |      |      |      |
|     | III |      |      | NA   |      |
|     | IV  |      |      |      |      |
| CIR | I   | 14   | 14   | 0    | 100  |
|     | II  | 14   | 14   | 0    | 100  |

## 5.9 Training and 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, Power Grid, L&T, Adobe, Delloite, Ashok Leyland, TA Digital, Delta X, Lumiq, KEC International, TCS, Infosys,

Alstom etc. For 2023-2024 academic session, 90.7% of the registered students at Training and Placement Office have been placed in different companies with an average CTC of 7.15 LPA and highest CTC of 18 LPA.

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 (BIS), 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.

#### **Electronics and Communication Branch (2020-2024 Batch) – [B. Tech]**

| <b>Name of Student</b> | <b>Company Name</b>            | <b>CTC (LPA)</b> |
|------------------------|--------------------------------|------------------|
| Ayush Raj              | Delloite                       | 7.6              |
| Nilesh                 | Delloite                       | 7.6              |
| Sanskars Sharma        | Adobe, Delloite                | 11.67, 7.6       |
| B. Charishma Krishna   | Ashok leyland                  | 7.5              |
| Sathvika Saranya       | Ashok Leyland                  | 7.5              |
| Aryan Gupta            | Corizo , Bakliwal Tutorials    | 6.5, 6           |
| Priti Bharti           | CDAC, Apollo International     | 7, 3.96          |
| Rupesh Gupta           | Pando AI, Apollo International | 8, 3.96          |
| Divy Prakash Chaudhary | Apollo International           | 3.96             |
| Anish Kumar            | Bajaj Capital                  | 5.6              |
| Chelluri Ashish Dheer  | Tutorials point                | 6                |
| Lalchima               | Delhivery                      | 3                |
| Sharda Kumari          | Sagacious IP                   | 8                |
| Abhishek Kumar         | Sagacious IP, ORC Engineering  | 8, 4.2           |
| Nishant Nitin Mishra   | Scaledge                       | 5                |
| Virendra Kumar         | ORC Engineering                | 4.2              |

| <b>Total Eligible Students</b> | <b>Total Students Placed</b> | <b>Average Salary Package (CTC)</b> |
|--------------------------------|------------------------------|-------------------------------------|
| 20                             | 16                           | 6.7 LPA                             |

#### **Electrical and Electronics Engineering Branch (2020-2024 Batch) – [B. Tech]**

| <b>Name of Student</b> | <b>Company Name</b>        | <b>CTC (LPA)</b> |
|------------------------|----------------------------|------------------|
| Kurshed Jakeya Shaik   | Vedanta                    | 14.5             |
| Shahil Kumar           | Vedanta                    | 14.5             |
| Shristi Shatma         | Delloite                   | 7.6              |
| Nihal Kumar            | Unacademy, ORC Engineering | 8, 4.2           |

|                         |                                    |         |
|-------------------------|------------------------------------|---------|
| P. Siva Kumar           | L&T, Anora Labs                    | 6.5, 6  |
| Raj Kumar               | L&T                                | 6.5     |
| M.S.D Gayathri          | L&T                                | 6.5     |
| Aditya Vardhan          | ShadowFax                          | 5       |
| Shahnaz Khatun          | Corizo                             | 6.5     |
| Krishna Raj Vatsh       | Power Grid, Bakliwal Tutorials     | 18, 5.4 |
| Munjam Swapna           | Mahindra & Mahindra, Bajaj Capital | 8       |
| Pawan Kumar Maurya      | Bajaj Capital                      | 5.6     |
| Puroshattam Kumar Singh | Bajaj Capital                      | 5.6     |

| Total Eligible Students | Total Students Placed | Average Salary Package (CTC) |
|-------------------------|-----------------------|------------------------------|
| 13                      | 13                    | 8.68 LPA                     |

#### Computer Science and Engineering Branch (2020-2024 Batch) - [B. Tech]

| Name of Student      | Company Name          | CTC (LPA) |
|----------------------|-----------------------|-----------|
| Amit Kumar Mandal    | TA Digital, Delta X   | 13, 7.5   |
| Pratyusha Garrepelly | Alstom                | 6.8       |
| Abhishek Kumar       | Lumiq.AI              | 8         |
| Avishek Gope         | Lumiq.AI              | 8         |
| Devananda            | VOIS, ShadowFax       | 5, 5      |
| Vansh Chaudhary      | TCS, VOIS             | 6, 5      |
| Aditya Shrivastav    | Capgemini, TCS        | 7.5, 6    |
| Sunny Babu           | TCS                   | 6         |
| Samuel Lalrindika    | CodeYoung             | 7.5       |
| Ankit Kumar          | Bajaj Capital         | 5.6       |
| Nishu Kumari         | Tutorials point       | 6         |
| Chegondi Hari Teja   | Tutorials point, VOIS | 6, 5      |
| Rantti Das           | Bajaj Capital         | 5.6       |

| Total Eligible Students | Total Students Placed | Average Salary Package (CTC) |
|-------------------------|-----------------------|------------------------------|
| 16                      | 13                    | 7.0 LPA                      |

#### Mechanical Branch (2020-2024 Batch) - [B. Tech]

| Name of Student                 | Company Name  | CTC (LPA) |
|---------------------------------|---------------|-----------|
| Palli Chanikya                  | Vedanta       | 14.5      |
| Sonu Kumar Meena                | Vedanta       | 14.5      |
| Janaki Ram Abireddy             | Lumiq         | 8         |
| Prakash Jha                     | Ashok Leyland | 7.5       |
| Souvik Mondal                   | Ashok leyland | 7.5       |
| Mantu Kumar                     | Ashok Leyland | 7.5       |
| Suraj Kumar                     | Corizo        | 6.5       |
| Poorna Chandra Sekhar Kurushala | Bajaj Capital | 5.6       |

|                      |                                    |        |
|----------------------|------------------------------------|--------|
| Puneet Kumar         | ORC Engineering                    | 4.2    |
| L. Nithish Kumar     | Bajaj Capital                      | 5.6    |
| Deepak Kumar         | Bajaj Capital                      | 5.6    |
| Mounika Killana      | Bajaj Capital                      | 5.6    |
| Lekkala Jahnavi      | Mahindra & Mahindra, Bajaj Capital | 8, 5.6 |
| Muddha Priyanka      | Bajaj Capital                      | 5.6    |
| Banothu Lokesh Nayak | Bajaj Capital                      | 5.6    |

| Total Eligible Students | Total Students Placed | Average Salary Package (CTC) |
|-------------------------|-----------------------|------------------------------|
| 15                      | 15                    | 7.5 LPA                      |

### Civil Branch (2020-2024 Batch) - [B. Tech]

| Name of Student  | Company Name                            | CTC (LPA) |
|------------------|---|-----------|
| Mukul Pathak     | KEC International, ShadowFax            | 6, 5      |
| Luxmi Kumari     | KEC International, ShadowFax, Delhivery | 6.0, 5, 3 |
| Akanksha Kumari  | KEC International                       | 6         |
| Avinash Kumar    | KEC International                       | 6         |
| Muskan Kumari    | KEC International                       | 6         |
| Nayani Aravind   | Bajaj Capital                           | 5.6       |
| Krishan Kumar    | Bajaj Capital                           | 5.6       |
| Debanjan Das     | Bajaj Capital                           | 5.6       |
| Shembok Sohkhlet | Bajaj Capital                           | 5.6       |
| Guriya Kumari    | Bajaj Capital                           | 5.6       |
| Ramavath Ramesh  | Bajaj Capital                           | 5.6       |

| Total Eligible Students | Total Students Placed | Average Salary Package (CTC) |
|-------------------------|-----------------------|------------------------------|
| 11                      | 11                    | 5.8 LPA                      |

### The overall placements for 2024 pass-out batch:

| B. Tech Placement Statistics (2020-2024) |  |
|--|--|
| 1.                                       | Total Placed Percentage ECE= 80%       |
| 2.                                       | Total Placed Percentage EEE= 100%      |
| 3.                                       | Total Placed Percentage CSE= 81%       |
| 4.                                       | Total Placed Percentage ME= 100%       |
| 5.                                       | Total Placed Percentage CE = 100%      |
| 6.                                       | Overall Placed Students (B. Tech) = 68 |
| 7.                                       | Overall Offers (B. Tech) = 85          |
| 8.                                       | Overall Average CTC = 7.15 LPA         |
| 9.                                       | Companies Visited = 78                 |
| 10.                                      | Highest CTC = 18 LPA                   |
| <b>Overall Placed Percentage = 90.7%</b> |  |

**CHAPTER 6**  
**THE COUNCIL AND BOARD OF GOVERNORS**

**6.1 Board of Governors**

The following are the members of the Board of Governors (BOGs) of NIT Mizoram:

| <b>Sl. No.</b> | <b>Name and Designation</b>   | <b>Will serve as</b> |
|----------------|---|----------------------|
| 1.             | Mr. Harshavardhan Neotia<br>Chairman, Ambuja Neotia Group, Kolkata                                    | Chairperson          |
| 2.             | Prof. S Sundar, Director, NIT Mizoram   | Ex-Officio Member    |
| 3.             | Additional Secretary or Joint Secretary (Technical)<br>Dept. of Higher Education, MoE, Govt. of India | Member               |
| 4.             | Financial Advisor<br>Dept. of Higher Education, MoE, Govt. of India                                   | Member               |
| 5.             | Mrs. Sangchhin Chinzah, IAS<br>Director, Higher & Technical Education, Govt. of Mizoram               | Member               |
| 6.             | Er. Vanlal Duhsaka<br>Secy. (Retd.), PWD, Govt. of Mizoram  | Member               |
| 7.             | Prof. Gopal Das<br>Prof. (Chemistry), IIT Guwahati  | Member               |
| 8.             | Prof. Alok Shukla<br>Professor, Deptt. of BS&HSS (Physics), NIT Mizoram                               | Member               |
| 9.             | Dr. Ricky Lalthazuala<br>Asst. Professor Grade-I, Deptt. of CE, NIT Mizoram                           | Member               |
| 10.            | Prof. Ajmal Koya Pulikkal,<br>Registrar In-Charge, NIT Mizoram  | Secretary            |

**6.2 Finance Committee**

The following are the members of the Finance Committee of NIT Mizoram:

| <b>Sl. No.</b> | <b>Name and Designation</b>  | <b>Will serve as</b>           |
|----------------|--|--------------------------------|
| 1.             | Mr. Harshavardhan Neotia<br>Chairman, Ambuja Neotia Group, Kolkata                 | Chairman                       |
| 2.             | Prof. S Sundar, Director, NIT Mizoram  | Ex-Officio Member              |
| 3.             | Joint Secretary or his nominee<br>Dept. of Higher Education, MoE, Govt. of India   | Member                         |
| 4.             | Financial Advisor or his nominee<br>Dept. of Higher Education, MoE, Govt. of India | Member                         |
| 5.             | Prof. Alok Shukla<br>Professor, Deptt. of BS&HSS (Physics), NIT Mizoram            | Member                         |
| 6.             | Prof. Ajmal Koya Pulikkal,<br>Registrar In-Charge, NIT Mizoram                     | Ex-Officio Member<br>Secretary |

### 6.3 Building and Works Committee

The following are the members of the Building & Works Committee of NIT Mizoram:

| Sl. No. | Name and Designation  | Will serve as                  |
|---------|---|--------------------------------|
| 1.      | Prof. S Sundar, Director, NIT Mizoram   | Ex-Officio Chairman            |
| 2.      | Director (TE)<br>Dept. of Higher Education, MoE, GoI                                  | Member                         |
| 3.      | Director (IFD),<br>Dept. of Higher Education, MoE, GoI                                | Member                         |
| 4.      | Prof. Anjan Dutta,<br>Professor, Deptt. of CE, IIT Guwahati                           | Member<br>(BOG Nominee)        |
| 5.      | Prof. P. S. Choudhury<br>Professor, Deptt. of CE, NIT Silchar                         | Member<br>(BOG Nominee)        |
| 6.      | Dr. J. H. Ansari, Former Director, SPA, New Delhi                                     | Member<br>(BOG Nominee)        |
| 7.      | Shri CH. Lalnunchama,<br>Executive Engg. (Electrical), PWD, Govt. of Mizoram          | Member                         |
| 8.      | Dr. Bijayananda Mohanty<br>Assoc. Professor, Deptt. of CE & Dean (P & D), NIT Mizoram | Member                         |
| 9.      | Prof. Ajmal Koya Pulikkal,<br>Registrar In-Charge, NIT Mizoram                        | Ex-Officio Member<br>Secretary |

### 6.4 Senate

The following are the members of the Senate of NIT Mizoram:

| Sl. No. | Name and Designation   | Will serve as       |
|---------|--|---------------------|
| 1.      | Prof. S Sundar, Director, NIT Mizoram  | Ex-Officio Chairman |
| 2.      | Prof. R. Sarathi<br>FNAE, Deptt. of Electrical Engineering, IIT Madras               | Member              |
| 3.      | Prof. M. Kamraj<br>FNAE, Deptt. of Materials & Metallurgical Engineering, IIT Madras | Member              |
| 4.      | Prof. Anindita Chakrabarti<br>Professor, Deptt. of HSS, IIT Kanpur                   | Member              |
| 5.      | Dr. Rudra Sankar Dhar<br>Dean (Academics), NIT Mizoram                               | Member              |
| 6.      | Prof. Ajmal Koya Pulikkal,<br>Registrar In-Charge, NIT Mizoram                       | Secretary           |

**CHAPTER 7**  
**CONCESSION FOR SC, ST, OBC, PERSONS WITH DISABILITY AND ECONOMICALLY  
 WEAKER SECTION**

**7.1 Concession for Students**

Admission to 1<sup>st</sup> year of B. Tech. Course is made through JEE Main conducted by CSAB and reservation of seats for SC, ST, OBC, EWS and Physically Handicapped (PH) category of candidates is followed as per the guidelines framed by Department of Higher Education, Ministry of Education, Govt. of India.

The reservation of seats is as follows:

| <b>Course</b> | <b>Type of Concessions</b>     | <b>Category of Students</b> | <b>Magnitude</b> |
|---------------|--------------------------------|-----------------------------|------------------|
| B. Tech.      | Reservation at admission stage | SC                          | 15 %             |
|               |                                | ST                          | 7.5 %            |
|               |                                | OBC                         | 27 %             |
|               |                                | PWD                         | 3 %              |
|               |                                | EWS                         | 10 %             |

**7.2 Concession for Staff**

The Institute also follows reservations in appointment at entry level to SC, ST, OBC and PWD category of candidates as per Government of India rule. Concession in application fee is also applicable as the rule of the Government of India.

**CHAPTER 8**  
**FINANCIAL STATUS**

**8.1 Analysis of Plan, Non-Plan and OSC Grants**

(Figures in Rs. Lakh)

| Sl.<br>No.   | Year    | Grants-in-aid from Min. of Education<br>(erstwhile MHRD), Govt. of India |              |                  |                   | IRG             | Total            |  |  |
|--------------|---------|--|--------------|------------------|-------------------|-----------------|------------------|--|--|
|              |         | Plan   | Non-<br>Plan | Plan (OSC)       |                   |                 |                  |  |  |
|              |         |  |              | Recurring        | Non-<br>recurring |                 |                  |  |  |
| 1.           | 2009-10 | 140.00   | -            | 140.00           | -                 | -               | <b>140.00</b>    |  |  |
| 2.           | 2010-11 | 250.00   | -            | -                | 250.00            | 20.89           | <b>270.89</b>    |  |  |
| 3.           | 2011-12 | 500.00   | -            | 500.00           | -                 | 57.66           | <b>557.66</b>    |  |  |
| 4.           | 2012-13 | 1,500.00   | -            | 1,100.00         | 400.00            | 121.98          | <b>1,621.98</b>  |  |  |
| 5.           | 2013-14 | 1,500.00   | -            | 200.00           | 1,300.00          | 155.36          | <b>1,655.36</b>  |  |  |
| 6.           | 2014-15 | 5,300.00   | -            | 897.32           | 4,402.68          | 203.39          | <b>5,503.39</b>  |  |  |
| 7.           | 2015-16 | 6,594.65   | -            | 830.40           | 5,764.25          | 216.41          | <b>6,811.06</b>  |  |  |
| 8.           | 2016-17 | 5,500.00   | -            | 413.00           | 5,087.00          | 268.83          | <b>5,768.83</b>  |  |  |
| 9.           | 2017-18 | 7,316.00   | -            | 2,600.00         | 4,716.00          | 465.85          | <b>7,781.85</b>  |  |  |
| 10.          | 2018-19 | 2,050.00   | -            | 2,050.00         | -                 | 320.90          | <b>2,370.90</b>  |  |  |
| 11.          | 2019-20 | -  | -            | -                | -                 | 261.92          | <b>261.92</b>    |  |  |
| 12.          | 2020-21 | 1,964.00   | -            | 864.00           | 1,100.00          | 223.55          | <b>2,187.55</b>  |  |  |
| 13.          | 2021-22 | 1,352.46   | -            | 1,227.46         | 125.00            | 249.70          | <b>1,602.16</b>  |  |  |
| 14.          | 2022-23 | 4,423.23   | -            | 3082.23          | 1341.00           | 452.37          | <b>3534.60</b>   |  |  |
| 15.          | 2023-24 | 4,690.00   |              | 3598.00          | 1092.00           | 465.00          | <b>5155.00</b>   |  |  |
| <b>TOTAL</b> |         | <b>43,080.34</b>   | -            | <b>17,502.41</b> | <b>25,577.93</b>  | <b>3,483.81</b> | <b>45,223.15</b> |  |  |

**8.2 Sources of Fund**

The Ministry of Education, Government of India is source for providing funds to this Institute.

**8.3 Expenditure Position**

The expenditure position is given in the Annexure in the Audit Report.

## CHAPTER 9

### CENTRAL FACILITIES AND SERVICES

#### **9.1 Library**

The Institute has a Central Library which approximately consists of 14,400 books. Out of this about 13,600 books belong to general textbooks for use in regular classes and more than 800 books are for reference.

Apart from this, the library also has 6790 titles of E-books from renowned publishers like Elsevier, Tata McGraw, Springer Nature, Cambridge University Press, Wiley online Books belonging to various departments of the Institute.

Besides a good number of journals like Taylor & Francis, Springer Link (1700+ e-Journals), and Science Direct, Jstor, Mathscinet. Central Library has become a member of E-sodhsindhu consortium in 2024.

Central Library consists of reports, magazines, national and regional newspapers also. The Central Library has taken initiative to add all the faculty members and researchers with IRINS, a web-based Research Information Management (RIM) service developed by the Information and Library Network (INFLIBNET) Centre. The IRINS is supporting us to integrate the existing research management system such as HR system, course management, grant management system, institutional repository, open and commercial citation databases, scholarly publishers, etc.

In 2024 the Central Library took the initiative to participate in Sodh-chakra. Shodh-chakra is an initiative of the Information and Library Network Centre (INFLIBNET) under the guidance of the (UGC) to help the academic community during their research life cycle. Shodh-chakra provides a unique space to the researcher, guide/supervisor and university to manage the research lifecycle of a research scholar. This will work as a digital workspace wherein researchers can collect, store, organize and cite their research work. The Shodh-chakra would help researchers to create their profile and manage their preferences.

The Central Library uses Turnitin anti-plagiarism software for plagiarism checking; research thesis are plagiarism checked through Turnitin software and are uploaded to Sodhganga, a repository of Information and Library network Centre as per UGC Notification (Minimum Standards & procedure for Award of M.Phil/Pd.D Degree, regulation, 2009)

All the rooms of Central Library are equipped with air conditioners for better reading environment, and is functional with LIBMAN library management software. CCTV has been installed in all the areas of library in order to provide proper security.

#### **9.2 Central Workshop**

The Institute has one Central Workshop with a good number of machines and instruments. The various shops available are Carpentry, Fitting, Welding and Machine shops. The major machines available in the workshop are the Lathe machine, Milling Machine, Shaper Machine, Cutting Machine, and Drilling Machine. The welding shop has manual arc welding machines with all the safety equipment for the students and

instructor. The **Mechanical Engineering Department** maintains and conducts the laboratory experiments of the workshops. The snapshots of the workshop are shown below.



### 9.3 Internet Service

The Institute buildings are well connected with both wired and wireless internet connections. The Institute has 20 Gbps internet connectivity (24X7) under National

Knowledge Network (NKN), Govt. of India, connected through redundant fiber cables. Apart from this, the Institute is also having a 2Mbps leased line internet connection from BSNL and other Private Internet Service Providers as redundant connectivity. As a whole the Institute is connected and properly networked via cisco router and switches.

#### **9.4 Laboratories**

Each Department in the Institute has various laboratories with well-equipped instruments and machines.

## CHAPTER 10

### EVENTS AT NIT MIZORAM

#### 10.1 Anunaad 2023

The National Institute of Technology Mizoram hosted a remarkable event named "Anunaad" on April 3, 2023, to celebrate both the Fresher Party for the Batch of 2022-2026 and the Farewell for the Batch of 2019-2023. This event marked an important occasion in the institute's calendar, as we welcomed new students and bid adieu to our graduating seniors. "Anunaad: Fresher Party and Farewell" took place at Vanapa Hall and commenced at 2:00 PM. This dual-purpose event was designed to create a sense of camaraderie and unity among our diverse student body.



*Performance during Annunad 2023*

#### 10.2 Extramural Talk on Automotive Disruption & The Urban Mobility Revolution

The Department of Electrical Engineering conducted an Extramural Talk on Automotive Disruption & The Urban Mobility Revolution on 25<sup>th</sup> April 2024 with joint collaboration of The Institution of Engineers Mizoram State Centre. The Department invited Prof. Kailash Srivastava, former IIT Mandi Adjunct faculty for this talk. The lecture started with the introduction speech by Prof. Saibal Chatterjee, Chairman, (IEI) Mizoram State Centre and felicitation of the invitee by Director Prof. S. Sundar.

The expert lecturer started his talk in a very innovative way via quizzes to be answered by the audience regarding the concerned topic. The automotive industry is experiencing significant disruption due to various technological advancements, regulatory changes, and shifting consumer preferences. This disruption is transforming urban mobility, leading to what many are calling an urban mobility revolution.

**NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM**  
**राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम**  
 (An Institute of National Importance under Ministry of Education, Govt. of India)

**Extramural Lecture on**  
**AUTOMOTIVE DISRUPTION & THE URBAN MOBILITY REVOLUTION**

**25-26<sup>th</sup> APRIL 2024**  
**VENUE:** Administrative Building Seminar Hall, NIT Mizoram

**Organised by**  
**DEPARTMENT OF ELECTRICAL ENGINEERING, NIT MIZORAM**  
**&**  
**THE INSTITUTION OF ENGINEERS (INDIA) MIZORAM STATE CENTRE**

**CHIEF PATRON:** Prof. S. Sundar, Director, NIT Mizoram  
**CONVENER:** Prof. Saibal Chatterjee, Chairman, IEI (India) Mizoram state centre  
**SPEAKER:** Prof. Kailash N. Srivastava, Humanities & Social Sciences. Dept., IIT Kharagpur

**COORDINATOR:** Dr. Krishnarti De, Asst. Professor, NIT Mizoram

**G20** India 2023






The talk was much focused on the changing trend of science and how the urban mobility has made its way by adapting to the necessary changes to facilitate the future requirements. The audience found interest in the expert lecturer's vast experience in industry platform and his unique transform into academics. Prof. Kailash concluded that the automotive disruption and urban mobility revolution are reshaping how people and goods move within cities. As technology continues to advance, and cities adopt more sustainable and integrated transportation systems, the future of urban mobility promises to be more efficient, environmentally friendly, and accessible to all. The collaboration between governments, businesses, and communities will be key to successfully navigating these transformative changes. The audience interacted with Prof. Kailash Srivastava with their queries in the field. The lecture ended with vote of thanks for the Department HoD, Dr. Suman Majumder and the coordinator Dr. Krishnarti De.





### 10.3 INTERNATIONAL YOGA DAY

The International Day of Yoga 2023 was celebrated by performing Yoga Poses suggested by Ministry of Aayush. Faculty, staff and students enthusiastically participated in the same. Few photographs of the same are as below.



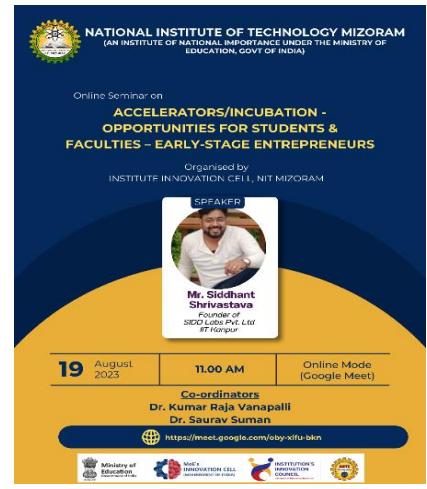
### 10.4 EXTRAMURAL TALKS / LECTURES

Department of Mechanical Engineering organized an extramural lecture on Research opportunities at IIT Gandhinagar on 2<sup>nd</sup> June of 2023. The talk was delivered by Dr. Amit Arora, Associate Professor, Dept. of Material Engineering, IIT Gandhinagar at Seminar hall, Administrative building, NIT MIZORAM. Students enthusiastically interacted with expert during his talk and got to know about different fellowships available at IIT Gandhinagar for direct Ph.D (after UG) and regular Ph.D, JRF etc.



## 10.5 Expert lecture/ talk on Start-ups & Entrepreneurship

The Institute Innovation Council (IIC) of NIT MIZORAM has organised series of online seminars which intend to raise awareness about 'Startup and related Ecosystem Support Services for Startup Development' in accordance with the activities outlined in the Institute Innovation Council (IIC) calendar for the Academic Year 2022-23. The three sessions were on the topic of "**Lean Start-up & Minimum Viable Product/Business**" on **12<sup>th</sup> August 2023** by **Dr. Bidush Kanti Das**, a distinguished entrepreneur and the Co-founder of **Zelence Industries**. The second session topic was "**Innovation/Prototype Validation – Converting Innovation into a Start-up**" on **26<sup>th</sup> August 2023** delivered by **Mr. Yuvraj Anand**, a distinguished entrepreneur and the Co-founder of **Peopl, Yolo**. And, the 3<sup>rd</sup> session on the topic of "**Accelerators/Incubation - Opportunities for Students & Faculties – Early-Stage Entrepreneurs**" on **19<sup>th</sup> August 2023**. was delivered by **Mr. Siddhant Shrivastava**, a distinguished entrepreneur and the co-founder of **Smart Innovative Design and Development (SIDD) Labs**. These program was hosted by **Dr. Kumar raja Vanapalli** (Start-up activity coordinator), and **Dr. Saurav Suman**, (Convenor, IIC).



## 10.6 A Popular and Extramural Lecture

Experience the insightful discourse on India's global leadership at the G20 Presidency lecture hosted by Dr. Pragati Singh at NIT Mizoram. Dr. Vaishali Krishna, an esteemed Assistant Professor from JNU's School of International Studies, delved into the theme of "One Earth, One Family, One Future" on 07th August, 2023. Her profound insights illuminated the Seminar Room in the Administrative Block, underscoring India's vision for global cooperation and sustainable development. This event underscored the importance of international dialogue and collaboration in shaping a shared future for humanity.



## 10.7 NorthEast Y20 Conclave

The North East Y20 Conclave, hosted at NIT Silchar from 25th-28th August 2023, was a landmark event fostering youth empowerment and regional cooperation in India's North Eastern states. Organized by NIT Silchar and Assam University, with co-organizers including NIT Agartala, NIT Arunachal Pradesh, and others, the event received support from the DONER Ministry and RIS New Delhi. Sponsored by SBI, IOCL, and SBI Mutual Fund, among others, the conclave featured panel discussions, workshops, and sessions on education, entrepreneurship, and sustainable development. Celebrating the three-year anniversary of NEP 2020, it highlighted the transformative impact of India's National

Education Policy. Led under the supervision of Dr. Pragati Singh, the conclave engaged youth and stakeholders in impactful dialogues and collaborations, marking it a resounding success.



## 10.8 SPIC MACAY

The Society for the Promotion of Indian Classical Music and Culture amongst Youth (SPIC MACAY) founder Padma Shri Kiran Seth, Emeritus Professor, IIT Delhi visited NIT Mizoram on 24<sup>th</sup> January 2024 and interacted with our Director, Prof. S Sundar and also with the students of NIT Mizoram. A SPIC MACAY programme was held, where, Pandit Vishwa Mohan Bhatt (Padma Bhushan) and Shri Kaushik Konwar performed on 13<sup>th</sup> March 2024 at Vanapa Hall, Aizawl. It was mesmerising evening of classical raga and music.



Padma Shri Kiran Seth with Prof. S Sundar, Director, NIT Mizoram and along with Registrar, Dean (SW) and Associate Dean (SW)



Performance by Pandit Vishwa Mohan Bhatt (Padma Bhushan) and Shri Kaushik Konwar

## 10.9 SVEEP Programme

The Central Bureau of Communication, Field office, Aizawl along with NIT Mizoram organised a one-day Integrated Communication and Outreach Programme on Systematic Voters' Education and Electoral Participation (SVEEP) at Academic Block - VIII, NIT Mizoram on 18<sup>th</sup> March 2024. The programme gave insights to the polling process and voting process and it was immensely useful for the voters in general but the first-time voters, the students, in particular.



SVEEP programme

### 10.10 Report on Extramural Lecture

The Department of Civil Engineering at NIT Mizoram, in collaboration with The Institution of Engineers (India) Mizoram State Centre, organised an offline extramural lecture on April 12, 2024, at 3:00 PM in the Administrative Block conference room at NIT Mizoram. The event was graced by Prof. S. Sundar, Director of NIT Mizoram, as the Chief Patron, and Prof. Saibal Chatterjee, Chairman of IEI (India) Mizoram State Centre, as the Patron. The lecture was delivered by Prof. Deepankar Choudhury, T. Kant Chair Professor (HAG) in the Civil Engineering Department at IIT Bombay, on the topic "Sustainable Foundation Solutions for Mega Infrastructures - Case Studies." Dr. Sanasam Vipej Devi, Head of the Civil Engineering Department at NIT Mizoram, served as the Organizing Secretary, and Dr. Kumar Raja Vanapalli, Assistant Professor at NIT Mizoram, was the Convenor.

Prof. Choudhury's major research areas are Civil Geotechnical Earthquake Engineering, Computational Geomechanics, Sustainable Foundation Engineering, CPRF, Soil Dynamics, and Disaster Resilient Geo-structures. His pioneering research on the pseudo-dynamic method of analysis and design of earthquake-resistant geotechnical structures and

dynamic formulation of the Combined Pile-Raft Foundation (CPRF) is considered fundamental engineering and scientific contributions which are highly recognised and appreciated across the globe.



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**THE INSTITUTION OF ENGINEERS (INDIA)**  
(Established in 1920, Incorporated by Royal Charter 1935)  
A Scientific and Industrial Research Organisation  
A Century of Service to the Nation

Extramural Webinar on  
**SUSTAINABLE FOUNDATION SOLUTIONS FOR MEGA INFRASTRUCTURES - CASE STUDIES**

**12th APRIL 2024 (4 PM)**

**VENUE:** Administrative Building Seminar Hall, NIT Mizoram

Organised by  
**DEPARTMENT OF CIVIL ENGINEERING, NIT MIZORAM**  
&  
**THE INSTITUTION OF ENGINEERS (INDIA) MIZORAM STATE CENTRE**

CHIEF PATRON: **Prof. S. Sundar**, Director, NIT Mizoram

PATRON: **Prof. Saibal Chatterjee**, Chairman, IEI (India) Mizoram State Centre

SPEAKER: **Prof. Deepankar Choudhury**, Chair Professor (HAG), Civil Engineering Dept., IIT Bombay

ORGANIZING SECRETARY: **Dr. Sanasam Vipej Devi**, HOD, Civil Engineering Dept., NIT Mizoram

CONVENOR: **Dr. Kumar Raja Vanapalli**, Asst. Professor, NIT Mizoram



**12th APRIL 2024 (4 PM)**

**Registration Link:** <https://forms.gle/rYxW7jQWaTbxzQdz8>

**Online Streaming Platform:** Google Meet  
(<https://meet.google.com/zbq-tyqv-bzo>)

**PANELIST**



**Prof. Deepankar Choudhury**  
Professor, Civil Engineering Department  
IIT Bombay



**Dr. Kumar Raja Vanapalli**  
Asst Professor, Civil Engineering Department  
NIT Mizoram

**MODERATOR**

### Poster and Flyer for the Extramural Lecture

The program began with the felicitation of the eminent guest, Prof. Choudhury, by the Director of NIT Mizoram and the Chairman of IEI (India) Mizoram State Centre. This was followed by brief speeches from the Director, the Chairman of IEI (Mizoram State Centre), and Prof. Choudhury. During his lecture, Prof. Choudhury explained the significance of various Sustainable Foundation Solutions for Mega Infrastructures, specifically detailing his expertise and involvement in case studies in India, such as the Atal Sethu and other major projects. He also interacted with the audience, both online and offline, addressing their queries. The event concluded with a vote of thanks from the Organizing Secretary, Dr. Sanasam Vipej Devi, Head of the Civil Engineering Department.



## 10.11 Indo-German Workshop on “Advances in Modelling and Computing”

For the first time, National Institute of Technology Mizoram organized an *‘Indo-German Workshop on Advances in Modelling and Computing’* during 26<sup>th</sup> – 28<sup>th</sup> February, 2024 at Hmuifang, Mizoram. Distinguished professors such as Prof. Axel Klar, Prof. Rene Pinnau, Prof. Sudarshan Tiwari, Mr. Klaas Williams and Ms. Corinna Heike Zurloh from RPTU Kaiserslautern, Germany, Prof. S Sundar, Prof. Ashok Kumar Vaikuntham and Prof. R. Balaji from NIT Mizoram and Prof. M. Panchatcharam from IIT Tirupati handled the sessions on various topics. Prof. Ajmal Koya Pulikkal and Dr. Ricky lalthazuala were the coordinator and convenor of the workshop.



**CHAPTER 11**  
**RESEARCH & DEVELOPMENT**

### **11.1 Ph.D. Programmes**

NIT Mizoram provides Ph.D. in the departments of Computer Science & Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Civil Engineering, Mechanical Engineering, and Basic Science & Humanities and Social Science [Physics, Chemistry, Mathematics, English and Economics].

### **11.2 Research Projects**

Research Projects details of the Institute are as follows.

#### **11.2.1 Sponsored Research Projects Completed (during the financial year): NIL**

#### **11.2.2 Sponsored Research Projects (Ongoing)**

| <b><i>Department of Electronics and Communication Engineering</i></b> |                                       |  |   |                               |                |            |                 |
|---|---------------------------------------|--|---|-------------------------------|----------------|------------|-----------------|
| <b>Sl. No.</b>  | <b>Name of Principal Investigator</b> | <b>Title of Project</b>  | <b>Sponsored By</b>   | <b>Amount Sanctioned (Rs)</b> | <b>Date of</b> |            | <b>Duration</b> |
|   |                                       |  |   |                               | <b>Start</b>   | <b>End</b> |                 |
| 1   | Dr. Chaitali Koley                    | Design and Analysis of RF Section for Ka-band Vacuum Electronics Devices | IIT Guwahati Technology Innovation and Development Foundation, DST(GOI) | 67,00,000/-                   | 21/02/2022     | 20/02/2025 | 3 Years         |

|   |  |   |  |                   |            |            |         |
|---|--|---|--|-------------------|------------|------------|---------|
| 2 | Dr. Chaitali Koley,<br>Dr. Sushanta<br>Bordoloi & Dr.<br>Pragati Singh | A Low Power Edge<br>Enabled Smart and<br>Precision Agriculture<br>Ecosystem   | MeiTY  | 1,09,00,000<br>/- | 22/05/2023 | 21/05/2028 | 5 Years |
| 3 | Dr. K.<br>Vanlalawmpuia  | A Platform for Cost-<br>Efficient Public Health<br>Service Delivery in<br>Mizoram   | Technology<br>Innovation Hub<br>(TIH) IIT Bhilai | 37,00,000/-       | 12/12/2023 | 12/12/2025 | 2 Years |
| 4 | Dr. Sushanta<br>Bordoloi   | Development of a<br>portable neonatal<br>intensive care unit for<br>newborn puppies   | Assam<br>Agriculture<br>University               | 10,63,000/-       | 18/05/2023 | 17/05/2026 | 3 Years |
| 5 | Dr. Chaitali Koley<br>and Dr. Sushanta<br>Bordoloi                     | AI-assisted end-to-end<br>Fintech assistance<br>solution for farming<br>system for oil seeds<br>(mustard, sunflower,<br>etc.) cultivation in<br>Mizoram | Technology<br>Innovation Hub<br>(TIH) IIT Bhilai | 36,86,000/-       | 19/12/2023 | 18/12/2025 | 2 Years |

### ***Department of Computer Science and Engineering***

| Sl. No. | Name of<br>Principal<br>Investigator | Title of Project | Sponsored By | Amount<br>Sanctioned<br>(Rs) | Date of |     | Duration |
|---------|--------------------------------------|------------------|--------------|------------------------------|---------|-----|----------|
|         |                                      |                  |              |                              | Start   | End |          |

|   |   |   |  |             |            |            |         |
|---|---|---|--|-------------|------------|------------|---------|
| 1 | Dr. Lalhruaizela & Dr. Sandeep Kumar Dash | A platform For Cost-Efficient Public Health Service Delivery in Mizoram | Technology Innovation Hub (TIH) IIT Bhilai | 37,00,000/- | 19/12/2023 | 19/12/2025 | 2 Years |
| 2 | Dr. Lalhruaizela & Dr. Sandeep Kumar Dash | Economic Optimization Platform for Public Transport System of Mizoram   | Technology Innovation Hub (TIH) IIT Bhilai | 32,50,000/- | 14/11/2023 | 14/11/2025 | 2 Years |

### ***Department of Mechanical Engineering***

| Sl. No. | Name of Principal Investigator | Title of Project   | Sponsored By                           | Amount Sanctioned (Rs) | Date of   |           | Duration |
|---------|--------------------------------|--|--|------------------------|-----------|-----------|----------|
|         |                                |  |  |                        | Start     | End       |          |
| 1       | Dr. H. Lalhmingsanga           | Gasification of Agro residue and municipal solid waste for decentralized power generation  | DIA-COE                                | 77,04,000/-            | July 2023 | July 2026 | 3 Years  |
| 2       | Dr. Bidesh Roy                 | Numerical Investigation of Fluid flow austing Performance of Scramjet Combustor with Cavity Flame Holder using Novel Twin Strut System | SERB                                   | 6,60,000/-             | Feb 2024  | Feb 2026  | 3 Years  |
| 3       | Dr. Saurav Suman               | Design and development of an ROV to perform  | IIT Guwahati Technology Innovation and | 36,00,000/-            | Oct 2022  | Oct 2025  | 3 Years  |

|  |  |                                |                                   |  |  |  |  |
|--|--|--------------------------------|-----------------------------------|--|--|--|--|
|  |  | underwater welding and repairs | Development Foundation, DST (GOI) |  |  |  |  |
|--|--|--------------------------------|-----------------------------------|--|--|--|--|

| <b><i>Department of Civil Engineering</i></b> |  |   |  |                        |          |          |          |
|---|--|---|--|------------------------|----------|----------|----------|
| Sl. No.                                       | Name of Principal Investigator                 | Title of Project  | Sponsored By                               | Amount Sanctioned (Rs) | Date of  |          | Duration |
|   |  |   |  |                        | Start    | End      | Years    |
| 1   | Dr. Ricky Lalthazuala & Dr. Sanasam Vipej Devi | A Fintech Application for Cost Benefit Portfolio Suggestion Regarding Locally Available Aggregate by Quality Assessment and Modified Concrete Made of Recycled Waste and Bamboo as Partial Replacements Versus Traditional Concrete | Technology Innovation Hub (TIH) IIT Bhilai | 44,00,000/-            | Jan 2024 | Jan 2026 | 2 Years  |

| <b><i>Department of Basic Science &amp; Humanities and Social Sciences</i></b> |                                |   |              |                        |            |            |          |
|--|--------------------------------|---|--------------|------------------------|------------|------------|----------|
| Sl. No.  | Name of Principal Investigator | Title of Project  | Sponsored By | Amount Sanctioned (Rs) | Date of    |            | Duration |
|  |                                |   |              |                        | Start      | End        | Years    |
| 1  | Prof. Ajmal Koya Pulikkal      | Efficient Synthesis of Organic Compounds: Effects of Self-Assembled Systems of Cationic Conventional and Gemini Surfactants | SERB         | 23,56,000/-            | 09/02/2023 | 08/02/2026 | 3 Years  |

**11.3 Chapters Contributed in Edited Books (International)**

| <b><i>Department of Electrical Engineering</i></b> |  |  |             |            |             |                  |  |
|--|--|--|-------------|------------|-------------|------------------|--|
| <b>Name of Faculty</b>                             | <b>Title of Chapter</b>  | <b>Name of Book</b>  | <b>Vol.</b> | <b>No.</b> | <b>Year</b> | <b>Page Nos.</b> | <b>ISBN / DOI</b>  |
| Dr. Suman Majumder                                 | Impact of EVs and its business case studies for the automobile market  | Electric Vehicle Propulsion Drives and Charging Systems  |             |            | 2024        | 336              | 9781003481065<br><a href="https://doi.org/10.1201/9781003481065">https://doi.org/10.1201/9781003481065</a> |
| Dr. Pabitra Kumar Biswas                           | Bidirectional Operation of Electric Vehicle Charger incorporating Grids and Home Energy Storage: V2G/G2V/V2H/V2X for Sustainable Development | Renewable Energy for Plug-In Electric Vehicles: Challenges, Approaches, and Solutions for Grid Integration, Elsevier |             |            |             |                  | In Press   |
|  | Design and analysis of bidirectional charging stations for sustainability roadmap for smart electric vehicles                                | Smart Electric and Hybrid Vehicles: Advancements in Materials, Design, Technology, and Modeling, WILEY               |             |            |             |                  | Accepted   |

| <b><i>Department of Electronics and Communication Engineering</i></b> |   |  |             |            |             |                  |                   |
|---|---|--|-------------|------------|-------------|------------------|-------------------|
| <b>Name of Faculty</b>  | <b>Title of Chapter</b>   | <b>Name of Book</b>  | <b>Vol.</b> | <b>No.</b> | <b>Year</b> | <b>Page Nos.</b> | <b>ISBN / DOI</b> |
| Dr. Rudra Sankar Dhar   | Comparison of Snapback Phenomenon and Physics in Bottom and Top Body Contact NMOS | Microelectronics, Circuits and Systems, Book "Lecture Notes in Electrical Engineering" | 976         |            | June 2023   | 25-33            | 978-981-99-0412-9 |

|                   |   |   |      |  |                |         |                   |
|-------------------|---|---|------|--|----------------|---------|-------------------|
|                   | An Analysis of Random Non-Deterministic Signals Using Recursive Methods and Stochastic Control      | Advances in Data Science and Computing Technologies, Book "Lecture Notes in Electrical Engineering"                             | 1056 |  | September 2023 | 737-748 | 978-981-99-3656-4 |
|                   | A study on the detection and different methods of classification of Arrhythmia utilizing ECG signal | Advances in 8th Microelectronics, Electromagnetics and Telecommunications, 2023, Book "Lecture Notes in Electrical Engineering" |      |  | Jan 2024       |         |                   |
| Dr. Pragati Singh | Comparison of Snapback Phenomenon and Physics in Bottom and Top Body Contact NMOS                   | Microelectronics, Circuits and Systems, Book "Lecture Notes in Electrical Engineering"  | 976  |  | June 2023      | 25-33   | 978-981-99-0412-9 |

| <b><i>Department of Civil Engineering</i></b> |                              |  |             |            |             |                  |   |
|---|------------------------------|--|-------------|------------|-------------|------------------|---|
| <b>Name of Faculty</b>                        | <b>Title of Chapter</b>      | <b>Name of Book</b>                              | <b>Vol.</b> | <b>No.</b> | <b>Year</b> | <b>Page Nos.</b> | <b>ISBN / DOI</b>   |
| Dr. Naseeba Parveen                           | Fundamentals of Microbiology | Advances in Solid and Hazardous Waste Management | -           | -          | 2024        | 153-180          | <a href="https://doi.org/10.1007/978-3-031-49144-3_10">https://doi.org/10.1007/978-3-031-49144-3_10</a> |

## 11.4 Publication in International Journals

| <b>Department of Electrical Engineering</b> |  |  |             |            |             |                  |   |
|---|--|--|-------------|------------|-------------|------------------|---|
| <b>Name of Faculty</b>                      | <b>Title of the Paper</b>  | <b>Journal</b>   | <b>Vol.</b> | <b>No.</b> | <b>Year</b> | <b>Page Nos.</b> | <b>ISSN / DOI</b>   |
| Prof. Saibal Chatterjee                     | Exploration of Electrochemical and Thermal Attributes to Evaluate the Performance of Novel Natural Esters  | IEEE Transactions on Dielectrics and Electrical Insulation | 31          | 1          | 2024        | 322-329          | 10.1109/TDEI.2023.3325418   |
| Pabitra Kumar Biswas                        | Bi-LSTM Predictive Control-based Efficient Energy Management System for a Fuel Cell Hybrid Electric Vehicle  | Sustainable Energy, Grids and Networks                     | 38          |            | March 2024  |                  | 10.1016/j.segan.2024.101348   |
|   | Comparative Analysis of Single Coil and Double Coil Active Magnetic Bearings for High Speed Application  | Electrical Engineering                                     | 106         |            | Jan 2024    | 1191-1202        | <a href="https://doi.org/10.1007/s00202-023-02213-7">https://doi.org/10.1007/s00202-023-02213-7</a>     |
|   | GAO Optimized Sliding Mode based Reconfigurable Step size Pb &O MPPT Controller with Grid Integrated EV Charging Station                                       | IEEE Access  | 12          |            | Dec 2023    | 10608 - 10620    | 10.1109/ACCESS.2023.3344275   |
|   | Efficient Energy Management Strategy for Fuel Cell Hybrid Electric Vehicles Using Classifier Fusion Technique  | IEEE Access  | 11          |            | Sept 2023   | 97135 - 97146    | 10.1109/ACCESS.2023.3312618   |
|   | Modern DC-DC Power Converter Topologies and Hybrid Control Strategies for Maximum Power Output in Sustainable Nanogrids and Picogrids – A Comprehensive Survey | Technologies   | 11          | 4          | Aug 2023    |                  | <a href="https://doi.org/10.3390/technologies11040102">https://doi.org/10.3390/technologies11040102</a> |

| <b><i>Department of Electronics and Communication Engineering</i></b> |   |  |             |               |             |                  |                   |
|---|---|--|-------------|---------------|-------------|------------------|-------------------|
| <b>Name of Faculty</b>  | <b>Title of the Paper</b>   | <b>Journal</b>                                     | <b>Vol.</b> | <b>No.</b>    | <b>Year</b> | <b>Page Nos.</b> | <b>ISSN / DOI</b> |
| Dr. Rudra Sankar Dhar   | Development and Analysis of a Three-Fin Trigate Q-FinFET for a 3 nm Technology Node with a Strained-Silicon Channel System        | Nanomaterials                                      | 13          | 10            | June 2023   | 1662-1-19        | 2079-4991         |
|   | Development and Analysis of Graphene-Sheet-Based GaAs Schottky Solar Cell for Enriched Efficiency                                 | Micromachines                                      | 14          | 06            | June 2023   | 1226-1-14        | 2072-666X         |
|   | Exploration of effects of gate underlap in HOI FinFETs at 10 nm gate length   | Physica Scripta, IOP                               | 98          | 06            | June 2023   | 074003           | 0031-8949         |
|   | Terahertz Radiation from High Electron Mobility Avalanche Transit Time Sources Prospective for Biomedical Spectroscopy            | Photonics  | 10          | 07            | June 2023   | 800-1-24         | 2304-6732         |
|   | Evolution of Type-II Hetero-Strain Cylindrical-Gate-All-Around Nanowire FET for Exploration and Analysis of Enriched Performances | Nature Scientific Reports, Nature Publishing Group | 13          | 11<br>41<br>5 | July 2023   | 1-13             | 2045-2322         |

|  |   |  |    |    |                |           |           |
|--|---|--|----|----|----------------|-----------|-----------|
|  | Artificial Neural Network-based Modelling of Pacemaker and its Pace Tracking using Discrete Wavelet Transform-based Finite Dimension Repetitive Controller          | Transactions of the Institute of Measurement and Control                     |    |    | September 2023 | 1-8       | 0142-3312 |
|  | Performance evaluation of split high-K material based stacked hetero-dielectrics tunnel FET   | Physica Scripta Journal, IOP   | 98 |    | November 2023  | 124002    | 0031-8949 |
|  | The Optimization and Analysis of a Triple-Fin Heterostructure-on-Insulator Fin Field-Effect Transistor with a Stacked High-k Configuration and 10 nm Channel Length | Nanomaterials  | 13 |    | December 2023  | 3008-1-19 | 2079-4991 |
|  | Exploration and analysis of n-FinFET implementing stacked high-K at 08 nm gate length   | Sadhana Journal, Springer  | 49 | 11 | December 2023  | 1-5       | 0256-2499 |
|  | Corrosion Prediction of Mg Implant using Multiscale Modelling based on Machine Learning Algorithms  | International Journal for Multiscale Computational Engineering               | 22 | 04 | January 2024   | 125-141   | 1940-4352 |
|  | A Novel Approach to Data Clustering based on Self-Adaptive Bacteria Foraging Optimization   | International Journal of Advanced Computer Science and Applications (IJACSA) | 15 | 01 | January 2024   |           | 2156-5570 |

|  |  |   |         |       |               |             |   |
|--|--|---|---------|-------|---------------|-------------|---|
|  | Advances in controller design of pacemakers for pacing control: A comprehensive review   | Elsevier  | 57      |       | January 2024  | 100930      | 1367-5788   |
|  | CNT based enhanced GaAs/InAs Multiple quantum well solar cell  | Journal of Computational Electronics  |         |       | February 2024 |             | 1572-8137   |
|  | Design and Exploration by Quantum Chemical Analysis of Photosensitizers having [D- $\pi$ - $\pi$ -A] and [D-D-triad-A] type molecular structure model for DSSC | ACS Omega, American Chemical Society  | 9       |       | February 2024 | 11471-11477 | 2470-1343   |
|  | Exploration of Underlap Induced High-K Spacer with Gate Stack on Strain Channel Cylindrical Nanowire FET for Enriched Performance                              | Nature Scientific Reports, Nature Publishing Group  | 14      | 29 02 | February 2024 | 1-19        | 2045-2322   |
|  | Evolution and Performance Analysis of Quantum Well FinFET for 3 nm Technology Node with Type-II Strained Tri-Layered Hetero-Channel System                     | Physica Scripta Journal, IOP  | 99      |       | March 2024    | 045932      | 0031-8949   |
|  | Dr. Chaitali Koley   | Bandwidth Enhancement of a V-Band Klystron with Stagger-Tuned Multiple Radial Re-Entrant Cavities | Sensors | 23    | -             | Aug 2023    | 1-12<br><a href="https://doi.org/10.3390/s23177471">https://doi.org/10.3390/s23177471</a> |

|                      |   |   |         |                |               |           |   |
|----------------------|---|---|---------|----------------|---------------|-----------|---|
|                      | Active Metasurface Based Wideband Polarization Converter with a Switchable Notch  | Transactions on Electromagnetic Compatibility           | 65      | -              |               | 1081-1089 | 10.1109/TEM.C.2023.3288068  |
| Dr. K. Vanlalawmpuia | Analysis of Negative Differential Resistance and RF/Analog performance on Drain Engineered Negative Capacitance Dual Stacked-Source Tunnel FET                                  | IEEE Transactions on Electron Devices                   | 70      | 3              | March 2023    | 1417-1424 | 10.1109/TED.2023.3237507  |
|                      | Comparative Analysis of Ferroelectric Quad-FinFET with and without Si3N4 Spacer on Analog/RF, Linearity Performance and Digital Inverter Application with Temperature Variation | Ferroelectrics  | 613     |                | July 2023     | 64-78     | 10.1080/00150193.2023.2215523   |
|                      | Engineering negative differential resistance in negative capacitance Quad-FinFET  | Materials Science and Engineering: B                    | 297     | 11<br>67<br>25 | November 2023 |           | <a href="https://doi.org/10.1016/j.mse.2023.116725">https://doi.org/10.1016/j.mse.2023.116725</a>     |
|                      | Performance assessment of dielectrically modulated negative capacitance germanium source vertical tunnel FET biosensor for detection of breast cancer cell lines                | International Journal of Electronics and Communications | 17<br>1 | 1549<br>02     | December 2023 |           | <a href="https://doi.org/10.1016/j.iejue.2023.154902">https://doi.org/10.1016/j.iejue.2023.154902</a> |

|                       |   |   |     |                |            |             |   |
|-----------------------|---|---|-----|----------------|------------|-------------|---|
|                       | Insights into the impact of random dopant fluctuation on ferroelectric germanium source vertical TFET                               | Materials Science and Engineering: B                          | 299 | 11<br>69<br>94 | March 2024 |             | <a href="https://doi.org/10.1016/j.mse.2023.116994">https://doi.org/10.1016/j.mse.2023.116994</a>   |
| Dr. Anumoy Ghosh      | Metaheuristic optimization techniques used in controlling of an active magnetic bearing system for high-speed machining application | IEEE Access   | 11  |                | 2023       | 12100-12118 | <a href="https://doi.org/10.1109/ACCESS.2023.3241854">10.1109/ACCESS.2023.3241854</a>   |
|                       | Triple band single layer microwave absorber based on closed loop resonator structures with high stability under oblique incidence   | AEU - International Journal of Electronics and Communications | 164 |                | 2023       | 154629      | <a href="https://doi.org/10.1016/j.aeue.2023.154629">https://doi.org/10.1016/j.aeue.2023.154629</a>   |
|                       | Frequency switchable global RFID tag antenna with metal compatibility for worldwide vehicle transportation                          | Sensors   | 23  | 8              | 2023       | 3854        | <a href="https://doi.org/10.3390/s23083854">https://doi.org/10.3390/s23083854</a>   |
| Dr. Sushanta Bordoloi | Renewable energy integration with electric vehicle technology: A review of the existing smart charging approaches,                  | Renewable and Sustainable Energy Reviews                      | 183 |                | 2023       | 113518      | <a href="https://www.sciencedirect.com/science/article/pii/S1364032123003751">https://www.sciencedirect.com/science/article/pii/S1364032123003751</a> |

| <b><i>Department of Computer Science and Engineering</i></b> |  |  |             |            |             |                  |   |
|--|--|--|-------------|------------|-------------|------------------|---|
| <b>Name of Faculty</b>                                       | <b>Title of the Paper</b>  | <b>Journal</b>   | <b>Vol.</b> | <b>No.</b> | <b>Year</b> | <b>Page Nos.</b> | <b>ISSN / DOI</b>   |
| Dr. Vaibhav Malviya  | Socialistic 3D tracking of humans from a mobile robot for a 'human following robot' behaviour                              | Robotica   | 41          | 5          | 2023        | 1407-1435        | 0263-5747 / <a href="https://doi.org/10.1017/S0263574722001795">https://doi.org/10.1017/S0263574722001795</a>             |
|  | Navigation with a Cooperative Social Robot for a Group of Visitors using Face Detection and a 'Stop and Wait' Scheme       | Journal of Scientific & Industrial Research                                  | 82          |            | 2023        | 1009-1021        | 0022-4456 / <a href="https://doi.org/10.56042/jsir.v82i10.3571">https://doi.org/10.56042/jsir.v82i10.3571</a>             |
| Dr. Ashish Singh Patel                                       | Ontology-based detection and identification of complex event of illegal parking using SPARQL and description logic queries | Chaos, Solitons & Fractals   | 174         |            | 2023        | 113774           | 0960-0779 / <a href="https://doi.org/10.1016/j.chaos.2023.113774">https://doi.org/10.1016/j.chaos.2023.113774</a>         |
| Dr. Sandeep Kumar Dash                                       | Plant Disease Identification Based on Multimodal Learning  | International Journal of Intelligent Systems and Applications in Engineering | 12          | 15s        | 2024        | 634-643          | <a href="https://ijisae.org/index.php/IJISAE/article/view/4815">https://ijisae.org/index.php/IJISAE/article/view/4815</a> |
| Dr. Ranjita Das  | Topic-guided abstractive multimodal summarization with multimodal output   | Neural Computing and Application   |             |            | 2023        | 1-16             | <a href="https://doi.org/10.1007/s00521-023-08821-5">https://doi.org/10.1007/s00521-023-08821-5</a>                       |

|   |  |    |   |      |      |   |
|---|--|----|---|------|------|---|
| SCT: Summary Caption Technique for Retrieving Relevant Images in Alignment with Multimodal Abstractive Summary. | ACM Transactions on Asian and Low-Resource Language Information Processing | 23 | 3 | 2024 | 1-22 | <a href="https://doi.org/10.145/3645029">https://doi.org/10.145/3645029</a> |
|---|--|----|---|------|------|---|

| <b>Department of Mechanical Engineering</b> |   |   |                 |             |                  |   |
|---|---|---|-----------------|-------------|------------------|---|
| <b>Name of Faculty</b>                      | <b>Title of the Paper</b>   | <b>Journal</b>                              | <b>Vol. No.</b> | <b>Year</b> | <b>Page Nos.</b> | <b>ISSN/doi</b>   |
| Dr. Bachu Deb                               | Investigation of osmosonication Pretreated Chili ( <i>Capsicum frutescens</i> L.) drying in solar-assisted fluidized bed dryer utilizing dehumidified Air | Journal of Food Process Engineering         | 46              | 2023        | 1-13             | <a href="https://doi.org/10.1111/jfpe.14351">https://doi.org/10.1111/jfpe.14351</a>                         |
| Dr. Bachu Deb & Dr. Bidesh Roy              | Experimental Investigation of Solidity and Blade Profile effects on H-Darrieus wind rotor: Performance and Self-Starting Analysis                         | Journal of Renewable and Sustainable Energy | 15              | 2023        | 1-12             | <a href="https://doi.org/10.1063/5.0159494">https://doi.org/10.1063/5.0159494</a>                           |
|   | Experimental study on Influence of Aspect ratio and Auxiliary blade profile on the performance of H-type Darrieus wind rotor                              | Arabian Journal for Science and Engineering | 48              | 2023        | 1-17             | <a href="https://doi.org/10.1007/s13369-023-08049-4">https://doi.org/10.1007/s13369-023-08049-4</a>         |
|   | A Numerical and Experimental Study on the Performance of a Conventional H-Darrieus  | Ocean Engineering                           | 280             | 2023        | 114697           | <a href="https://doi.org/10.1016/j.oceaneng.2023.114697">https://doi.org/10.1016/j.oceaneng.2023.114697</a> |

|                  |   |  |     |      |               |   |
|------------------|---|--|-----|------|---------------|---|
|                  | wind rotor with Auxiliary Blades  |  |     |      |               |   |
| Dr. Bidesh Roy   | Performance, emission, combustion, exergy, exergoeconomic and sustainability analyses of EGR incorporated CI engine fuelled with areca nut husk nano-additive dosed plastic oil-water-diesel emulsion blend | Thermal Science and Engineering Progress | 47  | 2024 | 102317        | <a href="https://doi.org/10.1016/j.tsep.2023.102317">https://doi.org/10.1016/j.tsep.2023.102317</a>         |
| Dr. Sukanta Roy  | Towards Sustainable Power Generation: Recent Advancements in Floating Photovoltaic Technologies   | Renewable and Sustainable Energy Reviews | 194 | 2024 | 114322 (1-14) | <a href="https://doi.org/10.1016/j.rser.2024.114322">https://doi.org/10.1016/j.rser.2024.114322</a>         |
|                  | Design study on the parameters influencing the performance of floating solar PV   | Renewable Energy                         | 223 | 2024 | 120064 (1-11) | <a href="https://doi.org/10.1016/j.renene.2024.120064">https://doi.org/10.1016/j.renene.2024.120064</a>     |
|                  | Numerical Analysis of H-Darrieus Vertical Axis Wind Turbines with Varying Aspect Ratios for Exhaust Energy Extractions.   | Energy                                   | 277 | 2024 | 127739 (1-20) | <a href="https://doi.org/10.1016/j.energy.2023.127739">https://doi.org/10.1016/j.energy.2023.127739</a>     |
| Dr. Vijay Mandal | Fabrication of ex-situ TiN reinforced IN718 composites using laser powder bed fusion (L-PBF): Experimental characterization and high-   | Ceramics International                   | 49  | 2023 | 14408-14425   | <a href="https://doi.org/10.1016/j.ceramint.2023.01.030">https://doi.org/10.1016/j.ceramint.2023.01.030</a> |

|  |                                |  |  |  |  |  |
|--|--------------------------------|--|--|--|--|--|
|  | fidelity numerical simulations |  |  |  |  |  |
|--|--------------------------------|--|--|--|--|--|

| <b><i>Department of Civil Engineering</i></b> |   |   |             |                   |             |                  |   |
|---|---|---|-------------|-------------------|-------------|------------------|---|
| <b>Name of Faculty</b>                        | <b>Title of the Paper</b>   | <b>Journal</b>                              | <b>Vol.</b> | <b>No.</b>        | <b>Year</b> | <b>Page Nos.</b> | <b>ISSN / DOI</b>   |
| Dr. Bijayananda Mohanty                       | Cigarettes Butt Littering: The Story of the World's most Littered Item from the Perspective of Pollution, Remedial Actions, and Policy Measures | Journal of Hazardous Materials              | 453         | 5th July 2023     | 2023        | 1-17             | <a href="https://doi.org/10.1016/j.jhazmat.2023.131387">https://doi.org/10.1016/j.jhazmat.2023.131387</a>   |
|   | Understanding the Role of Ca <sup>2+</sup> , Na <sup>+</sup> on Swelling Behaviour of Natural Expansive Soils: A Field Application Perspective  | Environmental Earth Sciences                | 82          | 17                | 2023        | 1-15             | <a href="https://doi.org/10.1007/s12665-023-11087-8">https://doi.org/10.1007/s12665-023-11087-8</a>         |
|   | Evaluating the Potential of Biodegradation of Swine Manure through Rotary Drum Composting utilizing Different Bulking Agents                    | Bioresource Technology                      | 388         | November 2023     | 2023        | 1-10             | <a href="https://doi.org/10.1016/j.biortech.2023.129751">https://doi.org/10.1016/j.biortech.2023.129751</a> |
|   | Review on Different Shapes of Spurs and their Effects on Channel Morphology   | Water Practice & Technology                 | 19          | 1: 1 January 2024 | 2024        | 241-262          | <a href="https://doi.org/10.2166/wpt.2023.221">https://doi.org/10.2166/wpt.2023.221</a>                     |
|   | Engineered Biochar/Hydrochar  | Clean Technologies and Environmental Policy | 26          | 5                 | 2024        | 1-35             |   |

|                          |   |                                     |                           |   |      |        |   |
|--------------------------|---|-------------------------------------|---------------------------|---|------|--------|---|
|                          | derived from Organic Wastes for Energy, Environmental, and Agricultural Applications  |                                     |                           |   |      |        | <a href="https://doi.org/10.1007/s10098-024-02863-6">https://doi.org/10.1007/s10098-024-02863-6</a>               |
|                          | Influence of Binder Materials and Alkali Activator on the Strength and Durability Properties of Geopolymer Concrete: A Review | Materials Today: Proceedings        | In Press, Corrected Proof | <a href="https://doi.org/10.1016/j.matpr.2023.05.226">https://doi.org/10.1016/j.matpr.2023.05.226</a> |      |        |   |
|                          | Biohydrogen from Waste Feedstocks: An Energy Opportunity for Decarbonization in Developing Countries                          | Environmental Research              | 252                       | 1st July 2024 (Part 4)  | 2024 | 1-20   | <a href="https://doi.org/10.1016/j.envres.2024.119028">https://doi.org/10.1016/j.envres.2024.119028</a>           |
| Dr. Sanasam Vipej Devi   | Behaviour and design of high strength steel circular hollow section member under pure torsion                                 | Thin-Walled Structures              | 195                       | February 2024   | 2024 | 111387 | <a href="https://doi.org/10.1016/j.tws.2023.111387">https://doi.org/10.1016/j.tws.2023.111387</a>                 |
| Dr. Kumar Raja Vanapalli | Fly ash, GGBS, and silica fume based geopolymer concrete with recycled aggregates: Properties and environmental impacts       | Construction and Building Materials |                           |   | 2023 | 131168 | <a href="https://doi.org/10.1016/j.conbuildmat.2023.131168">https://doi.org/10.1016/j.conbuildmat.2023.131168</a> |
|                          | Influence of binder materials and alkali activator on the strength and durability properties of geopolymer concrete: A review | Material Today: Proc.               |                           |   | 2023 |        | <a href="https://doi.org/10.1016/j.matpr.2023.05.226">https://doi.org/10.1016/j.matpr.2023.05.226</a>             |

|  |  |                                  |     |  |      |         |   |
|--|--|----------------------------------|-----|--|------|---------|---|
|  | Charting success for the Plastics Treaty   | One Earth                        | 6   |  | 2023 | 575-581 | <a href="https://doi.org/10.1016/j.onear.2023.05.022">https://doi.org/10.1016/j.onear.2023.05.022</a>         |
|  | Cigarettes butt littering: The story of the world's most littered item from the perspective of pollution, remedial actions, and policy measures                                  | Journal of Hazardous Materials   | 453 |  | 2023 | 131387  | <a href="https://doi.org/10.1016/j.jhazmat.2023.131387">https://doi.org/10.1016/j.jhazmat.2023.131387</a>     |
|  | Life cycle assessment of fermentative production of lactic acid from bread waste based on process modelling using pinch technology   | Science of the Total Environment |     |  | 2023 | 167051  | <a href="https://doi.org/10.1016/j.scitotenv.2023.167051">https://doi.org/10.1016/j.scitotenv.2023.167051</a> |
|  | Durability assessment of fly ash, GGBS, and silica fume based geopolymers concrete with recycled aggregates against acid and sulfate attack                                      | Journal of Building Engineering  |     |  | 2023 | 108354  | <a href="https://doi.org/10.1016/j.jobe.2023.108354">https://doi.org/10.1016/j.jobe.2023.108354</a>           |
|  | Techno-economic viability of bio-based methyl ethyl ketone from sugarcane using integrated fermentative and chemo-catalytic approach: Process integration using pinch technology | Chemical Engineering Journal     |     |  | 2024 | 151297  | <a href="https://doi.org/10.1016/j.cej.2024.151297">https://doi.org/10.1016/j.cej.2024.151297</a>             |

|                |  |   |    |      |        |   |
|----------------|--|---|----|------|--------|---|
|                | Engineered biochar/hydrochar derived from organic wastes for energy, environmental, and agricultural applications      | Clean Technologies and Environmental Policy |    | 2024 |        | <a href="https://doi.org/10.1007/s10098-024-02863-6">https://doi.org/10.1007/s10098-024-02863-6</a>     |
|                | Biohydrogen from Waste Feedstocks: An Energy Opportunity for Decarbonization in Developing Countries                   | Environmental Research                      |    | 2024 | 119028 | <a href="https://doi.org/10.1016/j.envres.2024.119028">https://doi.org/10.1016/j.envres.2024.119028</a> |
| Dr. Amit Yadav | Chloride diffusion behaviour and structural performance of basalt fiber-reinforced concrete beam in marine environment | Structures, Elsevier                        | 61 | 2024 | 106094 | <a href="https://doi.org/10.1016/j.istruc.2024.106094">https://doi.org/10.1016/j.istruc.2024.106094</a> |

## 11.5 Seminars / Conferences organized

| <b><i>Department of Electronics and Communication Engineering</i></b> |                                |  |  |              |             |            |                 |
|---|--------------------------------|--|--|--------------|-------------|------------|-----------------|
| <b>Name of Faculty</b>  | <b>Role</b>                    | <b>Name of Seminar / Conference</b>  | <b>Sponsored by/ Support received from</b> | <b>Venue</b> | <b>From</b> | <b>To</b>  | <b>Duration</b> |
| Dr. Sushanta Bordoloi and Dr. Chaitali Koley                          | Organizing Chair cum Secretary | 8th International Conference on Internet of Things and Connected Technologies (ICIoTCT-2023) | IAASSE                                     | NIT Mizoram  | 13.10.2023  | 14.10.2023 | 2 days          |

| <b><i>Department of Computer Science and Engineering</i></b> |                 |                                     |  |                    |             |            |                 |
|--|-----------------|-------------------------------------|--|--------------------|-------------|------------|-----------------|
| <b>Name of Faculty</b>                                       | <b>Role</b>     | <b>Name of Seminar / Conference</b> | <b>Sponsored by/ Support received from</b> | <b>Venue</b>       | <b>From</b> | <b>To</b>  | <b>Duration</b> |
| Dr. Sandeep Kumar Dash                                       | Program Chair   | ICDEC 2023                          | COMSYS Educational Trust, NIT Mizoram      | Mizoram University | 15/12/2023  | 16/12/2023 | 2 days          |
| Dr. Lalhruaizela   | Publicity Chair | ICDEC 2023                          | COMSYS Educational Trust, NIT Mizoram      | Mizoram University | 15/12/2023  | 16/12/2023 | 2 days          |
| Dr. Lenin Laitonjam  | Web Chair       | ICDEC 2023                          | COMSYS Educational Trust, NIT Mizoram      | Mizoram University | 15/12/2023  | 16/12/2023 | 2 days          |

| <b><i>Department of Civil Engineering</i></b> |             |   |  |                          |             |            |                 |
|---|-------------|---|--|--------------------------|-------------|------------|-----------------|
| <b>Name of Faculty</b>                        | <b>Role</b> | <b>Name of Seminar / Conference</b>   | <b>Sponsored by/ Support received from</b> | <b>Venue</b>             | <b>From</b> | <b>To</b>  | <b>Duration</b> |
| Dr. Amit Yadav                                | Coordinator | Technical Seminar on Bitumen and Road Construction for Civil Engineering Students | Indian Oil Corporation Ltd.                | Dept. of CE, NIT Mizoram | 25/01/2024  | 25/01/2024 | 01 Day          |

## 11.6 Publication in National/International Conference

| <b><i>Department of Mechanical Engineering</i></b> |   |  |             |   |              |
|--|---|--|-------------|---|--------------|
| <b>Name of Faculty</b>                             | <b>Title of Paper</b>   | <b>Conference</b>  | <b>Year</b> | <b>Proceedings/ publication</b>   | <b>Place</b> |
| Dr. Sukanta Roy                                    | Floating Solar PV Study on the Effect of Water Velocity and Temperature | International Conference on Green Energy, Computing and Sustainable Technology (GECOST), January 17-19, 2024   | 2024        | IEEE Xplore.<br>doi:10.1109/GECOST60902.2024.10475107   | Malaysia     |
| Dr. Vijay Mandal                                   | Insights into the secondary laser processing of LPBF IN718 alloys       | European Society for Precision Engineering and Nanotechnology, Conference Proceedings - 23rd International Conference and Exhibition, EUSPEN 2023, Denmark | 2023        | <a href="https://www.euspen.eu/knowledge-base/ICE23216.pdf">https://www.euspen.eu/knowledge-base/ICE23216.pdf</a> | Denmark      |

|                  |  |   |      |   |       |
|------------------|--|---|------|---|-------|
| Dr. Saurav Suman | AI and Robotics: Humanity's New Frontier                                 | 8th International Conference on Internet of Things and Connected Technologies (ICIoTCT 2023)                        | 2023 | Artificial Intelligence in Internet of Things (IoT): Key Digital Trends   | India |
|                  | Multi-textured cutting tools to enhance the machinability of Inconel-718 | International Conference on Futuristic Advancements in Materials, Manufacturing and Thermal Sciences (ICFAMMT 2024) | 2024 | Advances in Manufacturing Engineering: Select Proceedings of ICFAMMT 2024 | India |

| <b><i>Department of Basic Science &amp; Humanities and Social Sciences</i></b> |   |                        |                 |             |                  |                 |
|--|---|------------------------|-----------------|-------------|------------------|-----------------|
| <b>Name of Faculty</b>   | <b>Title of the Paper</b>   | <b>Journal</b>         | <b>Vol. No.</b> | <b>Year</b> | <b>Page Nos.</b> | <b>ISSN/doi</b> |
| Prof. Alok Shukla  | Synthesis and characterization of lead free multidoped ferroelectric material: $(\text{Bi}_{0.85}\text{Nd}_{0.15})(\text{Fe}_{0.5}\text{Ti}_{0.5})\text{O}_3$ | Ferroelectrics         | 616             | 2023        | 171-186          | ISSN 1563-5112  |
|  | Studies on structural, dielectric and ferroelectric features of lanthanum modified complex Bismuth Nickel Titanate ceramic                                    | Ferroelectrics         | 617             | 2023        | 1-10             | ISSN 1563-5112  |
|  | Structural, Electrical and Magnetic Characteristics of Eco-friendly Dy Modified $\text{BiFeO}_3$ Ceramics   | Ferroelectrics         | 617             | 2023        | 25-42            | ISSN 1563-5112  |
|  | Nd substitution response on structural, dielectric, and electrical features of bismuth iron titanate  | Ceramics International | 50              | 2024        | 1643-1654        | ISSN 0272-8842  |

|                              |  |   |     |      |               |                                   |
|------------------------------|--|---|-----|------|---------------|-----------------------------------|
| Prof. Ajmal<br>Koya Pulikkal | Comprehensive investigation of Areca catechu tree peduncle biofiber reinforced biocomposites: influence of fiber loading and surface modification                        | Biomass Conversion and Biorefinery          | xx  | 2023 | xxx-xxxx      | 10.1007/s13399-023-04182-0        |
|                              | Conductometric, tensiometric and spectroscopic studies on the interaction of congo red with dodecyltrimethylammonium bromide: Effects of electrolyte and non-electrolyte | Journal of Molecular Liquids                | 390 | 2023 | 123094-123103 | 10.1016/j.molliq.2023.123094      |
|                              | Effect of Quaternary Ammonium Gemini Surfactant Solution on the Rate Constant of the Ninhydrin-Lysine Reaction   | Industrial & Engineering Chemistry Research | 62  | 2023 | 15897-15906   | 10.1021/acs.iecr.3c02499          |
|                              | Exploring the interactions of anionic dye tartrazine with cationic surfactants in aqueous solution: Insights into micellization and interfacial properties               | Inorganic Chemistry Communications          | 159 | 2024 | 111740-111751 | 10.1016/j.inoche.2023.111740      |
|                              | Biocompatible polymeric nanoparticles as carriers for critical anticancer phytochemicals   | European Polymer Journal                    | 202 | 2024 | 112637-112650 | 10.1016/j.eurpolymj.2023.112637   |
|                              | Mercerized Cymbopogon nardus shoot fiber as reinforcing filler   | Materials Chemistry and Physics             | 313 | 2024 | 128739-128749 | 10.1016/j.matchemphys.2023.128739 |

|  |  |   |     |      |               |                               |
|--|--|---|-----|------|---------------|-------------------------------|
|  | Molecular interactions of cationic/anionic surfactants in presence of anionic antibiotic drug cloxacillin sodium at different temperatures: Micellization and thermodynamics studies | Journal of Molecular Liquids                    | 395 | 2024 | 123807-123817 | 10.1016/j.molliq.2023.123807  |
|  | Propane-1,3-bis (hexadecyldimethylammonium bromide)-bentonite-based novel hybrid material for the elimination of textile dyes  | Journal of Molecular Liquids                    | 395 | 2024 | 123890-123902 | 10.1016/j.molliq.2023.123890  |
|  | Nano emulsions stabilized by natural emulsifiers: A comprehensive review on feasibility, stability and bio-applicability   | Journal of Drug Delivery Science and Technology | 92  | 2024 | 105303-105319 | 10.1016/j.jddst.2023.105303   |
|  | Impacts of pyridinium gemini surfactants on corrosion inhibition of carbon steel   | Surfaces and Interfaces                         | 45  | 2024 | 103796-103807 | 10.1016/j.surfin.2023.103796  |
|  | Effects of seasonal variation on water quality of Kadalundi river, India: Evaluation of water quality indices, physicochemical and biological parameters                             | International Journal of River Basin Management | xx  | 2024 | xxx-xxxx      | 10.1080/15715124.2024.2326124 |

|   |   |   |        |      |           |           |
|---|---|---|--------|------|-----------|-----------|
| Prof.<br>Konthoujam<br>Gyanendra<br>Singh | A Study on the Growth and Determinants of Agricultural Production in Mizoram  | RGSA - Revista de Gestão Social e Ambiental               | 17 (9) | 2023 | 1-9       | 1981-982X |
|   | Informing ecosystem values of Loktak Lake in Manipur, India: an application of discrete choice experiments                                    | Marine and Freshwater Research                            | 74 (8) | 2023 | 697 – 711 | 1323-1650 |
|   | Economic valuation of wetland products and services: A case study of Sone Beel, India   | Indian Journal of Natural Products and Resources          | 15(1 ) | 2024 | 156-177   | 0976-0504 |
| Dr. Vinay Singh                           | Optimality conditions in multiobjective programming models with semi-infinite constraints using generalized $(h,\varphi)$ -G-type I functions | Results in Control and Optimization                       | 14     | 2024 | 100395    | 2666-7207 |
|   | Optimality conditions for $(h, \varphi)$ -subdifferentiable multiobjective programming problems with G-type I functions.                      | Statistics, Optimization and Information Computing (SOIC) |        | 2024 |           | 2310-5070 |
|   | A Dual Hesitant Fuzzy Set Theoretic Approach in Fuzzy Reliability Analysis of a Fuzzy System  | Information Sciences Letters (ISL)                        | 13(2 ) | 2024 |           | 2090-956X |
|   | Optimality conditions and duality for mathematical programming with equilibrium constraints including multiple interval-valued                | Japan Journal of Industrial and Applied Mathematics       | 41     | 2024 | 1105-1136 | 09167005, |

|                       |   |   |                    |      |           |   |
|-----------------------|---|---|--------------------|------|-----------|---|
|                       | objective functions on Hadamard manifolds   |   |                    |      |           |   |
|                       | Temporally dependent solute transport in one-dimensional porous medium: Analytical and fuzzy form solutions | Mathematics in Science, Engineering, and Aerospace (MESA) | 14 (3)             | 2023 | 711-719   | 2041-3165   |
| Dr. Nikhil Srivastava | A high order accurate numerical method for time-fractional reaction-subdiffusion equation of variable order | Chinese Journal of Physics                                | 85                 | 2023 | 431-444   | 10.1016/j.cjph.2023.07.002  |
| Dr. Shuchi            | Book review: Dwarka Bharti, A Rebellious Cobbler  | Contemporary Voice of Dalit                               | Vol. 15, Issue 1   | 2023 | 1-3       | <a href="https://doi.org/10.1177/2455328X231198743">https://doi.org/10.1177/2455328X231198743</a>   |
|                       | Book review: Manglu Charan Biswal, The Starved  | Contemporary Voice of Dalit                               | Volume 15, Issue 2 | 2023 | 1-3       | <a href="https://doi.org/10.1177/2455328X231205401">https://doi.org/10.1177/2455328X231205401</a>   |
|                       | Women Towards Modernization in Baby's Night of Happiness  | Boletin de Literatura Oral                                | Vol. 10            | 2023 | 1600-1605 | <a href="https://www.boletindeliteraturaoral.com/index.php/blo/article/view/368">https://www.boletindeliteraturaoral.com/index.php/blo/article/view/368</a> |
|                       | Book review: Yogesh Maitreya, Water in a Broken Pot: A Memoir   | Contemporary Voice of Dalit                               | Vol. 16, Issue 1   | 2023 | 1-3       | <a href="https://doi.org/10.1177/2455328X231186472">https://doi.org/10.1177/2455328X231186472</a>   |
|                       | Consent and Appropriation of Women  | Onomazein   | Vol. 63            | 2024 | 178-195   | <a href="http://www.onomazein.com/index.php/onom/article/view/582">http://www.onomazein.com/index.php/onom/article/view/582</a>                             |

## 11.7 Workshops / STTP / FDP organized

| <b><i>Department of Electrical Engineering</i></b> |             |  |   |              |             |            |                 |
|--|-------------|--|---|--------------|-------------|------------|-----------------|
| <b>Name of Faculty</b>                             | <b>Role</b> | <b>Title of FDP / STTP / Workshop</b>  | <b>Sponsored by / Support Received from</b> | <b>Venue</b> | <b>From</b> | <b>To</b>  | <b>Duration</b> |
| Dr. Pabitra Kumar Biswas                           | Convener    | Application of Modern Power and Control Technology in Electrical Engineering                                   |   | NIT Mizoram  | 21-08-2023  | 25-08-2023 | 5 days          |
|  | Coordinator | Advanced Current-fed Power Conversion Technologies for Residential Nanogrid and Transportation Electrification | GIAN  | NIT Mizoram  | 13-11-2023  | 17-11-2023 | 5 days          |
|  | Coordinator | Application of Modern Power and Control Technology in Electrical Engineering                                   | Workshop                                    | NIT Mizoram  | 21-08-2023  | 25-08-2023 | 5 days          |
| Dr. Suman Majumder                                 | Coordinator | Advanced in Power Electronics Converter for Electric Vehicles  | Short Term Course                           | NIT Mizoram  | 05-02-2024  | 09-02-2024 | 5 days          |
| Dr. Ramesh Kumar                                   | Convener    | Jal Shakti Abhiyan: Catch the Rain 2023  | Workshop                                    | NIT Mizoram  | 08-11-2023  | 08-11-2023 | 1 day           |

| <b><i>Department of Electronics and Communication Engineering</i></b> |             |                                       |   |              |             |            |                 |
|---|-------------|---------------------------------------|---|--------------|-------------|------------|-----------------|
| <b>Name of Faculty</b>  | <b>Role</b> | <b>Title of FDP / STTP / Workshop</b> | <b>Sponsored by / Support Received from</b> | <b>Venue</b> | <b>From</b> | <b>To</b>  | <b>Duration</b> |
| Dr. Chaitali Koley  | Coordinator | Sensors for Healthcare Applications   | SERB sponsored KARYASHALA                   | NIT Mizoram  | 12/02/2024  | 18/02/2024 | 7 days          |

| <b><i>Department of Computer Science and Engineering</i></b> |             |   |   |              |             |            |                 |
|--|-------------|---|---|--------------|-------------|------------|-----------------|
| <b>Name of Faculty</b>                                       | <b>Role</b> | <b>Title of FDP / STTP / Workshop</b>   | <b>Sponsored by / Support Received from</b> | <b>Venue</b> | <b>From</b> | <b>To</b>  | <b>Duration</b> |
| Dr. Vaibhav Malviya  | Coordinator | STTP [Robot Motion Planning (RMP 2024)]   | NIT Mizoram                                 | NIT Mizoram  | 25/3/2024   | 30/5/2024  | 1 Week          |
| Dr. Lalhrauizela   | Convenor    | National Workshop On Next Generation (5G/6G) Communication Networks: Overview, Technology, Applications And Recent Trends (NWNGCN-2023) | NIT Mizoram                                 | NIT Mizoram  | 9/10/2023   | 13/10/2023 | 1 Week          |
| Dr. Ashish Singh Patel                                       | Coordinator | International Workshop on   | NIT Mizoram                                 | NIT Mizoram  | 16/10/2023  | 20/10/2023 | 1 week          |
| Dr. Sandeep Kumar Dash                                       | Coordinator |   |   |              |             |            |                 |

|  |  |                             |  |  |  |  |  |
|--|--|-----------------------------|--|--|--|--|--|
|  |  | Computer Simulation Methods |  |  |  |  |  |
|--|--|-----------------------------|--|--|--|--|--|

| <b>Department of Mechanical Engineering</b>          |             |   |  |              |             |           |                 |
|--|-------------|---|--|--------------|-------------|-----------|-----------------|
| <b>Name of Faculty</b>                               | <b>Role</b> | <b>Title of FDP/STTP/Workshop</b>   | <b>Sponsored by/ Support Received from</b> | <b>Venue</b> | <b>From</b> | <b>To</b> | <b>Duration</b> |
| Dr. Bachu Deb & Dr. Bidesh Roy                       | Coordinator | Multiple Attribution Decision-making using Analytic Hierarchy Process   | Institute fund                             | NIT Mizoram  | 26/2/2024   | 1/3/2024  | One week        |
| Dr. Vijay Mandal & Dr. Sukanta Roy                   | Coordinator | 5 Days online international workshop on "3D Printing & Additive Manufacturing Insights  | Institute fund                             | NIT Mizoram  | 12/3/2024   | 16/3/2024 | 5 Days          |
| Dr. Saurav Suman, Dr. Vijay Mandal & Dr. Sukanta Roy | Coordinator | 5-Days Workshop on IPR Awareness and Skill Development with Reference to Patent and Start Up' shall be organized at NIT Mizoram, in collaboration with MISTIC (PIC), in hybrid mode | -  | NIT Mizoram  | 16/3/2024   | 20/3/2024 | 5 Days          |

| <b><i>Department of Civil Engineering</i></b> |             |  |  |              |             |            |                 |
|---|-------------|--|--|--------------|-------------|------------|-----------------|
| <b>Name of Faculty</b>                        | <b>Role</b> | <b>Title of FDP / STTP/ Workshop</b>                                       | <b>Sponsored by/ Support Received from</b> | <b>Venue</b> | <b>From</b> | <b>To</b>  | <b>Duration</b> |
| Dr. Sanasam Vipej Devi                        | Convener    | Sustainable Smart City: Integrating Solutions For Hilly Terrain Challenges | NIT Mizoram and Aizawl Smart City Ltd.     | NIT Mizoram  | 29/01/2024  | 02/02/2024 | 5 Days          |
| Dr. Amit Yadav & Dr. Kumar Raja Vanapalli     | Coordinator | Sustainable Smart City: Integrating Solutions For Hilly Terrain Challenges | NIT Mizoram and Aizawl Smart City Ltd.     | NIT Mizoram  | 29/01/2024  | 02/02/2024 | 5 Days          |
| Dr. Ricky Lalthazuala                         | Convener    | Indo-German Workshop on "Advances in Modelling & Computing                 | NIT Mizoram                                | Hmuifang     | 23/02/2024  | 29/02/2024 | 5 days          |

| <b><i>Department of Basic Science &amp; Humanities and Social Sciences</i></b> |             |   |  |              |             |            |                 |
|--|-------------|---|--|--------------|-------------|------------|-----------------|
| <b>Name of Faculty</b>   | <b>Role</b> | <b>Title of FDP/STTP/ Workshop</b>            | <b>Sponsored by/ Support Received from</b> | <b>Venue</b> | <b>From</b> | <b>To</b>  | <b>Duration</b> |
| Prof. Alok Shukla  | Convener    | International Workshop on Computer Simulation | NIT Mizoram                                | NIT Mizoram  | 16/10/2023  | 20/10/2023 | 5 Days          |

|  |             |   |             |             |            |            |        |
|--|-------------|---|-------------|-------------|------------|------------|--------|
|  |             | Methods" (IWCSM-2023)   |             |             |            |            |        |
| Prof. Ajmal Koya Pulikkal & Dr. Shuchi | Convener    | Workshop on IPR Awareness and Skill Development with Reference to Patent and Start Up | MISTIC      | NIT Mizoram | 1/03/2024  | 20/03/2024 | 5 days |
| Prof. Ajmal Koya Pulikkal              | Coordinator | Indo-German Workshop on "Advances in Modelling & Computing"                           | NIT Mizoram | Hmuifang    | 26/02/2024 | 28/02/2024 | 3 Days |

## 11.8 Contribution as Book Chapter

| <b>Department of Mechanical Engineering</b> |   |   |  |
|---|---|---|--|
| <b>Name of Faculty</b>                      | <b>Title of Chapter</b>   | <b>Name of Book</b>   | <b>ISBN / DOI</b>  |
| Dr. Sukanta Roy                             | Computational Analysis of Darrieus Vertical Axis Wind Turbines for Exhaust Air Energy Extraction. Modeling, Simulation and Optimization | Book Series "Smart Innovation, Systems and Technologies," Springer Nature Singapore | ISBN: 978-981-99-6866-4  |
| Dr. Saurav Suman                            | Multi-textured cutting tools to enhance the machinability of Inconel- 718   | Book Title Advances in Manufacturing Engineering                                    | ISBN978-981-97-4323-0<br><a href="https://link.springer.com/book/9789819743230">https://link.springer.com/book/9789819743230</a> |
| Dr. Vijay Mandal                            | Excimer Laser Micromachining and Their Potential Applications   | In Laser Applications in Manufacturing, pp. 1-29. CRC Press.                        | ISBN 978-100-3279-50-1   |

## **11.9 Seminars / Conferences attended or participated**

| <b><i>Department of Electrical Engineering</i></b> |   |  |                     |             |           |                      |                                       |
|--|---|--|---------------------|-------------|-----------|----------------------|---------------------------------------|
| <b>Name of Faculty</b>                             | <b>Title of Paper presented</b>   | <b>Title of Seminar / Conference</b>   | <b>Organized by</b> | <b>From</b> | <b>To</b> | <b>Venue / Place</b> | <b>Details of Publication, if any</b> |
| Prof. Saibal Chatterjee                            | Insight the Effect of Standard and Non-Standard Lightning Impulse Voltage on Dry-type Nomex Insulation with Temperature Variation | 2023 IEEE 3rd Applied Signal Processing Conference, ASPCON 2023  | IEEE, NIT Silchar   | 2023        |           | NIT Silchar          | 10.1109/ASPC ON59071.2023 .10396630   |
|  | A Denoising Method of Partial Discharge Signals Employing Wavelet Kernel-Aided Deep Learning Framework                            | 2023 IEEE 3rd Applied Signal Processing Conference, ASPCON 2023  | IEEE, NIT Silchar   | 2023        |           | NIT Silchar          | 10.1109/ASPC ON59071.2023 .10396544   |
|  | Experimental Investigation on the Effects of Temperature on Nomex Insulation by Time Domain Spectroscopy                          | 2023 IEEE 3rd Applied Signal Processing Conference, ASPCON 2023  | IEEE, NIT Silchar   | 2023        |           | NIT Silchar          | 10.1109/ASPC ON59071.2023 .10396001   |
|  | Effects of Standard and Non-standard Lightning Impulse on Dry-type Nomex Insulation Samples                                       | 2023 IEEE 2nd International Conference on Industrial Electronics: Developments & Applications (ICIDEA) | IEEE                | 2023        |           |                      | 10.1109/ICIDE A59866.2023. 10295237   |

|                          |   |   |                   |                  |                  |                     |                                    |
|--------------------------|---|---|-------------------|------------------|------------------|---------------------|------------------------------------|
|                          | Electromagnetic and Thermal Modelling of a Dry-Type Transformer using FEMM and ANSYS Maxwell            | 2023 IEEE 2nd International Conference on Industrial Electronics: Developments & Applications (ICIDEA)      | IEEE, NIT Manipur | 2023             |                  |                     | 10.1109/ICDC ECE53908.2022.9793078 |
| Dr. Pabitra Kumar Biswas | Introduction to New Hybrid Approach in Sustainable PV MPPT Architecture                                 | 2023 IEEE 20th India Council International Conference (INDICON)   | IEEE              | 14 December 2023 | 17 December 2023 | Hyderabad, India    | 10.1109/INDICON59947.2023.10440825 |
|                          | Comparative Performance Analysis of Energy Management Techniques for Fuel Cell Hybrid Electric Vehicles | 1st International Conference on Intelligent Computation and Analytics on Sustainable Energy and Environment |                   | 21 Sept. 2023    | 23 Sept. 2023    | Malda, WB, India    |                                    |
|                          | State Space Formation and Fuzzy Logic Control Based Performance Analysis of DC Motor Drives             | IEEE Conference on Circuit, Power and Intelligent Systems, 2023 (CCPIS 2023) (ICICCSP-2022)                 | IEEE              | 1 Sept. 2023     | 3 Sept. 2023     | Bhubaneswar, Odisha | 10.1109/CCPI S59145.2023.10291947  |

|  |  |  |      |               |               |                             |                                  |
|--|--|--|------|---------------|---------------|-----------------------------|----------------------------------|
|  | Single-phase standalone Inverter using closed-loop PI control for Electromagnetic suspension | International Conference on Inventive Computation Technologies (ICICT) | IEEE | 26 April 2023 | 28 April 2023 | Tribhuvan University, Nepal | 10.1109/ICICT57646.2023.10134168 |
|--|--|--|------|---------------|---------------|-----------------------------|----------------------------------|

| <b><i>Department of Electronics and Communication Engineering</i></b> |  |  |                     |             |            |                         |                                       |
|---|--|--|---------------------|-------------|------------|-------------------------|---------------------------------------|
| <b>Name of Faculty</b>  | <b>Title of Paper presented</b>  | <b>Title of Seminar / Conference</b>   | <b>Organized by</b> | <b>From</b> | <b>To</b>  | <b>Venue / Place</b>    | <b>Details of Publication, if any</b> |
| Dr. Rudra Sankar Dhar   | Development of Rectangular Nanosheet GAA-FET with Underlap                                 | IEEE International Conference on Nanoelectronics-2023                                | IEEE                | 27/04/2023  | 28/04/2023 | Kottayam, Kerala, India | Proc.IEEE                             |
|   | Performance Analysis of Strain channel High-K Gate Stack Gate Underlap Cylindrical GAA FET | IEEE International Conference on Circuits, Power, and Intelligent Systems CCPIS-2023 | IEEE                | 1/09/2023   | 03/09/2023 | Bhubaneswar, India      | Proc. IEEE                            |
|   | Design and Simulation of High-K Gate Stack Gate Underlap Cylindrical GAA FET               | IEEE 3rd International Conference on Applied Electromagnetics, Signal                | IEEE                | 24/11/2023  | 25/11/2023 | Bhubaneswar             | Proc. IEEE                            |

|                    |   |  |        |            |            |             |           |
|--------------------|---|--|--------|------------|------------|-------------|-----------|
|                    |   | Processing & Communication AESPC-2023  |        |            |            |             |           |
|                    | Electrical Characteristic analysis of Gate Underlap Strain Channel Cylindrical GAA FET                                | IEEE 7th International Conference on Electronics, Materials Engineering & Nano-technology IEMENTech-2023 | IEEE   | 10/12/2023 | 20/12/2023 | Kolkata     | Proc. IEE |
| Dr. Chaitali Koley | Design of Compact Wideband Microstrip Patch Antenna for IoT Applications in WLAN, Wi-Max, C-Band”                     | 8th International Conference on Internet of Things and Connected Technologies (ICIoTCT)                  | IAASSE | 13/10/2023 | 14/10/2023 | NIT Mizoram |           |
|                    | Design of H-shaped slotted Microstrip Patch Antenna at 28 GHz for 5G Communication                                    |  |        |            |            |             |           |
|                    | Design, Simulation and Optimization of Extended Interaction Cavities for a C Band Multi-beam High-Efficiency Klystron |  |        |            |            |             |           |

|                       |   |   |        |            |            |   |   |
|-----------------------|---|---|--------|------------|------------|---|---|
|                       | Broadband Sub-50 GHz Microstrip Patch Antenna for 5G wireless Application                             | 8th International Conference on computers and devices for communication (CODEC 2023)    | IEEE   | 14/12/2023 | 16/12/2023 | Institute of Radio Physics and Electronics, India | - |
| Dr. Sushanta Bordoloi | Design and Analysis of Dual AlN/SiN passivation layer for mitigation of Self-Heating in HEMTs         | 8th International Conference on Internet of Things and Connected Technologies (ICIoTCT) | IAASSE | 13/10/2023 | 14/10/2023 | NIT Mizoram                                       |   |
|                       | Investigation of an Architecture for Convolutional Neural Network with Efficient Resource Utilization |   |        |            |            |   |   |

### ***Department of Computer Science and Engineering***

| Name of Faculty        | Title of Paper presented                                 | Title of Seminar / Conference | Organized by               | From            | To              | Venue / Place | Details of Publication, if any             |
|------------------------|--|-------------------------------|----------------------------|-----------------|-----------------|---------------|--|
| Dr. Ashish Singh Patel | Standardization Aspects of Caching and Coded Delivery in | COMSNETS 2024                 | IEEE Communication Society | January 3, 2024 | January 7, 2024 | Bengaluru     | doi: 10.1109/COMSNETS5935.1.2024.10427513. |

|  |  |  |  |                   |                   |                     |   |
|--|--|--|--|-------------------|-------------------|---------------------|---|
|  | MEC Integrated 5G System   |  |  |                   |                   |                     |   |
| Dr. Ashis Singh Patel                          | 3GPP-based Testbed for Edge Computing; Architecture, Implementation and Application Deployment | ANTS 2023  | MNIT Jaipur  | December 17, 2023 | December 20, 2023 | Jaipur              | doi:<br>10.1109/ANTS59832.2023.10468700.    |
| Dr. Lalhruaizela                               | Standardization Aspects of Caching and Coded Delivery in MEC Integrated 5G System              | COMSNETS 2024  | IEEE Communication Society   | January 3, 2024   | January 7, 2024   | Bengaluru           | doi:<br>10.1109/COMSNETS5935.2024.10427513. |
| Dr. Lenin Laitonjam and Dr. Sandeep Kumar Dash | Findings of the wmt 2023 shared task on low-resource indic language translation                | WMT 23: Shared Task: Low-Resource Indic Language Translation | Association for Computational Linguistics                          | December 6, 2023  | December 7, 2023  | Singapore (Online)  |   |
| Dr. Ranjita Das                                | Abstractive Text Summarization Using Multimodal Information                                    | 10th International Conference on Soft Computing & Machine    | India International Congress on Computational Intelligence (IICCI) | November 25, 2023 | November 26, 2023 | Mexico City, Mexico |   |

|   |   | Intelligence (ISCMI)  |              |            |            |                  |                                |
|---|---|---|--------------|------------|------------|------------------|--------------------------------|
| <b><i>Department of Civil Engineering</i></b> |   |   |              |            |            |                  |                                |
| Name of Faculty                               | Title of Paper presented  | Title of Seminar / Conference   | Organized by | From       | To         | Venue / Place    | Details of Publication, if any |
| Dr. Sanasam Vipej Devi                        | Effect of cross-section geometry on torsional behaviour of stainless steel polygonal hollow tubes   | 2nd International Conference on Civil, Structural and Environmental Engineering                           | GMCSE E      | 19.10.2023 | 21.10.2023 | Barcelona, Spain | -                              |
| Kumar Raja Vanapalli                          | A Comparative Analysis of Environmental and Economic Factors in Biochar and Single-Use Plastic-Biochar Composite Production via Pilot-Scale Pyrolysis Plant | International Conference on New Frontiers in Chemical, Energy and Environmental Engineering (INCEEE-2023) | NIT Warangal | 24.11.2023 | 25.11.2023 | NIT Warangal     | -                              |
| Dr. Ricky Lalthazuala                         | Effect of concrete-filled steel tube bracing for retrofitting reinforced concrete building resting on hill slope  | The 12th International Symposium on Steel Structures  | ISSS-2023    | 08/11/23   | 11/11/23   | Jeju, Korea      | -                              |

|  |  |  |           |          |          |             |   |
|--|--|--|-----------|----------|----------|-------------|---|
|  | Effect of concrete-filled steel tube columns on the structural performances of building on hill slopes | The 12th International Symposium on Steel Structures | ISSS-2023 | 08/11/23 | 11/11/23 | Jeju, Korea | - |
|  | Effect of stiffeners on shear capacity of hybrid stainless steel plate girders                         | The 12th International Symposium on Steel Structures | ISSS-2023 | 08/11/23 | 11/11/23 | Jeju, Korea | - |

### 11.10 Workshops / STTP / FDP attended or participated: NIL

### 11.11 Consultancy Projects:

| Sl. No. | Name of the Faculty                             | Name of the work and the year   | Agency   | Consultancy amount |
|---------|---|---|--|--------------------|
| 1       | Dr. Bijayananda Mohanty                         | Determination of K-value of the Extended Apron of Lengpui Airport by conducting Plate Load Test at Two Different Locations (2024) | Public Works Department (PWD), National Highway Division – I, Govt. of Mizoram | 2,30,100           |
| 2       | Dr. Bijayananda Mohanty & Dr. Ricky Lalthazuala | Vetting Detailed Drawings and Specification of Retailing Wall at Army Area at Thuampai (Aizawl) (2023)                            | The Garrison Engineer Silchar, Military Engineer Services                      | 4,13,000           |
| 3       | Dr. Ricky Lalthazuala                           | Structural assessment and design of pedestrian bridge at Zodin  | Aizawl Municipal Corporation   | 2,36,000           |
|         |   | Structural assessment and design of pedestrian bridge at Bazar Bungkawn   | Aizawl Municipal Corporation   | 2,36,000           |
|         |   | Design of retaining wall of sinking portion at km 94.900 of NH-6 in Kolasib   | NHIDCL   | 2,95,000           |

|   |  |  |             |          |
|---|--|--|-------------|----------|
|   |  | Proof Checking - Construction of composite superstructure bridge across River Langkaih in Mizoram Structures | Mizoram PWD | 2,36,000 |
|   |  | Design of T-Beam Bridge at Bulung River  | Mizoram PWD | 6,42,000 |
|   |  | Design of Superstructure Bridge across River Chhimluangte, Kolasib District                                  | Mizoram PWD | 5,13,000 |
| 4 | Dr. Ricky Lalthazuala & Dr. Sanasam Vipej Devi | Vetting of DPR for Improvement and Upgradation of Daido to Vangkawt Road                                     | Mizoram PWD | 3,07,000 |

### 11.12 Any other achievements of the Department:

| Sl. No. | Name of Faculty                          | Achievement   |
|---------|--|---|
| 1       | Dr. Rudra Sankar Dhar                    | Expert Committee Member of Nanotechnology in Agriculture of National Agricultural Science Fund (NASF) under ICAR  |
| 2       | Dr. Chaitali Koley                       | Fellow IETE (THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS),   |
|         |  | Expert member of Technical Evaluation Committee (ETEC) for 6G Proposals   |
| 3       | Dr. Sushanta Bordoloi                    | Elected as Senior Member, IEEE  |
| 4       | Dr. Sushanta Bordoloi & Dr. Saurav Suman | Deputed to represent NIT Mizoram at the "IIC Regional Meet 2023" scheduled to be held at 'The Assam Royal Global University, Guwahati,' Assam on 09.01.2024 organized by the Ministry of Education's Innovation Cell and AICTE. |
| 5       | Dr. Sandeep Kumar Dash                   | Delivered an online talk on "Image Caption Generation: An Application of AI" at Sharad Institute of Technology College of Engineering, Ichalkaranji, Kolhapur, Maharashtra  |
| 6       | Dr. Lalhruaizela                         | Patent granted titled "A Multi-Source Transport Control Protocol System for Distributed Content Delivery (German Patent, No. 202024100059)"   |

|    |                      |  |
|----|----------------------|--|
| 7  | Dr. Sukanta Roy      | <p><b>Invited Lectures:</b></p> <p><i>Guest of Honour and Keynote Lecture</i> on "Sustainable Energy through Floating Solar PV and Key Challenges" at International Conference on "Trends in Material Science and Manufacturing Engineering (ICTMSME 2024)," Organized by Innovative Scientific Research Association, April 06-07, 2024, India.</p> <p><i>Chief Guest and Keynote Lecture</i> on "Recent Advances in Small-scale Wind Turbines" at International Conference on "Advances in Mechanical Engineering -2023 (ICAME 2023)," Organized by Department of Mechanical Engineering, G H Raisoni College of Engineering, Nagpur, December 22-23, 2023, India.</p> <p><i>Invited Lecture</i> on "Basics and Application of Wind Energy Focusing on Small-scale Wind Turbines" at Online Faculty Development Program on "Recent Research Trends In Smart Technology," Organized by Amity School of Engineering &amp; Technology and Amity University, Kolkata, July 31 - August 04, 2023, India.</p> <p><i>Invited Lecture</i> on "Recent Advances in Small Scale Wind Turbine" at One Week Short Term Training Program on "Sustainable Energy Technology for Hydrogen, Solar, Wind, and Biomass Energy," organized by GH Raisoni College of Engineering, Nagpur, July 04-08, 2023, India.</p> <p><i>Invited Lecture</i> on "Wind Energy Sustainability," organized by Curtin University Dubai, April 17, 2023, Dubai.</p> |
| 8  | Dr. H. Lalhmingsanga | <p><b>Invited lectures</b></p> <p>"Waste to energy conversion technologies" at One week National workshop on Importance of Disaster Risk Reduction and Resilience organized by Civil Engineering Dept., Mizoram University, April 10-14, 2023, India.</p>  |
| 9  | Dr. Saurav Suman     | <p>represented NIT Mizoram and participate in the " Industry-Academia Conclave 2023" scheduled during 23.11.2023-25.11.2023 at NIT Jamshedpur.</p> <p>deputed to participate in the 'Government Development Schemes Expo - 2024' and concurrent event 'Organic Agricultural &amp; Dairying Industry Expo -2024' to be organised during 7th - 9th February 2024 at Delhi Haat, Janakpuri, New Delhi</p>   |
| 10 | Dr. Vijay Mandal     | <p><b>Poster presentation:</b></p>   |

|    |                           |  |
|----|---------------------------|--|
|    |                           | <p>Poster presentation on "Evaluating the Effect of Optimized Scan Speed on Microstructural and Mechanical Properties of Laser Processed Stellite 6/TiC MMCs" at EUROMAT2023 from 03 - 07 September 2023 Frankfurt am Main (Germany) GERMANY, EUROPE, Poster no. Poster No: C01-1881.</p> <p><b>Invited Lectures:</b></p> <p>Keynote speaker on "Numerical and Experimental Study on Laser Powder Bed Fusion (L-PBF) Additive Manufacturing Process" at One Week Hybrid Faculty Development Program on "Unlocking Innovation: Exploring Research, Innovation and Patents" conducted by SVERI's College of Engineering, Pandharpur from 17th to 22nd July 2023.</p> |
| 11 | Prof. Alok Shukla         | <p><i>Invited Talk: · "Synthesis, Characterization and Applications of Multiferroics"</i><br/> <i>International Conference on Recent Advances in Mathematical, Physical and Chemical Sciences (ICRAMPC-2024), Mizoram University, Aizawl, Feb. 21-23, 2024.</i></p>  |
| 12 | Prof. Ajmal Koya Pulikkal | <p><i>Invited Talk: · "Impacts of pyridinium gemini surfactants on corrosion inhibition of carbon steel"</i><br/> <i>International Conference on Recent Advances in Mathematical, Physical and Chemical Sciences (ICRAMPC-2024), Mizoram University, Aizawl, Feb. 21-23, 2024.</i><br/>         Best Teacher Award -2023 (BS&amp;HSS Stream)</p>   |
| 13 | Dr. Shuchi                | Expert talk on 'Non-verbal communication' at a workshop on Aspects of Effective Communication at Govt. Johnson Degree College, Aizawl Mizoram (April, 2023)  |

राष्ट्रीय प्रौद्योगिकी संस्थान मिज़ोरम

**NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM**

(An Institution of National Importance under Ministry of Education, Govt. of India)



**ANNUAL AUDITED ACCOUNTS  
FOR THE YEAR  
2023 - 2024**

वर्ष 2023 – 2024 के लिए  
खातों का वार्षिक लेखा परीक्षित विवरण

चल्त्लांग, आइज़ोल, मिज़ोरम / CHALTLANG, AIZAWL, MIZORAM – 796012

Tele Fax: 0389-2391236/ 0389-2391774/ 0389-2391699

Website: [www.nitmz.ac.in](http://www.nitmz.ac.in) Email: [registraroffice@nitmz.ac.in](mailto:registraroffice@nitmz.ac.in)

प्रधान महालखाकार का  
कायालय,  
आइजोल, मिजोरम - 796001



OFFICE OF THE PRINCIPAL  
ACCOUNTANT GENERAL,  
AIZAWL, MIZORAM - 796001

रा.प्रौ.सं. मिजोरम/NIT Mizoram  
Receipt No. 4064  
Date: 23/12/2024

No.PAG(MZ)/CAW/NIT/SAR/2023-24/

Date: 20.12.2024

To

The Director,  
National Institute of Technology,  
Mizoram,  
Chaltlang – 796012.

Subject: - *Separate Audit Report on the Accounts of National Institute of Technology, Mizoram for the year 2023-24.*

Sir,

With reference to your latter No. NIT-M/G-7-11/2023-24/2291 dated 11 November 2024 I am to forward herewith one copy of the Separate Audit Report on the Accounts of National Institute of Technology, Mizoram for the year 2023-24.

Kindly acknowledge receipt of the same.

Yours faithfully,

Deputy Accountant General (Audit)

Enclo: As stated above

*Acctant*  
23/12/2024

नया कैपिटल परिसर, खटला, आइजोल – 796 001 / New Capital Complex, Khatla,  
Aizawl – 796 001

**SEPARATE AUDIT REPORT OF THE COMPTROLLER AND AUDITOR  
GENERAL OF INDIA ON THE ACCOUNTS OF NATIONAL INSTITUTE OF  
TECHNOLOGY, MIZORAM FOR THE YEAR ENDED 31 MARCH 2024**

1. We have audited the attached Balance Sheet of National Institute of Technology (NIT), Mizoram, Aizawl as of 31 March 2024, the Income and Expenditure Account and Receipt and Payment Account for the year ended on that date under Section 19 (2) of the Comptroller and Auditor General's (Duties, Powers and Conditions of Service) Act, 1971 read with Section 22 (2) of NIT Act, 2007. These financial statements are the responsibility of the Institute's Management. Our responsibility is to express an opinion on these financial statements based on our audit.
2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards, disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/CAG's Audit Reports separately.
3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.
4. Based on our audit, we report that:
  - i. We have obtained all the information and explanations, which to the best of our knowledge and beliefs were necessary for the purpose of our audit;
  - ii. The Balance Sheet, Income and Expenditure Account and Receipt and Payment Account dealt with by this report have been drawn up in the format prescribed by the Ministry of Education (erstwhile Ministry of Human Resource Development), Government of India;
  - iii. In our opinion, proper books of accounts and other relevant records have been maintained by the National Institute of Technology, Mizoram, Aizawl as required under the Rules in so far as it appears from our examination of such books.
  - iv. We further report that:

## A. BALANCE SHEET

### A.1 Sources of Funds

#### Designated/Earmarked/Endowment Fund (Schedule-2): NIL

As per the minutes of the 29<sup>th</sup> Meeting of the Board of Governors, NIT Mizoram held on 25/05/2022, the Board approved guidelines for operation and utilisation of four funds (created on 17/12/2019) of NIT Mizoram and distribution of the funds is as tabulated below.

| Sl. No | Source of Fund                           | Corpus Fund | Staff Development Fund | Equipment Replacement Fund | Maintenance Fund | Total |
|--------|--|-------------|------------------------|----------------------------|------------------|-------|
| 1      | Academic Income-Fee                      | 50%         | 10%                    | 30%                        | 10%              | 100%  |
| 2      | Other Misc. Income                       | 25%         | 25%                    | 30%                        | 20%              | 100%  |
| 3      | Interest earned from fees saving account | 50%         | 10%                    | 10%                        | 30%              | 100%  |
| 4      | Fixed Deposit at Vijaya Bank             | 25%         | 25%                    | 30%                        | 20%              | 100%  |

The above funds are to be set aside by the Institute from their internal revenue generation for specific purposes and be termed as Designated/Earmarked funds under Schedule-2 of the Annual Accounts.

However, during 2023-24, the Institute did not transfer the funds to Designated/Earmarked funds such as Staff Development Fund, Equipment Replacement Fund and Maintenance Fund as tabulated below:

(Amount in ₹)

| Sl. No | Source of fund   | Amount                   | Staff Development Fund | Equipment Replacement Fund | Maintenance Fund | Total       |
|--------|--|--------------------------|------------------------|----------------------------|------------------|-------------|
| 1      | Academic Income-Fee (Schedule-9)                       | 1,65,44,110              | 16,54,411 (10%)        | 49,63,233 (30%)            | 16,54,411 (10%)  | 82,72,055   |
| 2      | Other Misc Income (Schedule-13)                        | 12,78,646                | 3,19,661 (25%)         | 3,83,593 (30%)             | 2,55,729.20 20%  | 9,58,984.50 |
| 3      | Interest earned from fees saving account (Schedule-12) | 68,54,802                | 6,85,480 (10%)         | 6,85,480 (10%)             | 20,56,440 (30%)  | 34,27,401   |
| 4      | Fixed Deposit at Vijaya Bank                           | Withdrawn during 2022-23 |                        |                            |                  |             |
|        |  | Total                    | 26,59,552              | 60,32,306                  | 39,66,580.20     | 1,26,58,438 |

This resulted in overstatement of Corpus Fund by ₹ 1.27 crore and understatement Designated/Earmarked Fund(Schedule-2) (Staff Development Fund by ₹ 0.27 crore, Equipment Replacement Fund by ₹ 0.60 crore and Maintenance Fund by ₹ 0.40 crore) and understated of 'Deficit for the year' by ₹ 1.27 crore.

## **A.2 Sources of Funds**

### **Current Liabilities & Provision (Schedule-3)**

#### **6. Other Current Liabilities**

##### **(b) Receipts against sponsored projects: ₹ 168.05 lakh**

The above includes bank balance amount of ₹ 33.07 lakh of Research Project (RP) -23. However, it was noticed in the Cash Book of Research Project (RP) -23, after incurring expenditure of ₹ 0.89 lakh (4.03.24), ₹ 0.67 lakh (7.03.2024) and ₹ 0.33 lakh (26.03.2024), the bank balance shows an amount of ₹ 31.18 lakh.

This resulted in overstatement of Receipts against Sponsored Project (RP-23) by ₹ 1.89 lakh (₹ 33.07 lakh - ₹ 31.18 lakh) due to non-adjustment of expenditure incurred during the year as well as Cash and Bank Balances (Current Assets) by the same amount.

## **A.3 Application of Funds**

### **Fixed Assets (Schedule-4)**

#### **Capital Work in Progress: ₹ 167.45 crore**

An agreement was signed (May 2014) between National Institute of Technology (Owner), Mizoram and M/s IRCON International Limited (Project Management Agency), for execution of the work (Phase-I). The work was completed on March 2018 with a total expenditure of ₹ 167.45 crore.

Further, it was observed that out of the total expenditure of ₹ 167.45 crore on the project, there was an excess procurement of materials worth ₹ 1.70 crore meant for illumination of internal roads. As per joint site Inspection Report of NIT, Mizoram and M/s IRCON Intl. Ltd. (September 2020), excess materials worth ₹ 1.69 crore were in good condition and it was proposed that the material be utilised in the next phase of construction. The proposal was accepted by the Board of Governors of NIT (October 2022), Mizoram and the value of materials would be incorporated in the Revised Cost Estimates.

As the work was completed (March 2018), expenditure incurred relating to the work should have been capitalized and the value of excess materials should be booked as stock (Electrical Materials) under current assets. The Institute, however, accounted the total expenditure under Capital Work in Progress as of 31.03.2024.

This resulted in overstatement of Capital Work in Progress by ₹ 167.45 lakh and understatement of Fixed Assets (Building) by ₹ 145.87 crore (Net of depreciation and excess materials), Current Assets (Stock: Building Materials) by ₹ 1.69 crore (Net loss of inventory).

This also resulted in understatement of excess of Expenditure over Income by ₹ 19.90 crore (depreciation: ₹ 19.89 crore<sup>1</sup> plus loss of materials: ₹ 0.01 crore).

#### **A.4 Application of Funds**

##### **Fixed Assets**

###### **Tangible Assets (Institute) (Schedule 4): ₹ 3,027.73 lakh**

The Institute passed payment for purchase of UPS amounting to ₹ 58.78 lakh and accounted it under Fixed Assets as 'Laboratory Equipment' and as 'Electrical Equipment' respectively.

However, before making actual payment, the Institute cancelled the two purchase orders due to technical reasons/non-delivery of the Fixed Assets but did not cancel the payment vouchers and the items which were entered in the Fixed Assets Registers.

This resulted in overstatement of Fixed Assets by ₹ 58.54 lakh and depreciation by ₹ 0.24 lakh<sup>2</sup>, overstatement of Deficit for the year by ₹ 0.24 lakh and Expenses payable by ₹ 58.78 lakh. Besides, the amount was transferred from Reserve Bank of India Account to SBI Bank Account and was accounted as grants received during the year. The Capital/Corpus Fund is overstated by the grants amount being capitalized, i.e., ₹ 58.78 lakh and understatement of 'Unutilised Grant' by the same amount.

#### **A5. Application of Funds**

##### **Fixed Assets (Institute) (Schedule 4)**

###### **9. Scientific and Laboratory Equipment: ₹ 3,856.57 lakh**

The Institute purchased chemicals vide Voucher No. 1345 dt.07.03.2024 for an amount of ₹ 8.50 lakh and accounted it under 'Scientific and Laboratory Equipment' in the Fixed Assets. This should have been accounted in 'Laboratory Consumables (Expenses)' under Academic Expenses (Schedule 16) in the Income and Expenditure Account. Depreciation for the year amounting to ₹ 0.04 lakh was provided during the year.

This resulted in overstatement of Fixed Assets (Scientific and Laboratory Equipment) by ₹ 8.45 lakh (₹ 8.49 lakh less depreciation: ₹ 0.04 lakh), Depreciation by ₹ 0.04 lakh and understatement of 'Laboratory Consumables (Expenses)' by ₹ 8.49 lakh and 'Deficit for the year' by the same amount.

---

<sup>1</sup> Depreciation for six years from 2018-19 to 2023-24 for an amount of ₹ 165.76 crore (CWIP: 167.45 crore – Materials unutilized: ₹ 1.69 crore) at the rate of 2 per cent per annum.

<sup>2</sup> Depreciation was calculated for laboratory Equipment at 8 per cent for 24 days and for Electrical Equipment at 5 per cent for 24 days.

#### **A.6 Application of Funds**

##### **Fixed Assets (Institute) (Schedule 4)**

###### **12. Computers & Peripherals: ₹ 1,205.62 lakh**

The Institute purchased Computers and peripherals amounting to ₹ 2.69 crore which were accounted under Laboratory Equipment and Electrical Equipment:

Accounting of items of Computer and its peripherals (Fixed Assets) under Laboratory Equipment and Electrical Equipment resulted in understatement of Computer and its peripherals (Gross) by ₹ 2,69.27 lakh, overstatement of Laboratory Equipment (Gross) by ₹ 1,85.28 lakh and Electrical Equipment by ₹ 83.98 lakh which further led to under provision of depreciation by ₹ 1.63 lakh<sup>3</sup> and thereby understatement of ‘Deficit for the year’ by ₹ 1.63 lakh.

#### **A.7 Application of Funds**

##### **Loans, Advances and Deposits (Schedule-8)**

###### **6. Interest Accrued**

###### **(b) on Term Deposits: ₹ 147.81 lakh**

The above shows interest accrued on Term Deposits as on 31<sup>st</sup> March 2024. However, on scrutiny of statement of accounts of Term Deposits issued by State Bank of India, it was found that the total interest accrued on Term Deposits as on 31<sup>st</sup> March 2024 was ₹166.72 lakh

This resulted in understatement of interest accrued as on 31<sup>st</sup> March 2024 by ₹ 18.92 lakh and corpus/capital fund by the same amount.

#### **A.8 Fixed Assets (Schedule 4)**

##### **Tangible Assets (Institute)**

###### **7. Electrical Installation and Equipment (Net Block): ₹ 292.48 lakh**

###### **13. Furniture, Fixture & Fittings (Net Block): ₹ 514.78 lakh**

The above includes supply of electrical parts for repairs and maintenance charges of Buildings rented by the Institute amounting to ₹ 13.28 lakh (Net Block: ₹ 13.47 lakh - ₹ 0.19 lakh). This should have been accounted under ‘Maintenance of Electrical Installation’ of Repairs & Maintenance (Schedule 19) in the Income and Expenditure Account instead of Fixed Assets.

Accounting of items of ‘Repairs & Maintenance’ under the ‘Fixed Assets’ had resulted in overstatement of Fixed Assets by ₹ 13.28 lakh (Furniture & Fixtures: ₹ 9.84 lakh and Electrical Installation & Equipment: ₹ 3.44 lakh), Depreciation by ₹ 0.19 lakh and understatement of ‘Repairs & Maintenance’ and ‘Deficit for the year’ by ₹ 13.47 lakh each.

<sup>3</sup> ₹ 2,88,617.19 minus ₹ 1,25,076.47

## **B. INCOME AND EXPENDITURE ACCOUNT**

### **B.1 Income:**

#### **Interest Earned (Schedule-12)**

##### **Interest earned on Bank Savings/Deposits:**

###### **b) On Term Deposits Account with Scheduled Bank: ₹ 37.45 lakh**

The above depicts interest earned on Term Deposits of Rs. 37.45 lakh recognised during 2023-24 including interest earned on premature closure of Term Deposits which was adjusted during the year. However, on scrutiny of statement of accounts of Term Deposits issued by State Bank of India, it was found that the total interest accrued on Term Deposits including prematurely closed term deposits during 2023-24 was ₹ 39.47 lakh.

This resulted in understatement of income by ₹ 2.02 lakh and corresponding overstatement of 'Deficit for the year' by the same amount.

### **B.2 Income**

#### **Other Income (Schedule-13)**

##### **D. Others**

###### **6. Miscellaneous receipts (Sponsored Project Overhead & Others): ₹ 0.20 lakh**

As per Significant Accounting Policy-2: Revenue Recognition, 'Institute's Overhead income or institutional charges from sponsored projects are recognised on final settlement of funds or on receipt basis in case where Institute's share is not previously known'.

On scrutiny of records, it was observed that out of the total fund receipts of ₹ 62.79 lakh for three sponsored projects, ₹ 10.10 lakh was the institutional overhead charges under recurring heads meant for the host Institute which, however, was not recognised as revenue by the Institute.

This resulted in understatement of income by ₹ 10.10 lakh and overstatement of 'Deficit for the year' and Current Liabilities (receipts against sponsored projects) by the same amount.

### **B.3 Income**

#### **Other Income (Schedule 13): ₹ 12.79 lakh**

The Institute received an amount of ₹ 4.72 lakh (11.10.2023) and ₹ 2.95 lakh (07.10.2023) as Consultancy charges from Aizawl Municipal Corporation (AMC) and M/s National Highways & Infrastructure Development Corporation Ltd. (NHIDCL) respectively under 'Current liabilities: Fund for the Consultancy Service'. The consultancy charges received, inclusive of GST, was to be shared between the Principal Consultant and NIT Mizoram.

However, payment of ₹ 4.55 lakh to Dr. Ricky Lalthazuala was accounted under the head of Dr. Ricky Lalthazuala (Advance) instead of 'Consultancy Fund'. The amount of ₹ 1.95 lakh, being the Institute's share as well as GST component of ₹ 1.17 lakh were not transferred to their respective heads of accounts and retained in Consultancy Fund under Current Liability.

This resulted in overstatement of Advances to employees (for expenses) by ₹ 4.55 lakh, Consultancy Fund (Current Liabilities – Schedule-3) by ₹ 7.67 lakh and 'Deficit for the year by ₹ 1.95 lakh and understatement of 'Other Income' by ₹ 1.95 lakh and Statutory Liabilities (GST payable) by ₹ 1.17 lakh.

## **C. General**

### **C.1 Irregularity in the accounting treatment of RBI Account in Treasury Single Account (TSA) System.**

The Institute transferred grant money from the RBI Account to SBI Account for purchase Orders issued at the end of the month of the financial year in anticipation of expenditure and to avoid the lapse of grants in the RBI Account. This practice is irregular as it is against the instruction of the Ministry of Finance, Government of India and complicates the accounting process as it requires passing of payment vouchers without actually receiving the materials from the suppliers.

### **C.2 Bank Reconciliation Statement (BRS):**

I. Scrutiny of Bank Reconciliation Statement (BRS) of the General Savings account of the Institute for the month of March, 2024 revealed that the Institute issued a cheque on 11/08/2022 for ₹ 2.50 lakh for purchase of computer set which was not encashed till 31<sup>st</sup> March 2024. Besides, in the BRS, an amount of ₹ 3.50 lakh was received in the Cash Book from staff but not found in the Bank Statement for more than a year (369 – 554 days) and an amount of ₹ 2.27 lakh being credited in Bank Account but not found in Cash Book for more than a year (373 – 474 days).

Thus, Institute may take necessary action to reconcile the unreconciled amounts lying for a long time in the annual accounts.

II. Scrutiny of Bank Reconciliation Statement (BRS) of the Bank Account of the fees account of the Institute for the month of March, 2024 revealed that an unreconciled balance of ₹ 2.73 lakh was being carried forward from the previous year. The Institute may take necessary action to make adjustments against the unreconciled amount in the Annual accounts.

### C.3 Provision for retirement benefits

As per AS 15 and format of accounts of MoE, provision for retirement benefits is to be made on actuarial basis. The Institute has not made the provision on Retirement Benefits on actuarial basis in contravention of AS 15 as well as format of accounts of MoE. This would have a significant impact on the deficit for the year thereby impacting Capital / Corpus Fund and liabilities. The Institute neither showed the retirement benefits paid in the current year separately nor disclosed in Notes to Accounts that it was not making provisions towards retirement benefits.

### D. GRANTS

The Institute received grant of ₹ 47.25 crore and have an opening balance of ₹ 1.18 crore. Out of the total available Grants/Funds of ₹ 48.43 crore, the Institute utilised ₹ 34.97 crore (72.21 *per cent*) on Revenue Expenditure and ₹ 12.94 crore (26.72 *per cent*) on Capital Expenditure. The Institute refunded ₹ 0.01 crore (0.02 *per cent*) to the Ministry of Education, thereby leaving unspent grants of ₹ 0.51 crore (1.05 *per cent*) as of 31<sup>st</sup> March 2024.

- v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income and Expenditure Account, and Receipt & Payment Account dealt with by this report are in agreement with the books of accounts.
- vi. In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in *Annexure - I* to this Audit report give a true and fair view in conformity with accounting principles generally accepted in India.
  - (a) In so far as it relates to the Balance Sheet, of the state of affairs of the National Institute of Technology, Mizoram, Aizawl, as at 31 March 2024; and
  - (b) In so far as it relates to Income and Expenditure Account, of the Deficit for the year ended on that date.

For and on behalf of the  
Comptroller & Auditor General of India

Place: Aizawl

Date:



Principal Accountant General

## **Annexure**

### **Internal Audit and Internal Control System**

#### **1. Internal Audit**

The Institute has not established a separate internal audit wing during 2023-24. However, the Institute appointed (21/06/2024) M/s Jewel Fanai & Co, CA Firm for inspection and compilation of Annual Accounts for the year 2023-24.

#### **2. Internal Control System**

Scrutiny of records revealed the deficiencies in the internal control mechanism related to adjustment of Staff Advances as it was observed that the staff advances were not adjusted even beyond one year inspite of maintaining expenditure control register and advance register.

#### **3. Registers of Fixed Assets and Consumables/Stock:**

The Institute maintained register of fixed assets and stock and properly updated the entries of fixed assets/consumables procured during the year. However, during the year the Institute did not conduct the annual physical verification of fixed assets and stock.

#### **4. Regularity in payment of statutory dues:**

The Institute under interest remittable to Consolidated Fund of India accounted an amount of ₹ 28.73 lakh being interest earned on Government grants (including ₹ 26.85 lakh being of interest pertaining to the previous year). However, the Institute did not remit any amount to the Consolidated Fund of India during the year.



राष्ट्रीय प्रौद्योगिकी संस्थान मिज़ोरम

**NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM**

(An Institution of National Importance under Ministry of Education, Govt. of India)

चलत्लांग, आइज़ोल, मिज़ोरम / CHALTLANG, AIZAWL, MIZORAM – 796012

Phone: 0389 - 2391236 / 2391774 / 2391699 Email: [registraroffice@nitmz.ac.in](mailto:registraroffice@nitmz.ac.in) Website: [www.nitmz.ac.in](http://www.nitmz.ac.in)

# **ANNUAL ACCOUNTS**

**FINANCIAL YEAR**

**2023-24**

**National Institute of Technology, Aizawl, Mizoram**  
**Balance Sheet As At 31.03.2024**

(Amount in Rupees)

| SOURCES OF FUNDS                              | Schedule No. | Current Year             | Previous Year            |
|---|--------------|--------------------------|--------------------------|
| <b>CORPUS/CAPITAL FUND</b>                    | 1            | 2,35,68,20,460.03        | 2,27,38,29,511.61        |
| <b>DESIGNATED/EARMARKED/ENDOWMENT FUNDS</b>   | 2            | -                        | -                        |
| <b>CURRENT LIABILITIES &amp; PROVISIONS</b>   | 3            | 15,57,13,637.81          | 11,02,90,908.84          |
| <b>TOTAL</b>                                  |              | <b>2,51,25,34,097.84</b> | <b>2,38,41,20,420.45</b> |
| APPLICATION OF FUNDS                          | Schedule No. | Current Year             | Previous Year            |
| <b>FIXED ASSETS</b>                           | 4            |                          |                          |
| Tangible Assets(Institute)                    |              | 30,27,73,291.10          | 26,62,29,185.12          |
| Tangible Assets(Sponsored Project)            |              | 25,07,211.61             | 28,65,884.51             |
| Intangible Assets                             |              | 4,30,09,952.41           | 3,06,33,752.13           |
| Capital Works-in-Progress                     |              | 1,67,44,98,320.00        | 1,67,44,98,320.00        |
| <b>INVESTMENTS-EARMARKED/ENDOW/OTH. FUNDS</b> | 5            |                          |                          |
| Long Term                                     |              | -                        | -                        |
| Short Term                                    |              |                          |                          |
| <b>INVESTMENT - OTHERS</b>                    | 6            | -                        | -                        |
| <b>CURRENT ASSETS</b>                         | 7            | 45,27,27,057.57          | 38,30,52,203.45          |
| <b>LOANS, ADVANCES &amp; DEPOSITS</b>         | 8            | 3,70,18,265.15           | 2,68,41,075.25           |
| <b>TOTAL</b>                                  |              | <b>2,51,25,34,097.84</b> | <b>2,38,41,20,420.45</b> |

Place: Aizawl  
Date: 20.08.2024

  
Assistant Registrar  
सहायक कुलसचिव  
**Assistant Registrar**  
राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
National Institute of Technology Mizoram

  
Registrar in-charge  
कुलसचिव/Registrar  
रा. प्रौ. सं. मिजोरम  
NIT Mizoram

  
Director  
निदेशक/ Director  
रा. प्रौ. सं. मिजोरम  
NIT Mizoram

**National Institute of Technology, Aizawl, Mizoram**  
**Income And Expenditure Account For The Year Ending 31.03.2024**

(Amount in Rupees)

| <b>INCOME</b>  | <b>Schedule No.</b> | <b>Current Year</b>     | <b>Previous Year</b>   |
|--|---------------------|-------------------------|------------------------|
| Academic Receipts                                      | 9                   | 3,92,80,029.75          | 3,37,83,986.75         |
| Grants/Subsidies                                       | 10                  | 34,96,55,823.85         | 36,00,68,717.18        |
| Income from Investments                                | 11                  | -                       | -                      |
| Interest Earned  | 12                  | 1,12,03,848.08          | 99,98,969.83           |
| Other Income   | 13                  | 12,78,646.00            | 16,06,851.00           |
| Prior Period Income                                    | 14                  | 10,56,171.00            | 52,36,042.07           |
| <b>TOTAL (A)</b>                                       |                     | <b>40,24,74,518.68</b>  | <b>41,06,94,566.83</b> |
| <b>EXPENDITURE</b>                                     |                     |                         |                        |
| Staff Payments & Benefits                              | 15                  | 13,39,54,263.00         | 10,54,37,616.00        |
| Academic Expenses                                      | 16                  | 6,23,52,407.50          | 3,39,48,106.14         |
| Administrative and General Expenses                    | 17                  | 14,54,41,000.45         | 8,17,79,569.32         |
| Transportation Expenses                                | 18                  | 1,62,70,184.00          | 71,99,789.00           |
| Repairs & Maintenance                                  | 19                  | 75,46,180.00            | 53,04,049.00           |
| Finance Costs  | 20                  | -                       | -                      |
| Depreciation   | 4                   | 7,68,11,619.71          | 3,98,27,857.88         |
| Other Expenses   | 21                  | 5,44,016.83             | 2,94,82,009.89         |
| Prior Period Expenses                                  | 22                  | 25,14,679.85            | 4,16,602.96            |
| <b>TOTAL (B)</b>                                       |                     | <b>44,54,34,351.34</b>  | <b>30,33,95,600.19</b> |
| <b>Balance being excess of Income over Expenditure</b> |                     | <b>(4,29,59,832.66)</b> | <b>10,72,98,966.64</b> |
| <b>(A-B) Tranfer to Capital/Corpus Fund</b>            |                     |                         |                        |
| <b>Significant Accounting Policies</b>                 | 23                  |                         |                        |
| <b>Notes to Accounts</b>                               | 24                  |                         |                        |

Place: Aizawl  
Date: 20.08.2024

  
Assistant Registrar  
সহায়ক কুলসচিব  
Assistant Registrar  
রাষ্ট্রীয় প্রাদ্যোগিক সংস্থান মিজোরাম  
National Institute of Technology Mizoram

  
Registrar in-charge  
কুলসচিব/Registrar  
রা. প্রৌ. সং. মিজোরাম  
NIT Mizoram

  
Director  
বিদেশক/ Director  
রা. প্রৌ. সং. মিজোরাম  
NIT Mizoram

## SCHEDULE – 1 : CAPITAL / CORPUS FUND

(Amount in Rupees)

| <b>Particulars</b>  | <b>Current Year</b>      | <b>Previous Year</b>     |
|---|--------------------------|--------------------------|
| Balance at the Beginning of the year  | <b>2,27,38,29,511.61</b> | <b>2,04,06,90,701.97</b> |
| Add: Contribution towards Corpus/ Capital Fund  | -                        | -                        |
| Add: Grants from UGC, Government of India and State Government to the extent utilized for capital expenditure | 12,94,29,734.15          | 12,58,39,843.00          |
| Add: Adjustment/Transfer from Earmarked Funds   | -                        | -                        |
| Add: Assets purchased out of Earmarked Funds  | -                        | -                        |
| Add: Assets Purchased out of Sponsored Projects, where ownership vests in the institution                     | -                        | -                        |
| Add: Assets Donated/ Gifts Received   | -                        | -                        |
| Add: Other Additions  | -                        | -                        |
| Add: Excess of income over expenditure transferred from Income & expenditure A/c                              | -                        | -                        |
| Less: Unutilized grant of Prev Yr transferred to Current Liabilities  | 34,78,953.08             | -                        |
| <b>TOTAL</b>  | <b>2,39,97,80,292.68</b> | <b>2,16,65,30,544.97</b> |
| Surplus (Deficit) transferred from Income & Expenditure A/c   | (4,29,59,832.66)         | 10,72,98,966.64          |
| <b>Balance at the year end</b>  | <b>2,35,68,20,460.03</b> | <b>2,27,38,29,511.61</b> |

**Place: Aizawl**  
**Date: 20.08.2024**

  
**Assistant Registrar**  
 सहायक कुलसचिव  
**Assistant Registrar**  
 राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
 National Institute of Technology Mizoram

  
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 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

  
**Director**  
 निदेशक / Director  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram  
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## SCHEDULE 2 : DESIGNATED/EARMARKED/ENDOWMENT FUNDS

|  | Particulars   | FUND-WISE BREAK UP |                       | AMOUNT       |               |
|--|---|--------------------|-----------------------|--------------|---------------|
|  |   | Endowment Funds    | Other Earmarked Funds | Current Year | Previous Year |
| <b>A</b>   |   |                    |                       |              |               |
| a)   | Opening balance                                     |                    |                       | -            | -             |
| b)   | Additions during the year                           |                    |                       | -            | -             |
| c)   | Income from Investments made of the funds           |                    |                       | -            | -             |
| d)   | Accrued Interest on investments/ advances           |                    |                       | -            | -             |
| e)   | Interest on Savings Bank A/c                        |                    |                       | -            | -             |
| f)   | Other Additions                                     |                    |                       | -            | -             |
| <b>TOTAL(A)</b>  |   |                    |                       | -            | -             |
| <b>B</b>   |   |                    |                       |              |               |
|  | Utilization/Expenditure towards objectives of funds |                    |                       | -            | -             |
| ii)  | Capital Expenditure/Capital WIP                     |                    |                       | -            | -             |
| ii)  | Revenue Expenditure                                 |                    |                       | -            | -             |
| iii)   | Adjustment/Transfer to Corpus Funds                 |                    |                       | -            | -             |
| <b>TOTAL (B)</b>   |   |                    |                       | -            | -             |
| <b>Closing balance at the year end ( A - B )</b>   |   |                    |                       | -            | -             |
| <p>Represented by</p> <p>Cash and Bank Balances</p> <p>Investments</p> <p>Interest accrued but not due</p> <p><b>TOTAL</b></p> |   |                    |                       |              |               |
|  |   |                    |                       | -            | -             |
|  |   |                    |                       | -            | -             |
|  |   |                    |                       | -            | -             |
|  |   | -                  | -                     | -            | -             |

Place: Aizawl  
Date: 20.08.2024

  
**Assistant Registrar**  
 सहायक कुलसचिव  
**Assistant Registrar**  
 राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
 National Institute of Technology Mizoram

  
**Registrar-in-charge**  
 कुलसचिव/Registrar  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

  
**Director**  
 निदेशक / Director  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

### **SCHEDULE - 3: CURRENT LIABILITIES & PROVISIONS**

(Amount in Rupees)

| <b>A.</b>          | <b>Current Liabilities</b>                                   | <b>Current Year</b>    | <b>Previous Year</b>   |
|--------------------|--|------------------------|------------------------|
| 1                  | Deposits from Staff  | -                      | -                      |
| 2                  | Deposits from students                                       | -                      | -                      |
| 3                  | Sundry Creditors   |                        |                        |
| 3                  | (a) For Goods & Services                                     | 2,460.00               | -                      |
|                    | (b) Mess Advances  | 70,33,364.79           | 69,68,930.79           |
| 4                  | Deposit - Others (including EMD, Security Deposit)           | 34,12,721.00           | 49,78,227.00           |
| 5                  | Statutory Liabilities (GPF, TDS, WC TAX,CPF, GIS, NPS, GST): | 1,16,84,113.84         | 1,32,56,410.84         |
|                    | a) Overdue   | -                      | -                      |
|                    | b) Others  | -                      | -                      |
| 6                  | Other Current Liabilities:                                   |                        |                        |
|                    | (a) Salaries   | -                      | -                      |
|                    | (b) Receipts against sponsored projects                      | 1,68,04,654.00         | 80,01,367.68           |
|                    | (c) Receipts against sponsored fellowships & scholarships    | 7,00,472.00            | 7,02,872.00            |
|                    | (d) Unutilised Grants  | 50,77,733.82           | 1,17,80,642.74         |
|                    | (e) CUET UG PG - NTA Fund                                    | 4,47,625.00            | -                      |
|                    | (f) CS- Digital India  | 1,45,000.00            | -                      |
|                    | (g) National Innovation Programme                            | 1,00,000.00            | 1,00,000.00            |
|                    | (h) Vritika Fund   | -                      | 33.00                  |
|                    | (i) NDMA   | 31,995.00              | 31,995.00              |
|                    | (j) Sponsored Workshop Fund                                  | -                      | 2,36,400.00            |
|                    | (k) TSA Outstanding Expenses                                 | 75,33,750.00           | -                      |
|                    | (l) Expenses Payable   | 8,69,01,770.16         | 4,83,90,150.16         |
|                    | (m) Refundable academic receipts                             | 1,09,91,339.55         | 1,24,41,194.55         |
|                    | (n) Consolidated Fund of India:                              |                        |                        |
|                    | Interest Realised  | 28,72,824.93           | 26,84,805.19           |
|                    | Interest Accrued   | -                      | -                      |
|                    | (o) Interest Payable   | 8,46,813.72            | 3,02,796.89            |
|                    | (p) Consultancy Fund   | 7,67,000.00            | -                      |
|                    | (q) Others   | 3,60,000.00            | 4,15,083.00            |
| <b>Total ( A )</b> |  | <b>15,57,13,637.81</b> | <b>11,02,90,908.84</b> |

  
सहायक कुलसचिव

**Assistant Registrar**

राष्ट्रीय प्रौद्योगिकी संस्थान मिज़ोरम  
National Institute of Technology Mizoram

  
कुलसचिव/Registrar

रा. प्रौ. स. मिज़ोरम

**Registrar-in-charge**

NIT Mizoram

  
निदेशक/ Director

रा. प्रौ. स. मिज़ोरम

**NIT Director**

**SCHEDULE - 3: CURRENT LIABILITIES & PROVISIONS (contd...)**

| <b>B.</b> | <b>Provisions</b>            |                        |                        |
|-----------|------------------------------|------------------------|------------------------|
| 1         | For Taxation                 | -                      | -                      |
| 2         | Gratuity                     | -                      | -                      |
| 3         | Superannuation Pension       | -                      | -                      |
| 4         | Accumulated Leave Encashment | -                      | -                      |
| 5         | Trade Warranties/ Claims     | -                      | -                      |
|           | <b>Total ( B )</b>           | -                      | -                      |
|           | <b>Total ( A+B )</b>         | <b>15,57,13,637.81</b> | <b>11,02,90,908.84</b> |

Place: Aizawl  
Date: 20.08.2024

  
**Assistant Registrar**  
 सहायक कुलसचिव  
**Assistant Registrar**  
 राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
 National Institute of Technology Mizoram

  
**Registrar-in-charge**  
 कुलसचिव/Registrar  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

  
**Director**  
 निदेशक / Director  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

### SCHEDULE 3 (a) Sponsored Project

(Amount in Rs)

| Sl.no | Name of the Project | Opening Balance as on 01.04.23(Cr) | Opening Balance as on 01.04.23 (Dr) | Receipts/ Recoveries during the Year | Total                 | Expenditure during the Year | Closing Balance as on 31.03.2024 (Cr) | Closing Balance as on 31.03.2024 (Dr) |
|-------|---------------------|------------------------------------|-------------------------------------|--------------------------------------|-----------------------|-----------------------------|---------------------------------------|---------------------------------------|
| 1     | RP-1                | -                                  | -                                   | -                                    | -                     | -                           | -                                     | -                                     |
| 2     | RP-2                | -                                  | -                                   | -                                    | -                     | -                           | -                                     | -                                     |
| 3     | RP-3                | -                                  | -                                   | -                                    | -                     | -                           | -                                     | -                                     |
| 4     | RP-4                | -                                  | -                                   | -                                    | -                     | -                           | -                                     | -                                     |
| 5     | RP-5                | -                                  | -                                   | -                                    | -                     | -                           | -                                     | -                                     |
| 6     | RP-6                | -                                  | -                                   | -                                    | -                     | -                           | -                                     | -                                     |
| 7     | RP-7                | -                                  | -                                   | -                                    | -                     | -                           | -                                     | -                                     |
| 8     | RP-8                | -                                  | -                                   | -                                    | -                     | -                           | -                                     | -                                     |
| 9     | RP-9                | -                                  | -                                   | -                                    | -                     | -                           | -                                     | -                                     |
| 10    | RP-10               | -                                  | -                                   | -                                    | -                     | -                           | -                                     | -                                     |
| 11    | RP-11               | 73,039.00                          | -                                   | 1,02,022.00                          | 1,75,061.00           | 1,19,960.00                 | 55,101.00                             | -                                     |
| 12    | RP-12               | 2,08,300.58                        | -                                   |                                      | 2,08,300.58           | 2,08,300.58                 | -                                     | -                                     |
| 13    | RP-13               | -                                  | -                                   | -                                    | -                     | -                           | -                                     | -                                     |
| 14    | RP-14               | -                                  | -                                   | -                                    | -                     | -                           | -                                     | -                                     |
| 15    | RP-15               | 2,66,049.10                        | -                                   |                                      | 2,66,049.10           | 2,66,049.10                 | -                                     | -                                     |
| 16    | RP-16               | 11,07,703.00                       | -                                   |                                      | 11,07,703.00          |                             | 11,07,703.00                          | -                                     |
| 17    | RP-18               | -                                  | -                                   | 61,23,418.00                         | 61,23,418.00          | 49,27,325.00                | 11,96,093.00                          |                                       |
| 18    | RP-19               | 15,70,470.00                       | -                                   | 2,04,335.00                          | 17,74,805.00          | 11,06,785.00                | 6,68,020.00                           | -                                     |
| 19    | RP-20               | 29,83,119.00                       | -                                   | 66,507.00                            | 30,49,626.00          | 25,69,911.00                | 4,79,715.00                           | -                                     |
| 20    | RP-21               | 6,41,338.00                        | -                                   | 33,585.00                            | 6,74,923.00           | 2,23,905.00                 | 4,51,018.00                           | -                                     |
| 21    | RP-22               | 9,52,100.00                        | -                                   | 1,83,073.00                          | 11,35,173.00          | 7,84,981.00                 | 3,50,192.00                           | -                                     |
| 22    | RP-23               | -                                  | -                                   | 49,16,900.00                         | 49,16,900.00          | 16,09,588.00                | 33,07,312.00                          |                                       |
| 23    | RP-24               | -                                  | -                                   | 19,50,000.00                         | 19,50,000.00          | -                           | 19,50,000.00                          | -                                     |
| 24    | RP-25               | -                                  | -                                   |                                      | -                     | -                           | -                                     | -                                     |
| 25    | RP-26               | -                                  | -                                   | 23,25,000.00                         | 23,25,000.00          | -                           | 23,25,000.00                          | -                                     |
| 26    | RP-27               | -                                  | -                                   | 19,50,000.00                         | 19,50,000.00          | -                           | 19,50,000.00                          | -                                     |
| 27    | RP-28               | -                                  | -                                   | 19,68,000.00                         | 19,68,000.00          | -                           | 19,68,000.00                          | -                                     |
| 28    | RP-29               | -                                  | -                                   | 7,00,000.00                          | 7,00,000.00           | -                           | 7,00,000.00                           |                                       |
| 29    | RP-30               | -                                  | -                                   | 2,20,000.00                          | 2,20,000.00           | -                           | 2,20,000.00                           |                                       |
| 30    | TIH Grant           | 1,99,249.00                        | -                                   | -                                    | 1,99,249.00           | 1,99,249.00                 | -                                     | -                                     |
| 31    | BIS Fund            | -                                  | -                                   | 76,500.00                            | 76,500.00             |                             | 76,500.00                             | -                                     |
|       | <b>TOTAL</b>        | <b>80,01,367.68</b>                | -                                   | <b>2,07,42,840.00</b>                | <b>2,87,44,207.68</b> | <b>1,20,16,053.68</b>       | <b>1,68,04,654.00</b>                 | -                                     |

Place:Aizawl  
Date: 20.08.2024

  
सहायक निवाल सचिव  
Assistant Registrar  
राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
National Institute of Technology Mizoram

  
Registrar-in-charge  
कुलसचिव/Registrar  
रा. प्रौ. सं. मिजोरम  
NIT Mizoram

  
निदेशक / Director  
रा. प्रौ. सं. मिजोरम  
NIT Mizoram

### SCHEDULE 3 (b) Sponsored Fellowship and Scholarship

(Amount in Rs.)

| Sl.no        | Name of Sponsor        | Opening Balance as on 01.04.23 | Transactions during the year |                    | Closing Balance as on 31.03.24 |
|--------------|------------------------|--------------------------------|------------------------------|--------------------|--------------------------------|
|              |                        |                                | Cr                           | Dr                 |                                |
| 1            | Scholarship(Central)   | 2,27,330.00                    | 84,330.00                    | 1,43,000.00        | 1,68,660.00                    |
| 2            | Scholarship(State)     | 4,73,142.00                    | 3,05,000.00                  | 2,46,330.00        | 5,31,812.00                    |
| 3            | PMSSS for J&K Students | 2,400.00                       |                              | 2,400.00           | -                              |
| <b>TOTAL</b> |                        | <b>7,02,872.00</b>             | <b>3,89,330.00</b>           | <b>3,91,730.00</b> | <b>7,00,472.00</b>             |

### SCHEDULE 3 (c) Unutilized Grants from UGC, Govt of India and State Govt.

|           |   | Current Year           | Previous Year          |
|-----------|---|------------------------|------------------------|
| <b>A.</b> | <b>Plan Grants: Government of India</b> |                        |                        |
|           | Balance B/F                             | 1,17,80,642.74         | 16,97,39,679.92        |
|           | Add: Receipts During the year           | 46,90,00,000.00        | 44,23,23,000.00        |
|           | Add: TSA Fund in General Savings        | 34,78,953.08           | -                      |
|           | <b>Total (a)</b>                        | <b>48,42,59,595.82</b> | <b>61,20,62,679.92</b> |
|           | Less: Refunds                           | 96,304.00              | 11,43,73,477.00        |
|           | Less :Utilized for Revenue Expenditure  | 34,96,55,823.85        | 36,00,68,717.18        |
|           | Less:Utilised for capital Expenditure   | 12,94,29,734.15        | 12,58,39,843.00        |
|           | <b>Total (b)</b>                        | <b>47,91,81,862.00</b> | <b>60,02,82,037.18</b> |
|           | <b>Unutilised carried forward (a-b)</b> | <b>50,77,733.82</b>    | <b>1,17,80,642.74</b>  |

Place:Aizawl  
Date: 20.08.2024

  
**Assistant Registrar**  
**सहायक कुलसचिव**  
**Assistant Registrar**  
**राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम**  
**National Institute of Technology Mizoram**

  
**Registrar-in-charge**  
**कुलसचिव/Registrar**  
**रा. प्रौ. सं. मिजोरम**  
**NIT Mizoram**

  
**Director**  
**निदेशक**  
**रा.प्रौ.सं. मिजोरम**  
**NIT Mizoram**

## Schedule -4 FIXED ASSETS

| SL<br>No | Assets Heads                        | Rate of<br>Depreciation | GROSS BLOCK                    |                        |                     |                          | DEPRECIATION                   |  |                           |                        | NET BLOCK                |                                |
|----------|-------------------------------------|-------------------------|--------------------------------|------------------------|---------------------|--------------------------|--------------------------------|--|---------------------------|------------------------|--------------------------|--------------------------------|
|          |                                     |                         | As at beginning of the<br>year | Additions              | Deductions          | As at end of the year    | As at beginning of<br>the year | Depreciation<br>charged during the<br>year | Deductions/<br>Adjustment | Total Depreciation     | As at end of the year    | As at beginning of the<br>year |
| 1        | Land                                |                         | -                              | -                      | -                   | -                        | -                              | -  | -                         | -                      | -                        | -                              |
| 2        | Site Development                    |                         | -                              | -                      | -                   | -                        | -                              | -  | -                         | -                      | -                        | -                              |
| 3        | Buildings                           | 2%                      | -                              | -                      | -                   | -                        | -                              | -  | -                         | -                      | -                        | -                              |
| 4        | Roads & Bridges                     | 2%                      | -                              | -                      | -                   | -                        | -                              | -  | -                         | -                      | -                        | -                              |
| 5        | Tubewells & Water Supply            | 2%                      | 5,70,925.00                    | 80,850.00              | -                   | 6,51,775.00              | 6,450.60                       | 12,035.01                                  | -                         | 18,485.62              | 6,33,289.38              | 5,64,474.40                    |
| 6        | Sewerage & Drainage                 | 2%                      | -                              | -                      | -                   | -                        | -                              | -  | -                         | -                      | -                        | -                              |
| 7        | Electrical Installation & Equipment | 5%                      | 1,55,87,383.85                 | 1,73,92,952.00         | -                   | 3,29,80,335.85           | 27,90,041.30                   | 9,41,910.27                                | -                         | 37,31,951.57           | 2,92,48,384.28           | 1,27,97,342.55                 |
| 8        | Plant & Machinery                   | 5%                      | -                              | -                      | -                   | -                        | -                              | -  | -                         | -                      | -                        | -                              |
| 9        | Scientific & Laboratory Equipment   | 8%                      | 33,52,16,148.00                | 5,18,10,554.00         | 13,69,238.00        | 38,56,57,464.00          | 17,17,33,417.63                | 2,75,18,667.24                             | 98.62                     | 19,92,51,986.25        | 18,64,05,477.75          | 16,34,82,730.37                |
| 10       | Office Equipment                    | 8%                      | 2,19,80,276.00                 | 10,985.00              | -                   | 2,19,91,261.00           | 1,57,27,320.61                 | 16,48,872.82                               | -                         | 1,73,76,193.43         | 46,15,067.57             | 62,52,955.39                   |
| 11       | Audio Visual Equipment              | 8%                      | 1,75,52,818.00                 | 35,000.00              | -                   | 1,75,87,818.00           | 96,06,331.62                   | 13,16,756.21                               | -                         | 1,09,23,087.83         | 66,64,730.17             | 79,46,486.38                   |
| 12       | Computers & Peripherals             | 20%                     | 10,66,08,263.14                | 1,60,66,615.15         | 21,12,072.00        | 12,05,62,806.29          | 8,40,18,876.71                 | 2,44,80,060.12                             | -                         | 10,84,98,936.83        | 1,20,63,869.46           | 2,25,89,386.43                 |
| 13       | Furniture, Fixtures & Fittings      | 8%                      | 6,33,20,043.00                 | 1,78,56,651.00         | 5,88,000.00         | 8,05,88,694.00           | 2,40,39,169.28                 | 50,84,525.93                               | 12,730.30                 | 2,91,11,064.91         | 5,14,77,629.09           | 3,92,80,873.72                 |
| 14       | Vehicles                            | 10%                     | 7,82,387.00                    | -                      | -                   | 7,82,387.00              | 7,04,791.36                    | 77,594.64                                  | -                         | 7,82,386.00            | 1.00                     | 77,595.64                      |
| 15       | Lib. Books & Scientific Journals    | 10%                     | 2,12,99,623.00                 | 7,74,855.00            | -                   | 2,20,74,478.00           | 1,75,39,258.94                 | 21,31,892.54                               | -                         | 1,96,71,151.48         | 24,03,326.52             | 37,60,364.06                   |
| 16       | Installation                        | 2%                      | 1,07,73,015.00                 | -                      | -                   | 1,07,73,015.00           | 12,96,038.82                   | 2,15,460.30                                | -                         | 15,11,499.12           | 92,61,515.88             | 94,76,976.18                   |
| 17       | Other Fixed Structures              | 10%                     | 6,04,350.00                    | -                      | -                   | 6,04,350.00              | 6,04,350.00                    | -  | -                         | 6,04,350.00            | -                        | -                              |
| 18       | Small Value Assets                  | 100%                    | 3,09,738.00                    | -                      | -                   | 3,09,738.00              | 3,09,738.00                    | -  | -                         | 3,09,738.00            | -                        | -                              |
|          | <b>TOTAL (A)</b>                    |                         | <b>59,46,04,969.99</b>         | <b>10,40,28,462.15</b> | <b>40,69,310.00</b> | <b>69,45,64,122.14</b>   | <b>32,83,75,784.87</b>         | <b>6,34,27,875.09</b>                      | <b>12,828.92</b>          | <b>39,17,90,831.04</b> | <b>30,27,73,291.10</b>   | <b>26,62,29,185.12</b>         |
| 19       | Capital Work In Progress            |                         | 1,67,44,98,320.00              | -                      | -                   | 1,67,44,98,320.00        | -                              | -  | -                         | -                      | 1,67,44,98,320.00        | 1,67,44,98,320.00              |
|          | <b>TOTAL (B)</b>                    |                         | <b>1,67,44,98,320.00</b>       | -                      | -                   | <b>1,67,44,98,320.00</b> | -                              | -  | -                         | -                      | <b>1,67,44,98,320.00</b> | <b>1,67,44,98,320.00</b>       |
| 20       | Computer Software                   | 40%                     | 8,05,06,170.00                 | 2,54,01,272.00         | -                   | 10,59,07,442.00          | 6,58,83,297.59                 | 3,16,946.52                                | -                         | 6,62,00,244.11         | 3,97,07,197.89           | 1,46,22,872.41                 |
| 21       | E- Journals                         | 40%                     | 3,17,70,313.00                 | -                      | -                   | 3,17,70,313.00           | 1,57,59,433.28                 | 1,27,08,125.20                             | -                         | 2,84,67,558.48         | 33,02,754.52             | 1,60,10,879.72                 |
| 22       | Patents                             |                         | -                              | -                      | -                   | -                        | -                              | -  | -                         | -                      | -                        | -                              |
|          | <b>TOTAL (C)</b>                    |                         | <b>11,22,76,483.00</b>         | <b>2,54,01,272.00</b>  | -                   | <b>13,76,77,755.00</b>   | <b>8,16,42,730.87</b>          | <b>1,30,25,071.72</b>                      | -                         | <b>9,46,67,802.59</b>  | <b>4,30,09,952.41</b>    | <b>3,06,33,752.13</b>          |
|          | <b>GRAND TOTAL (A+B+C)</b>          |                         | <b>2,38,13,79,772.99</b>       | <b>12,94,29,734.15</b> | <b>40,69,310.00</b> | <b>2,50,67,40,197.14</b> | <b>41,00,18,515.74</b>         | <b>7,64,52,946.81</b>                      | <b>12,828.92</b>          | <b>48,64,58,633.63</b> | <b>2,02,02,81,563.51</b> | <b>1,97,13,61,257.25</b>       |

Place: Aizawl  
Date: 20.08.2024

Assistant Registrar

महायक कुलसचिव  
Assistant Registrar  
राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
National Institute of Technology Mizoram

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

निदेशक/ Director  
रा.प्रौ.सं. मिजोरम  
NIT Mizoram

Page 9

**Schedule -4 FIXED ASSETS (Sponsored Project)**

| SL<br>No | Assets Heads                      | Rate of<br>Depreciation | GROSS BLOCK                    |           |            |                       | DEPRECIATION                   |  |                           |                     | NET BLOCK             |                                |
|----------|-----------------------------------|-------------------------|--------------------------------|-----------|------------|-----------------------|--------------------------------|--|---------------------------|---------------------|-----------------------|--------------------------------|
|          |                                   |                         | As at beginning of the<br>year | Additions | Deductions | As at end of the year | As at beginning of<br>the year | Depreciation<br>charged during the<br>year | Deductions/<br>Adjustment | Total Depreciation  | As at end of the year | As at beginning of the<br>year |
| 1        | Scientific & Laboratory Equipment | 8%                      | 42,32,705.00                   | -         | -          | 42,32,705.00          | 14,34,203.4                    | 3,38,616.40                                | -                         | 17,72,819.75        | 24,59,885.25          | 27,98,501.65                   |
| 2        | Lib. Books & Scientific Journals  | 10%                     | 2,00,565.00                    | -         | -          | 2,00,565.00           | 1,33,183.1                     | 20,056.50                                  | -                         | 1,53,239.64         | 47,325.36             | 67,381.86                      |
| 3        | Computers & Peripherals           | 20%                     | 1,10,339.00                    | -         | -          | 1,10,339.00           | 1,10,338.0                     | -  | -                         | 1,10,338.00         | 1.00                  | 1.00                           |
|          |                                   |                         | <b>45,43,609.00</b>            | -         | -          | <b>45,43,609.00</b>   | <b>16,77,724.49</b>            | <b>3,58,672.90</b>                         | -                         | <b>20,36,397.39</b> | <b>25,07,211.61</b>   | <b>28,65,884.51</b>            |

Place: Aizawl  
Date: 20.08.2024



Assistant Registrar

सहायक कुलसचिव  
**Assistant Registrar**  
राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
National Institute of Technology Mizoram



Registrar-in-charge

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



Director  
निदेशक / Director  
रा. प्रौ. सं. मिजोरम  
NIT Mizoram

## SCHEDULE – 5: INVESTMENTS - EARMARKED/ENDOWMENT FUNDS

|   |                                  | Current Year | Previous Year | Amount in Rupees |
|---|----------------------------------|--------------|---------------|------------------|
| 1 | In Central Government Securities | -            | -             | -                |
| 2 | In State Government Securities   | -            | -             | -                |
| 3 | Other Approved Securities        | -            | -             | -                |
| 4 | Shares                           | -            | -             | -                |
| 5 | Debentures and Bonds             | -            | -             | -                |
| 6 | Term Deposits with Banks         | -            | -             | -                |
| 7 | Others ( to be specified)        | -            | -             | -                |
|   | <b>TOTAL</b>                     | -            | -             | -                |

Place:Aizawl  
Date: 20.08.2024

  
**Assistant Registrar**

सहायक कुलसचिव

**Assistant Registrar**

राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम

National Institute of Technology Mizoram

  
**Registrar-in-charge**

कुलसचिव/Registrar

रा. प्रौ. सं. मिजोरम

NIT Mizoram

  
**Director**  
निदेशक/  
रा.प्रौ.सं. मिजोरम  
NIT Mizoram

## SCHEDULE – 6: INVESTMENTS - OTHERS

|              |                                  | Amount in Rupees |               |
|--------------|----------------------------------|------------------|---------------|
|              |                                  | Current Year     | Previous Year |
| <b>1</b>     | In Central Government Securities | -                | -             |
| <b>2</b>     | In State Government Securities   | -                | -             |
| <b>3</b>     | Other Approved Securities        | -                | -             |
| <b>4</b>     | Shares                           | -                | -             |
| <b>5</b>     | Debentures and Bonds             | -                | -             |
| <b>6</b>     | Term Deposit with Banks          | -                | -             |
| <b>TOTAL</b> |                                  | -                | -             |

Place:Aizawl

Date: 20.08.2024

  
**Assistant Registrar**  
 सहायक कुलसचिव  
**Assistant Registrar**  
 राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
 National Institute of Technology Mizoram

  
**Registrar-in-charge**  
 कुलसचिव/Registrar  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

  
**Director**  
 निदेशक Director  
 रा.प्रौ.सं. मिजोरम  
 NIT Mizoram

## SCHEDULE - 7: CURRENT ASSETS

|   |   | Current Year           | Previous Year          |
|---|---|------------------------|------------------------|
| 1 | <b>Stock:</b>   |                        |                        |
|   | (a) Stores and Spares                                   | -                      | -                      |
|   | (b) Loose Tools   | -                      | -                      |
|   | (c) Publications  | -                      | -                      |
|   | (d) Laboratory chemicals, consumables and glass wires   | -                      | -                      |
|   | (e) Building Material                                   | -                      | -                      |
|   | (f) Electrical material                                 | -                      | -                      |
|   | (g) Stationery  | -                      | -                      |
| 2 | <b>Sundry Debtors:</b>                                  |                        |                        |
|   | (a) Debts Outstanding for a period exceeding six months | 5,000.00               | 5,000.00               |
| 3 | <b>Cash and Bank Balances</b>                           |                        |                        |
|   | <b>Cash In Hand/ Imprest Cash</b>                       |                        |                        |
|   | <b>(a) With Scheduled Banks:</b>                        |                        |                        |
|   | In Current Accounts                                     | 2,50,97,676.25         | 13,43,614.00           |
|   | In Term Deposit Accounts                                | 6,00,00,000.00         | 7,34,00,000.00         |
|   | In Savings Accounts                                     | 36,60,91,538.32        | 30,83,03,589.45        |
|   | <b>(b) With Non- Scheduled Banks:</b>                   |                        |                        |
|   | In Term Deposit Accounts                                | -                      | -                      |
| 4 | <b>(c) In Good and Services Tax Portal:</b>             |                        |                        |
|   | In Goods and Services Tax Cash Ledger (Deductor)        | 2,40,809.00            | -                      |
|   | In Goods and Services Tax Cash Ledger (Taxpayer)        | 12,92,034.00           | -                      |
|   | <b>Post Office- Savings Accounts</b>                    | -                      | -                      |
|   | <b>Total</b>  | <b>45,27,27,057.57</b> | <b>38,30,52,203.45</b> |

Place: Aizawl  
Date: 20.08.2024

Note: Annexure A includes and shows the details of Bank Accounts  
**Assistant Registrar**  
 सहायक कलसाचिव  
 राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
 National Institute of Technology Mizoram

  
Assistant Registrar

  
Registrar-in-charge  
 कुलसचिव/Registrar  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

  
**Director**  
 निदेशक / Director  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

## Annexure A

|                               |   | Amount in Rupees       |
|-------------------------------|---|------------------------|
| <b>I.</b>                     | <b>Savings Bank Accounts</b>            |                        |
| 1.                            | Grants from UGC A/c                     | -                      |
| 2.                            | University Receipts                     | -                      |
| 3.                            | Scholarship A/c                         | -                      |
| 4.                            | Academic Fee Receipt A/c                | 24,94,94,727.63        |
| 5.                            | Developement (Plan) A/c                 | -                      |
| 6.                            | Combined Entrance Exams (CBT) A/c       | -                      |
| 7.                            | UGC Plan Fellowship Plan                | -                      |
| 8.                            | Corpus Fund A/c (EMF)                   | -                      |
| 9.                            | Sponsorship Projects Fund A/c           | 72,27,451.00           |
| 10.                           | Sponsorship Fellowship A/c              | -                      |
| 11.                           | Endowment & Chair A/c (EMF)             | -                      |
| 12.                           | UGC JRF Fellwoship A/c (EMF)            | -                      |
| 13.                           | HBA Fund A/c                            | -                      |
| 14.                           | Conveyance A/c                          | -                      |
| 15.                           | UGC Rajeev gandhi Fellowship A/c (EMF)  | -                      |
| 16.                           | Academic Developemnt Fund A/c (EMF)     | -                      |
| 17.                           | Deposit A/c                             | -                      |
| 18.                           | Student Fund A/c                        | -                      |
| 19.                           | Student Aid Fund A/c                    | -                      |
| 20.                           | Plan Grants for Specific schemes        | -                      |
| 21.                           | New Pension Scheme A/c                  | -                      |
| 22.                           | General Savings A/c                     | 10,93,69,359.69        |
| <b>II.</b>                    | <b>Current Account</b>                  | 2,50,97,676.25         |
| <b>SUB-TOTAL (I+II)</b>       |   | <b>39,11,89,214.57</b> |
| <b>III</b>                    | <b>Term Deposit with Schedule Banks</b> | 6,00,00,000.00         |
| <b>GRAND TOTAL (I+II+III)</b> |   | <b>45,11,89,214.57</b> |

Place: Aizawl  
Date: 20.08.2024

  
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**Assistant Registrar**  
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**Director**  
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 रा. प्रौ. सं. मिजोरम  
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**Schedule 8 - LOANS, ADVANCES & DEPOSITS**

|          |   | <b>Current Year</b> | <b>Previous Year</b> |
|----------|---|---------------------|----------------------|
| <b>1</b> | Advances to employees: (Non- interest bearing)                                      |                     |                      |
|          | (a) Salary  | -                   | -                    |
|          | (b) Festival  | -                   | -                    |
|          | (c) Medical Advance   | -                   | -                    |
| <b>2</b> | (d) For Expenses  | 50,86,564.00        | 69,93,069.00         |
|          | Long Term Advances to employees (Interest bearing)                                  |                     |                      |
|          | (a) Vehicle Loan  | -                   | -                    |
|          | (b) Home Loan   | -                   | -                    |
| <b>3</b> | (d) Others  | -                   | -                    |
|          | Advances and other amounts recoverable in cash or kind or for value to be received: |                     |                      |
|          | (a) On Capital Account  | -                   | -                    |
|          | (b) Suppliers   | 35,798.00           | 3,83,201.00          |
|          | (c) Advance for TSA Expenses  | 75,33,750.00        |                      |
|          | (d) Income Tax Recoverable  | 19,59,387.00        |                      |
| <b>4</b> | (e) Others  | 14,33,056.08        | 8,48,240.00          |
|          | Prepaid Expenses  | -                   | -                    |
|          | (a) Insurance   | -                   | -                    |
| <b>5</b> | (b) Other expenses  | 9,20,000.00         | -                    |
|          | Deposits  |                     |                      |
|          | (a) Telephone   | 11,000.00           | 11,000.00            |
|          | (b) Lease Rent  | -                   | -                    |
|          | (c) Electricity   | -                   | -                    |
|          | (d) Security Deposit  | 51,08,125.00        | 51,08,125.00         |
|          | (e) Building on rent  | 1,50,000.00         | 1,50,000.00          |

Place: Aizawl  
Date: 20.08.2024

  
 सहायक कलसाचार  
**Assistant Registrar**  
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 रजिस्ट्रेटर/Registrar  
 रा. प्रौ. स. मिजोरम  
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 Director  
 निदेशक/ Director  
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### Schedule 8 - LOANS, ADVANCES & DEPOSITS (contd)

|   |   |                       |                       |
|---|---|-----------------------|-----------------------|
|   | Income Accrued  |                       |                       |
| 6 | (a) On investments from Earmarked/Endowment Funds             | -                     | -                     |
|   | (b) On Term Deposits  | 1,47,80,585.07        | 1,33,47,440.25        |
|   | (c) On Loans and Advances                                     | -                     | -                     |
|   | (d) Others (inluded income due unrealized)                    | -                     | -                     |
| 7 | Others- Current Assets receivable from UGC/Sponsored projects |                       |                       |
|   | (a) Debit balances in Sponsored Projects                      | -                     | -                     |
|   | (b) Debit Balances in Sponsored Fellowships & Scholarships    | -                     | -                     |
|   | (c) Grant Receivable  | -                     | -                     |
| 8 | (d) Other receivables from UGC                                | -                     | -                     |
|   | Claims Receivable   | -                     | -                     |
|   | <b>TOTAL</b>  | <b>3,70,18,265.15</b> | <b>2,68,41,075.25</b> |

Place: Aizawl  
Date: 20.08.2024

  
Assistant Registrar  
सहायक कुलसचिव  
Assistant Registrar  
राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
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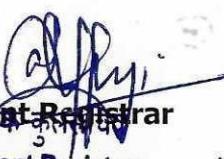
  
Registrar In-charge  
कुलसचिव/Registrar  
रा. प्रौ. सं. मिजोरम  
NIT Mizoram

  
Director  
निदेशक / Director  
रा. प्रौ. सं. मिजोरम  
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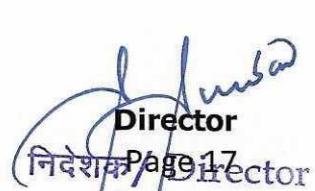
## SCHEDULE 9 – ACADEMIC RECEIPTS

| PARTICULARS                        | Current Year          | Previous Year         |
|------------------------------------|-----------------------|-----------------------|
| <b>FEES FROM STUDENTS</b>          |                       |                       |
| <b>ACADEMIC</b>                    |                       |                       |
| 1. Tuition Fee                     | 1,65,44,110.00        | 1,73,45,051.00        |
| 2. Admission fee                   | -                     | -                     |
| 3. Medical Aid Fee                 | 4,75,850.00           | 4,55,700.00           |
| 4. Library Fee                     | 10,19,750.00          | 7,45,500.00           |
| 5. Laboratory Fee                  | 12,87,200.00          | 7,21,250.00           |
| 6. Art & Craft Fee                 | -                     | -                     |
| 7. Registration Fee                | 3,20,400.00           | 3,02,000.00           |
| <b>TOTAL (A)</b>                   | <b>1,96,47,310.00</b> | <b>1,95,69,501.00</b> |
| <b>EXAMINATION</b>                 | <b>Current Year</b>   | <b>Previous Year</b>  |
| 1. Application Form                | -                     | -                     |
| 2. Annual/Semester Examination fee | 12,78,700.00          | 11,23,850.00          |
| 3. Mark Sheet, Certificate fee     | 48,500.00             | 15,500.00             |
| 4. Entrance Examination fee        | -                     | -                     |
| <b>TOTAL (B)</b>                   | <b>13,27,200.00</b>   | <b>11,39,350.00</b>   |
| <b>OTHER FEES</b>                  | <b>Current Year</b>   | <b>Previous Year</b>  |
| 1. Identity card fee               | 70,450.00             | 41,600.00             |
| 2. Fine/Miscellaneous fee          | 1,50,000.00           | 38,000.00             |
| 3. Medical fee                     | -                     | 600.00                |
| 4. Student Aid Fees                | 3,70,750.00           | 1,86,500.00           |
| 5. Hostel fee                      | 94,20,171.75          | 68,60,835.75          |
| 6. Development fees                | 31,02,500.00          | 23,53,750.00          |
| 7. Student Activity fee            | 17,03,598.00          | 14,22,000.00          |
| <b>TOTAL (C)</b>                   | <b>1,48,17,469.75</b> | <b>1,09,03,285.75</b> |

Place: Aizawl  
Date: 20.08.2024

  
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**Registrar-in-charge**  
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 रा. प्रौ. सं. मिजोरम  
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**Director**  
 निदेशक Page 17  
 रा. प्रौ. सं. मिजोरम 18  
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## SCHEDULE 9 – ACADEMIC RECEIPTS(CONTD..)

| <b>SALE OF PUBLICATIONS</b>                     | <b>Current Year</b> | <b>Previous Year</b> |
|---|---------------------|----------------------|
| 1. Sale of Admission forms                      | -                   | -                    |
| 2. Sale of Syllabus and question Paper, etc     | -                   | -                    |
| 3. Sale of Prospectus including admission forms | -                   | -                    |
| <b>TOTAL (D)</b>                                | -                   | -                    |

| <b>OTHER ACADEMIC RECEIPTS</b>        | <b>Current Year</b>   | <b>Previous Year</b>  |
|---------------------------------------|-----------------------|-----------------------|
| 1. Internet & Computer Maintenance    | 4,57,250.00           | 17,300.00             |
| 2. Inter University Cultural Activity | -                     | 200.00                |
| 3. Gym, Annual day & Magazine fees    | -                     | 2,400.00              |
| 4. Thesis Fee                         | 60,000.00             | 42,000.00             |
| 5. Training & Placement               | 2,02,000.00           | 1,95,750.00           |
| 6. Convocation                        | 2,96,000.00           | 1,81,200.00           |
| 7. Industry Institution Interaction   | -                     | 2,400.00              |
| 8. Alumni Fee                         | 1,37,500.00           | 88,500.00             |
| 9. Other Academic Receipts            | 23,35,300.00          | 16,42,100.00          |
| <b>TOTAL (E)</b>                      | <b>34,88,050.00</b>   | <b>21,71,850.00</b>   |
| <b>Total (A+B+C+D+E)</b>              | <b>3,92,80,029.75</b> | <b>3,37,83,986.75</b> |

Place: Aizawl  
Date: 20.08.2024

  
**Assistant Registrar**

सहायक नियंत्रक

**Assistant Registrar**

राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम

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**Director**  
सिद्धांशक / Director  
Page 18 मिजोरम  
NIT Mizoram

## SCHEDULE - 10: GRANTS

| Particulars                             | Plan                   |      | Total Plan      | Non Plan UGC           | Current Year Total | Amount in Rupees       |                        |  |  |
|---|------------------------|------|-----------------|------------------------|--------------------|------------------------|------------------------|--|--|
|   | Govt. of India         | UGC  |                 |                        |                    | Previous Year Total    |                        |  |  |
|   |                        | Plan | Specific Scheme |                        |                    |                        |                        |  |  |
| Balance B/F                             | 1,17,80,642.74         | -    | -               | 1,17,80,642.74         | -                  | 1,17,80,642.74         | 16,97,39,679.92        |  |  |
| Add: Grants for Current year            | 46,90,00,000.00        | -    | -               | 46,90,00,000.00        | -                  | 46,90,00,000.00        | 44,23,23,000.00        |  |  |
| Add: TSA Fund Balance                   | 34,78,953.08           | -    | -               | 34,78,953.08           | -                  | 34,78,953.08           | -                      |  |  |
| <b>Total</b>                            | <b>48,42,59,595.82</b> | -    | -               | <b>48,42,59,595.82</b> | -                  | <b>48,42,59,595.82</b> | <b>61,20,62,679.92</b> |  |  |
| Less: Refunded to Ministry of Education | 96,304.00              | -    | -               | 96,304.00              | -                  | 96,304.00              | 11,43,73,477.00        |  |  |
| Balance                                 | 48,41,63,291.82        | -    | -               | 48,41,63,291.82        | -                  | 48,41,63,291.82        | 49,76,89,202.92        |  |  |
| Less: Earmarked for capital expenditure | 12,94,29,734.15        | -    | -               | 12,94,29,734.15        | -                  | 12,94,29,734.15        | 12,58,39,843.00        |  |  |
| <b>Balance</b>                          | <b>35,47,33,557.67</b> | -    | -               | <b>35,47,33,557.67</b> | -                  | <b>35,47,33,557.67</b> | <b>37,18,49,359.92</b> |  |  |
| Less: Utilised for Revenue Expenditure  | 34,96,55,823.85        | -    | -               | 34,96,55,823.85        | -                  | 34,96,55,823.85        | 36,00,68,717.18        |  |  |
| <b>Balance C/F</b>                      | <b>50,77,733.82</b>    | -    | -               | <b>50,77,733.82</b>    | -                  | <b>50,77,733.82</b>    | <b>1,17,80,642.74</b>  |  |  |

Place: Aizawl  
Date: 20.08.2024

  
Assistant Registrar

सहायक कुलसचिव  
Assistant Registrar  
राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
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NIT Mizoram

  
Director  
निदेशक  
रा. प्रौ. सं. मिजोरम  
NIT Mizoram

## SCHEDULE - 11: INCOME FROM INVESTMENTS

Amount in Rupees

| PARTICULARS  | Earmarked/Endowment Funds |               | Other Investments |               |
|--|---------------------------|---------------|-------------------|---------------|
|  | Current Year              | Previous Year | Current Year      | Previous Year |
| 1. Interest  |                           |               |                   |               |
| a) On Govt. Securities   | -                         | -             | -                 | -             |
| b) Other Bonds/Debentures  | -                         | -             | -                 | -             |
| 2. Interest on Term Deposits   | -                         | -             | -                 | -             |
| 3. Income accrued but not due on Term Deposits/ Interest Bearing advances to employees | -                         | -             | -                 | -             |
| 4. Interest on Savings Bank Accounts   | -                         | -             | -                 | -             |
| 5. Others(Specify)   | -                         | -             | -                 | -             |
| <b>Total</b>   | -                         | -             | -                 | -             |
| Transferred to Earmarked/ Endowment Funds  | -                         | -             | -                 | -             |
| <b>Balance</b>   | -                         | -             | -                 | -             |

Place: Aizawl  
Date: 20.08.2024

  
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**Assistant Registrar**  
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 रा.प्रौ.सं. मिजोरम  
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## **SCHEDULE - 12: INTEREST EARNED**

| <b>PARTICULARS</b>                              | <b>Current Year</b>   | <b>Previous Year</b> |
|---|-----------------------|----------------------|
| INTEREST EARNED ON BANK SAVINGS/DEPOSITS        |                       |                      |
| 1. (a) On Savings Accounts with Scheduled Banks | 74,58,479.26          | 55,37,421.81         |
| (b) On Term Deposit A/c with Scheduled Bank     | 37,45,368.82          | 44,61,548.02         |
| 2. On Loans                                     |                       |                      |
| a) Employees/Staff                              | -                     | -                    |
| b) Others                                       | -                     | -                    |
| 3. On Debtors and other Receivables             |                       |                      |
| <b>TOTAL</b>                                    | <b>1,12,03,848.08</b> | <b>99,98,969.83</b>  |

Place: Aizawl  
Date: 20.08.2024

  
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**Assistant Registrar**  
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 रा. प्रौ. सं. मिजोरम  
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### SCHEDULE - 13 : OTHER INCOME

Amount in Rupees

| PARTICULARS   | Current Year       | Previous Year      |
|---|--------------------|--------------------|
| <b>A. Income from Land &amp; Building</b>                                       |                    |                    |
| 1. Hostel Room Rent   | -                  | -                  |
| 2. Licence fee  | -                  | -                  |
| 3. Hire charges of Auditorium/Playground/Convention Centre, etc                 | -                  | -                  |
| 4. Electricity Charges Recovered  | 62,000.00          | -                  |
| 5. Water Charges recovered  | -                  | -                  |
| <b>Total</b>  | <b>62,000.00</b>   | -                  |
| <b>B. Sale of Institutions Publications</b>                                     | -                  | -                  |
| <b>Total</b>  | -                  | -                  |
| <b>C. Income from Holding Events</b>  |                    |                    |
| 1. Gross Receipts from Annual Function/Sports carnival                          | -                  | -                  |
| <b>Less:</b> Direct Expenditure incurred on the annual function/sports carnival | -                  | -                  |
| 2. Gross Receipts from Fêtes  | -                  | -                  |
| <b>Less:</b> Direct Expenditure incurred on the fêtes                           | -                  | -                  |
| 3. Gross Receipts for educational tours   | -                  | -                  |
| <b>Less:</b> Direct Expenditure incurred on the tours                           | -                  | -                  |
| 4. Others( Misc Administrative Receipt)   | 4,06,237.00        | 1,93,184.00        |
| <b>Total</b>  | <b>4,06,237.00</b> | <b>1,93,184.00</b> |

Place: Aizawl

Date: 20.08.2024

  
**Assistant Registrar**  
 सहायक कुलसचिव

**Assistant Registrar**  
 राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
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 निदेशक / Director  
 रा.प्रौ.सं. मिजोरम  
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### SCHEDULE - 13 : OTHER INCOME(Contd...)

| <b>D. Others</b>   |  |                     |                     |
|--|--|---------------------|---------------------|
| 1. Income from Consultancy   |  | 2,68,439.00         | 4,85,566.00         |
| 2. Ph.d. Admission Fees  |  | -                   | -                   |
| 3. Recruitment Fees  |  | 1,50,900.00         | -                   |
| 4. Income from Sponsorship   |  | -                   | -                   |
| 5. Sale of Application Form  |  | -                   | -                   |
| 6. Misc. receipts (Sponsored Project Overhead & Others)                                |  | 20,020.00           | 5,14,789.00         |
| 7. Profit on Sale/Disposal of Assets   |  | -                   | -                   |
| a) Owned Assets  |  | -                   | -                   |
| b) Assets received free of cost  |  | -                   | -                   |
| 8. Grants/ Donations from Institutions, Welfare Bodies and International Organizations |  | -                   | -                   |
| 9. Tender Fees   |  | 13,000.00           | 42,600.00           |
| 10. Application Fees   |  | 2,08,000.00         | 5,01,350.00         |
| 11. Other Income   |  | 1,50,050.00         | 62,546.00           |
| <b>Total</b>   |  | <b>8,10,409.00</b>  | <b>16,06,851.00</b> |
| <b>Grand Total (A+B+C+D)</b>   |  | <b>12,78,646.00</b> | <b>16,06,851.00</b> |

Place: Aizawl

Date: 20.08.2024

  
**Assistant Registrar**

सहायक कुलसचिव

**Assistant Registrar**

राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम

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NIT Mizoram

  
**Director**

निदेशक/ Director

रा.प्रौ.सं. मिजोरम

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## SCHEDULE - 14: PRIOR PERIOD INCOME

| <b>PARTICULARS</b>         | <b>Amount in Rupees</b> |                      |
|----------------------------|-------------------------|----------------------|
|                            | <b>Current Year</b>     | <b>Previous Year</b> |
| 1. Academic Receipts       | -                       | -                    |
| 2. Income from Investments | -                       | -                    |
| 3. Interest earned         | -                       | 52,36,042.07         |
| 4. Other Income            | 10,56,171.00            | -                    |
| 5. Sponsorship             | -                       | -                    |
| 6. Tender Income           | -                       | -                    |
| <b>TOTAL</b>               | <b>10,56,171.00</b>     | <b>52,36,042.07</b>  |

Place: Aizawl

Date: 20.08.2024

  
**Assistant Registrar**  
 सहायक कुलसचिव  
**Assistant Registrar**  
 राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
 National Institute of Technology Mizoram

  
**Registrar-in-charge**  
 कुलसचिव/Registrar  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

  
**Director**  
 निदेशक / Director  
 रा. प्रौ. प्रौ. Page 24  
 NIT Mizoram

### **SCHEDULE - 15: STAFF PAYMENTS & BENEFITS (ESTABLISHMENT EXPENSES)**

Amount in Rupees

| <b>PARTICULARS</b>                    | <b>Current Year</b>    |                 |                        | <b>Previous Year</b>   |                 |                        |
|---------------------------------------|------------------------|-----------------|------------------------|------------------------|-----------------|------------------------|
|                                       | <b>Plan</b>            | <b>Non-Plan</b> | <b>Total</b>           | <b>Plan</b>            | <b>Non-Plan</b> | <b>Total</b>           |
| a) Salaries and Wages                 | 11,33,52,561.00        | -               | 11,33,52,561.00        | 8,97,65,322.00         | -               | 8,97,65,322.00         |
| b) Allowance & Bonus                  | 5,78,852.00            | -               | 5,78,852.00            | 64,216.00              | -               | 64,216.00              |
| c) Contribution to Pension            | 1,25,40,018.00         | -               | 1,25,40,018.00         | 88,71,200.00           | -               | 88,71,200.00           |
| d) Contribution to other fund         | -                      | -               | -                      | -                      | -               | -                      |
| e) Staff Welfare expenses             | 1,78,158.00            | -               | 1,78,158.00            | 2,62,217.00            | -               | 2,62,217.00            |
| f) Membership & Professional Expenses | -                      | -               | -                      | -                      | -               | -                      |
| g) LTC facility                       | 12,23,182.00           | -               | 12,23,182.00           | 11,55,354.00           | -               | 11,55,354.00           |
| h) Medical facility                   | 32,71,357.00           | -               | 32,71,357.00           | 38,73,168.00           | -               | 38,73,168.00           |
| i) Children Education Allowance       | 4,18,540.00            | -               | 4,18,540.00            | 4,52,174.00            | -               | 4,52,174.00            |
| j) Honorarium                         | -                      | -               | -                      | -                      | -               | -                      |
| k) CPDA                               | 14,70,325.00           | -               | 14,70,325.00           | 9,17,506.00            | -               | 9,17,506.00            |
| l) Health Care Centre                 | 9,21,270.00            | -               | 9,21,270.00            | 76,459.00              | -               | 76,459.00              |
| <b>Total</b>                          | <b>13,39,54,263.00</b> | -               | <b>13,39,54,263.00</b> | <b>10,54,37,616.00</b> | -               | <b>10,54,37,616.00</b> |

Place: Aizawl

Date: 20.08.2024

  
**Assistant Registrar**  
 सहायक कुलसचिव  
**Assistant Registrar**  
 राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
 National Institute of Technology Mizoram

  
**Registrar-in-charge**  
 कुलसचिव/Registrar  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

  
**Director**  
 निदेशक / Director  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram  
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## SCHEDULE - 16 : ACADEMIC EXPENSES

Amount in Rupees

| PARTICULARS                        | Current Year          |          |                       | Previous Year         |          |                       |
|------------------------------------|-----------------------|----------|-----------------------|-----------------------|----------|-----------------------|
|                                    | Plan                  | Non-Plan | Total                 | Plan                  | Non-Plan | Total                 |
| a) Laboratory expenses             | 11,25,062.00          | -        | 11,25,062.00          | 4,77,852.00           | -        | 4,77,852.00           |
| b) Research Activities             | 2,91,488.00           | -        | 2,91,488.00           | 5,81,743.00           | -        | 5,81,743.00           |
| c) Expenses on Seminars/Workshops  | 36,23,962.00          | -        | 36,23,962.00          | 18,60,114.00          | -        | 18,60,114.00          |
| d) Payment to Visiting faculty     | 22,07,869.00          | -        | 22,07,869.00          | 16,79,540.00          | -        | 16,79,540.00          |
| e) Examination                     | 1,17,765.00           | -        | 1,17,765.00           | 63,220.00             | -        | 63,220.00             |
| f) Students Welfare Expenses       | 3,39,694.00           | -        | 3,39,694.00           | 13,26,480.00          | -        | 13,26,480.00          |
| g) Admission/ Farewell Expenses    | -                     | -        | -                     | -                     | -        | -                     |
| h) Convocation Expenses            | 22,33,092.00          | -        | 22,33,092.00          | 30,65,706.00          | -        | 30,65,706.00          |
| i) TA/DA                           | 26,71,753.00          | -        | 26,71,753.00          | -                     | -        | -                     |
| j) Remuneration                    | -                     | -        | -                     | -                     | -        | -                     |
| k) Training & Placement            | 39,776.00             | -        | 39,776.00             | 20,099.00             | -        | 20,099.00             |
| l) Hostel Expenses                 | 29,28,407.00          | -        | 29,28,407.00          | 22,80,995.00          | -        | 22,80,995.00          |
| m) Honorarium & Stipends           | 2,90,40,174.00        | -        | 2,90,40,174.00        | 1,73,21,075.00        | -        | 1,73,21,075.00        |
| n) Co-curricular activities        | 22,20,922.00          | -        | 22,20,922.00          | 21,89,765.00          | -        | 21,89,765.00          |
| o) Annual Technical Support        | 22,98,923.00          | -        | 22,98,923.00          | 26,80,960.00          | -        | 26,80,960.00          |
| p) Institutional Subscription Fees | 1,16,09,065.00        |          | 1,16,09,065.00        | -                     |          | -                     |
| q) Other Misc Expenses             | 16,04,455.50          | -        | 16,04,455.50          | 4,00,557.14           | -        | 4,00,557.14           |
| <b>TOTAL</b>                       | <b>6,23,52,407.50</b> | -        | <b>6,23,52,407.50</b> | <b>3,39,48,106.14</b> | -        | <b>3,39,48,106.14</b> |

Place: Aizawl  
Date: 20.08.2024

  
Assistant Registrar

सहायक कुलसचिव

Assistant Registrar

राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम

National Institute of Technology Mizoram

  
Registrar-in-charge

कुलसचिव/Registrar

रा. प्रौ. सं. मिजोरम

NIT Mizoram

  
Director

निदेशक / Director

रा. प्रौ. सं. मिजोरम

NIT Mizoram

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**SCHEDULE - 17 : ADMINISTRATIVE EXPENSES AND GENERAL EXPENSES**

Amount in Rupees

| Particulars                                       | Current Year           |          |                        | Previous Year         |          |                       |
|---|------------------------|----------|------------------------|-----------------------|----------|-----------------------|
|   | Plan                   | Non-Plan | Total                  | Plan                  | Non-Plan | Total                 |
| <b>A. Infrastructure</b>                          |                        |          |                        |                       |          |                       |
| a) Electricity and power                          | 24,53,887.00           | -        | 24,53,887.00           | 14,55,182.00          | -        | 14,55,182.00          |
| b) Water Charges                                  | 60,43,519.00           | -        | 60,43,519.00           | 27,99,555.00          | -        | 27,99,555.00          |
| c) Insurance, security                            | 1,56,73,615.00         | -        | 1,56,73,615.00         | 83,72,110.00          | -        | 83,72,110.00          |
| d) Rent, Rates and Taxes (Including property tax) | 8,76,88,058.00         | -        | 8,76,88,058.00         | 4,23,13,133.00        | -        | 4,23,13,133.00        |
| e) Casual Workers/daily wages                     | 35,22,810.00           | -        | 35,22,810.00           | 25,37,842.00          | -        | 25,37,842.00          |
| f) Sanitary/Housekeeping Expenses                 | 82,01,480.00           | -        | 82,01,480.00           | 42,51,320.00          | -        | 42,51,320.00          |
| g) DG Set running expenses                        | 6,09,800.00            | -        | 6,09,800.00            | 4,81,727.00           | -        | 4,81,727.00           |
| <b>B. Communication</b>                           |                        |          |                        |                       |          |                       |
| a) Postage and Stationery                         | 6,289.00               | -        | 6,289.00               | 15,124.00             | -        | 15,124.00             |
| b) Telephone, fax and Internet charges            | 24,69,233.00           | -        | 24,69,233.00           | 14,05,765.00          | -        | 14,05,765.00          |
| c) General Expense                                | 8,78,907.00            | -        | 8,78,907.00            | 6,63,830.00           | -        | 6,63,830.00           |
| d) Printing and stationery, Office                | 24,11,984.00           | -        | 24,11,984.00           | 7,48,998.00           | -        | 7,48,998.00           |
| e) Travelling and Conveyance expenses             | 28,89,988.00           | -        | 28,89,988.00           | 24,80,527.00          | -        | 24,80,527.00          |
| f) Hospitality                                    | 8,60,541.00            | -        | 8,60,541.00            | 8,93,891.00           | -        | 8,93,891.00           |
| g) Auditor/Consultation charges                   | 16,51,350.00           | -        | 16,51,350.00           | 1,15,200.00           | -        | 1,15,200.00           |
| h) Honorarium & Allowances                        |                        | -        | -                      | 85,550.00             | -        | 85,550.00             |
| i) Advertisement & Publicity                      | 33,48,207.00           | -        | 33,48,207.00           | 35,77,765.00          | -        | 35,77,765.00          |
| j) Magazines & Journals                           |                        | -        | -                      | 24,300.00             | -        | 24,300.00             |
| k) NIT Transit house                              | 3,50,000.00            | -        | 3,50,000.00            | 10,50,000.00          | -        | 10,50,000.00          |
| l) Bank Charges                                   | 2,144.45               | -        | 2,144.45               | 1,217.32              | -        | 1,217.32              |
| m) Meeting Expense                                | 17,91,473.00           | -        | 17,91,473.00           | 14,02,972.00          | -        | 14,02,972.00          |
| n) Central Library Expenses                       | 63,214.00              |          | 63,214.00              | 31,89,264.00          |          | 31,89,264.00          |
| o) Legal Expenses                                 | 3,00,000.00            |          | 3,00,000.00            | 10,13,340.00          |          | 10,13,340.00          |
| p) POL  | 7,09,903.00            |          | 7,09,903.00            | 8,51,760.00           |          | 8,51,760.00           |
| q) Recruitment Expenses                           | 26,59,572.00           |          | 26,59,572.00           | 11,41,464.00          |          | 11,41,464.00          |
| <b>C. Miscellaneous Expenses</b>                  |                        |          |                        |                       |          |                       |
|   | 8,55,026.00            | -        | 8,55,026.00            | 9,07,733.00           | -        | 9,07,733.00           |
| <b>TOTAL</b>                                      | <b>14,54,41,000.45</b> | -        | <b>14,54,41,000.45</b> | <b>8,17,79,569.32</b> | -        | <b>8,17,79,569.32</b> |

Place: Aizawl  
Date: 20.08.2024

  
 सहायक काल्पनिक  
 Assistant Registrar  
**Assistant Registrar**  
 राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
 National Institute of Technology Mizoram

  
**Registrar-in-charge**  
 कुलसचिव/Registrar  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

  
**Director**  
 निदेशक / Director  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

### SCHEDULE - 18 : TRANSPORTATION EXPENSES

Amount in Rupees

| Particulars                                     | Current Year          |          |                       | Previous Year       |          |                     |
|---|-----------------------|----------|-----------------------|---------------------|----------|---------------------|
|   | Plan                  | Non-Plan | Total                 | Plan                | Non-Plan | Total               |
| 1. Vehicles (owned by institution)              |                       |          |                       |                     |          |                     |
| a) Running Expenses                             | -                     | -        | -                     | -                   | -        | -                   |
| b) Repairs and Expenses                         | 400.00                | -        | 400.00                | 43,430.00           | -        | 43,430.00           |
| c) Insurance Expenses                           | -                     | -        | -                     | -                   | -        | -                   |
| d) Driver Wages                                 | -                     | -        | -                     | -                   | -        | -                   |
| 2. Vehicles taken on Rents/lease                |                       |          |                       |                     |          |                     |
| a) Rent/lease expenses                          | 1,51,69,557.00        | -        | 1,51,69,557.00        | 60,58,344.00        | -        | 60,58,344.00        |
| 3. Hiring Charge - Other Transportaion Expenses | 11,00,227.00          | -        | 11,00,227.00          | 10,98,015.00        | -        | 10,98,015.00        |
| <b>TOTAL</b>                                    | <b>1,62,70,184.00</b> | -        | <b>1,62,70,184.00</b> | <b>71,99,789.00</b> | -        | <b>71,99,789.00</b> |

Place: Aizawl  
Date: 20.08.2024

  
Assistant Registrar

सहायक कुलसचिव

Assistant Registrar

राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम

National Institute of Technology Mizoram

  
Registrar-in-charge

कुलसचिव/Registrar

रा. प्रौ. सं. मिजोरम

NIT Mizoram

  
Director

निदेशक/ Director

रा. प्रौ. सं. मिजोरम

NIT Mizoram

## SCHEDULE 19 : REPAIRS & MAINTENANCE

Amount in Rupees

| PARTICULARS                          | Current Year        |          |                     | Previous Year       |          |                     |
|--------------------------------------|---------------------|----------|---------------------|---------------------|----------|---------------------|
|                                      | Plan                | Non-Plan | Total               | Plan                | Non-Plan | Total               |
| a) Buidings                          | 69,58,733.00        | -        | 69,58,733.00        | 24,33,048.00        | -        | 24,33,048.00        |
| b) Furnitures & Fixtures             | -                   | -        | -                   | 20,97,200.00        | -        | 20,97,200.00        |
| c) Plant and Machinery               | -                   | -        | -                   | -                   | -        | -                   |
| d) Office Equipment                  | 4,20,425.00         | -        | 4,20,425.00         | 2,42,826.00         | -        | 2,42,826.00         |
| e) Computers                         | -                   | -        | -                   | -                   | -        | -                   |
| f) Laboratory & Scientific Equipment | -                   | -        | -                   | -                   | -        | -                   |
| g) Audio Visual Equipment            | -                   | -        | -                   | -                   | -        | -                   |
| h) Cleaning Materials & Services     | -                   | -        | -                   | -                   | -        | -                   |
| i) Book Binding Charges              | -                   | -        | -                   | -                   | -        | -                   |
| j) Gardening ,Beautification         | 1,01,680.00         | -        | 1,01,680.00         | 5,19,675.00         | -        | 5,19,675.00         |
| k) Estate Maintenance                | -                   | -        | -                   | -                   | -        | -                   |
| l) Vehicle                           | -                   | -        | -                   | -                   | -        | -                   |
| m) Electrical Maintanance            | 65,342.00           | -        | 65,342.00           | 11,300.00           | -        | 11,300.00           |
| <b>TOTAL</b>                         | <b>75,46,180.00</b> | -        | <b>75,46,180.00</b> | <b>53,04,049.00</b> | -        | <b>53,04,049.00</b> |

Place: Aizawl  
Date: 20.08.2024

  
**Assistant Registrar**  
 सहायक कुलसचिव  
**Assistant Registrar**  
 राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
 National Institute of Technology Mizoram

  
**Registrar-in-charge**  
 कुलसचिव/Registrar  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

  
**Director**  
 सिद्धेशक / Director  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram  
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## SCHEDULE 20 : FINANCE COSTS

Amount in Rupees

| PARTICULARS        | Current Year |          |       | Previous Year |          |       |
|--------------------|--------------|----------|-------|---------------|----------|-------|
|                    | Plan         | Non-Plan | Total | Plan          | Non-Plan | Total |
| a) Bank charges    | -            | -        | -     | -             | -        | -     |
| b) Others(Specify) | -            | -        | -     | -             | -        | -     |
| <b>TOTAL</b>       | -            | -        | -     | -             | -        | -     |

Place: Aizawl  
Date: 20.08.2024

  
**Assistant Registrar**  
 सहायक कुलसचिव  
**Assistant Registrar**  
 राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
 National Institute of Technology Mizoram

  
**Registrar-in-charge**  
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 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

  
**Director**  
 मिदेशक / Director  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

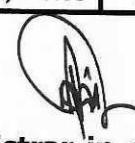
## SCHEDULE 21 : OTHER EXPENSES

Amount in Rupees

| PARTICULARS   | Current Year       |          |                    | Previous Year         |          |                       |
|---|--------------------|----------|--------------------|-----------------------|----------|-----------------------|
|   | Plan               | Non-Plan | Total              | Plan                  | Non-Plan | Total                 |
| a) Provision for bad and Doubtful Debts/Advances        | -                  | -        | -                  | -                     | -        | -                     |
| b) Irrecoverable balances written-off                   | -                  | -        | -                  | -                     | -        | -                     |
| c) Grants/Subsidies to other institutions/organisations | -                  | -        | -                  | -                     | -        | -                     |
| d) Others (Sponsored Project)                           | -                  | -        | -                  | -                     | -        | -                     |
| e) Non-TSA Expenditure                                  | -                  | -        | -                  | -                     | -        | -                     |
| i) Hospitality  | -                  | -        | -                  | 13,400.00             | -        | 13,400.00             |
| ii) Office Consumables                                  | -                  | -        | -                  | 12,288.00             | -        | 12,288.00             |
| iii) Subscriptions                                      | -                  | -        | -                  | 19,66,438.00          | -        | 19,66,438.00          |
| iv) TA/DA to External Expert                            | -                  | -        | -                  | 60,710.00             | -        | 60,710.00             |
| v) Transportation Expenses                              | -                  | -        | -                  | 23,550.00             | -        | 23,550.00             |
| f) Expenditure under Corpus                             | -                  | -        | -                  | -                     | -        | -                     |
| i) Rent   | -                  | -        | -                  | 2,25,56,212.00        | -        | 2,25,56,212.00        |
| ii) Repairs & Maintenance                               | -                  | -        | -                  | 34,85,815.00          | -        | 34,85,815.00          |
| iii) Interest Expense                                   | 5,44,016.83        | -        | 5,44,016.83        | 3,02,796.89           | -        | 3,02,796.89           |
| iv) Hiring Charges                                      | -                  | -        | -                  | 9,90,800.00           | -        | 9,90,800.00           |
| v) Printing & Stationary                                | -                  | -        | -                  | 70,000.00             | -        | 70,000.00             |
| <b>TOTAL</b>  | <b>5,44,016.83</b> | <b>-</b> | <b>5,44,016.83</b> | <b>2,94,82,009.89</b> | <b>-</b> | <b>2,94,82,009.89</b> |

Place: Aizawl  
Date: 20.08.2024

  
**Assistant Registrar**  
 सहायक कुलसचिव  
**Assistant Registrar**  
 राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
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 NIT Mizoram

  
**Director**  
 निदेशक / Director  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram  
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## SCHEDULE 22 : PRIOR PERIOD EXPENSES

| PARTICULARS                | Current Year        |          |                     | Previous Year      |          |                    | Amount in Rupees |
|----------------------------|---------------------|----------|---------------------|--------------------|----------|--------------------|------------------|
|                            | Plan                | Non-Plan | Total               | Plan               | Non-Plan | Total              |                  |
|                            | -                   | -        | -                   | -                  | -        | -                  | -                |
| 1. Establishment expenses  | -                   | -        | -                   | -                  | -        | -                  | -                |
| 2. Academic expenses       | -                   | -        | -                   | 4,16,600.00        | -        | 4,16,600.00        |                  |
| 3. Administrative expenses | -                   | -        | -                   | -                  | -        | -                  | -                |
| 4. Transportation expenses | -                   | -        | -                   | -                  | -        | -                  | -                |
| 5. Repairs & maintenance   | -                   | -        | -                   | -                  | -        | -                  | -                |
| 6. Other expenses          | 25,14,679.85        | -        | 25,14,679.85        | 2.96               | -        | 2.96               |                  |
| <b>Total</b>               | <b>25,14,679.85</b> | <b>-</b> | <b>25,14,679.85</b> | <b>4,16,602.96</b> | <b>-</b> | <b>4,16,602.96</b> |                  |

Place: Aizawl  
Date: 20.08.2024

  
**Assistant Registrar**

सहायक कुलसचिव

**Assistant Registrar**

राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
National Institute of Technology Mizoram

  
**Registrar-in-charge**

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

  
**Director**  
निदेशक / Director  
रा.प्रौ.सं. मिजोरम  
NIT Mizoram

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**NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM**  
**Receipts and Payments**  
1-Apr-23 to 31-Mar-24

| Receipts                       | 1-Apr-23 to 31-Mar-24 |              | Payments                       | 1-Apr-23 to 31-Mar-24 |                 |
|--------------------------------|-----------------------|--------------|--------------------------------|-----------------------|-----------------|
| <b>Opening Balance</b>         |                       |              | <b>Current Liabilities</b>     |                       |                 |
| Bank Accounts                  | 30,96,47,203.45       |              | EPF Remittable (Pi Thiangi)    | 10,00,000.00          | 11,61,93,782.68 |
| <b>Current Liabilities</b>     |                       |              | Income Tax/TDS                 | 9,52,607.00           |                 |
| EPF Remittable (Pi Thiangi)    | 10,00,000.00          |              | CSAB/CCMT                      | 3,92,901.00           |                 |
| Income Tax/TDS                 | 9,64,973.00           |              | DEDUCTIONS FROM EMPLOYEES      | 1,77,43,523.00        |                 |
| TDS ON GST                     | 23,99,889.00          |              | Deposit - Others               | 5,75,000.00           |                 |
| CSAB/CCMT                      | 4,92,901.00           |              | GRANT-IN-AID                   | 96,304.00             |                 |
| DEDUCTIONS FROM EMPLOYEES      | 1,92,93,714.00        |              | Other Current Liabilities      | 6,77,61,456.68        |                 |
| Deposit - Others               | 2,23,593.00           |              | Refundable Academic Receipts   | 2,47,77,065.00        |                 |
| GRANT-IN-AID                   | 46,90,00,000.00       |              | Statutory Liabilities          | 28,94,926.00          |                 |
| Other Current Liabilities      | 2,70,77,963.00        |              | <b>Fixed Assets</b>            |                       | 3,87,19,489.00  |
| Refundable Academic Receipts   | 2,34,01,344.00        |              | Institute's Assets _ Non TSA   | 81,49,756.00          |                 |
| Statutory Liabilities          | 14,60,056.00          |              | Institute's Assets _ TSA       | 3,05,69,733.00        |                 |
| <b>Current Assets</b>          |                       |              | <b>Current Assets</b>          |                       |                 |
| Advance Recovery               | 63,624.00             |              | Advance for Special Coupon     | 10,00,000.00          |                 |
| K Lalremtluanga (Advance Rent) | 13,80,000.00          |              | Advance for TSA Expenses       | 70,69,185.00          |                 |
| Pinak Mess Advance             | 15,00,000.00          |              | GST Cash Ledger 3B (Payer)     | 13,55,034.00          |                 |
| Protean Payment                | 10,47,559.00          |              | GST Cash Ledger R7             | 47,95,853.00          |                 |
| All Advances                   | 2,02,39,984.00        |              | Income Tax to Be Recovered     | 19,59,387.00          |                 |
| Investment                     | 1,34,00,000.00        |              | K Lalremtluanga (Advance Rent) | 23,00,000.00          |                 |
| Seed Money                     | 50,000.00             |              | Pinak Mess Advance             | 15,00,000.00          |                 |
| <b>Indirect Incomes</b>        |                       |              | Protean Payment                | 10,47,559.00          |                 |
| Leave Without Pay (Deduction)  | 1,31,050.00           |              | Saurav NPS Recoverable         | 6,000.00              |                 |
| Academic Receipt               | 3,95,40,720.75        |              | All Advances                   | 1,96,11,896.00        |                 |
| Interest Earned                | 99,58,723.00          |              | Seed Money                     | 2,50,000.00           |                 |
| OTHER ADMIN. RECEIPTS          | 59,290.00             |              | <b>Indirect Incomes</b>        |                       |                 |
| Other Income                   | 6,34,816.00           |              | Academic Receipt               |                       | 2,95,391.00     |
| Ependiture Under TSA           |                       |              | Other Income                   | 2,70,391.00           |                 |
|                                |                       | 19,93,804.00 |                                | 25,000.00             |                 |

|              |                        |                      |                 |                        |
|--------------|------------------------|----------------------|-----------------|------------------------|
| OH-31        | 19,93,804.00           | Ependiture Under TSA | 22,24,77,645.95 | 35,62,38,971.95        |
|              |                        | OH-31                | 13,37,61,326.00 |                        |
|              |                        | OH-36                |                 |                        |
|              |                        | Indirect Expense     |                 | 14,29,444.00           |
|              |                        | Prior Period Expense |                 |                        |
|              |                        | Closing Balance      | 14,29,444.00    |                        |
|              |                        | Bank Accounts        | 39,11,89,214.57 |                        |
| <b>Total</b> | <b>94,49,61,207.20</b> | <b>Total</b>         |                 | <b>94,49,61,207.20</b> |

Place: Aizawl  
Date: 20.08.2024

  
**Assistant Registrar**  
 सहायक कुलसचिव  
**Assistant Registrar**  
 राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
 National Institute of Technology Mizoram

  
**Registrar In-charge**  
 कुलसचिव/Registrar  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

  
**Director**  
 निदेशक/ Director  
 रा. प्रौ. सं. मिजोरम  
 NIT Mizoram

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## **SCHEDULE : 23**

### **SIGNIFICANT ACCOUNTING POLICIES**

#### **1. BASIS OF ACCOUNTS PREPARATION**

The accounts are prepared under the Historical Cost Convention unless otherwise stated and generally on the Accrual Method of Accounting.

#### **2. REVENUE RECOGNITION**

Revenue receipts on account of academic fees, registration fees, recruitment fees, hostel fees, other academic receipts, and interest on saving banks accounts are accounted on cash basis. Institute's overhead income or institutional charges from sponsored projects are recognized on final settlement of funds or on receipt basis in cases where institute's shares are not previously known. Interest on investments are accounted on accrued basis.

#### **3. FIXED ASSETS AND DEPRECIATION**

3.1 Fixed Assets are stated at cost of acquisition including inward freight, duties and taxes and incidental and direct expenses related to acquisition, installation and commissioning.

3.2 Depreciation is provided Pro-Rata basis from the day next to the procurement or day next put to use on additions during the year.

3.3 Where asset is fully depreciated, it will be carried at a residual value of Re. 1 in the Balance Sheet and will not be further depreciated.

3.4 Fixed Assets are valued at cost less accumulated depreciation. Depreciation on Fixed Assets is provided on Straight Line Method, at the following rates –

1. Land

0%

2. Installation

2%

|   |      |
|---|------|
| 3. Buildings                            | 2%   |
| 4. Roads and Bridges                    | 2%   |
| 5. Tube Wells and Water Supply          | 2%   |
| 6. Sewerage & Drainage                  | 2%   |
| 7. Electrical Instalment & Equipment    | 5%   |
| 8. Plant & Machinery                    | 5%   |
| 9. Scientific and Laboratory Equipment  | 8%   |
| 10. Office Equipment                    | 7.5% |
| 11. Audio Visual Equipment              | 7.5% |
| 12. Computers & Peripherals             | 20%  |
| 13. Furniture, Fixtures & Fittings      | 7.5% |
| 14. Vehicles                            | 10%  |
| 15. Library Books & Scientific Journals | 10%  |
| 16. Other Fixed Structures              | 10%  |

**Intangible Assets (amortization):**

|                          |         |
|--------------------------|---------|
| 1. E – Journals          | 40%     |
| 2. Computers Software    | 40%     |
| 3. Patents and Copyright | 9 years |

3.5 Assets created out of Earmarked Funds for Sponsored Projects, where the ownership of such assets vests in the institutions, are set up by credit to capital fund and merged with the Fixed Assets of the Institution. Depreciation is charged at the rates applicable to the respective assets.

4 **INTANGIBLE ASSETS:** (Patents and Copy Rights, E – Journals and computer software are grouped under Intangible Assets)

- 4.1 Electronic Journals (E – Journals) are separated from Library Books in View of the limits benefit that could be derived from the on-line excess provided. E – Journals are not in Tangible form, but temporarily capitalized and in a view of the magnitude of the expenditure and the benefit derived in terms of perpetual knowledge acquired by the Academic and Research Staff; Depreciation is provided in respect of E – Journals at a higher rate of 40% as against depreciation of 10% provided in respect of Library Books.
- 4.2 Expenditure on acquisition of Software has been separated from Computers and Peripherals, as apart from being intangible assets, the rates of obsolescence in respect of these are very high. Depreciation is provided in respect of software at a higher rate of 40% as against depreciation of 20% provided in respect of Computers and Peripherals.

5. **INVESTMENTS**

- a. Long term investments are carried at their cost or face value whichever is lower. However, any permanent diminution in their value as on the date of the Balance Sheet is provided for.
- b. Short Term investments are carried at their cost or market value (if quoted) whichever is lower.

## **6. CAPITAL/CORPUS FUNDS**

Capital / Capital Fund, from the varying nature of the fund, represents the surplus/deficit from the operational activities of the institute, being the net amount transferred from the Income & Expenditure Account. The Capital/Corpus will be added with the Assets procured/capitalized during the financial year from both the Govt. grants and sponsored project funds if ownership vests in the Institute..

## **7. GOVERNMENT AND UGC GRANT**

- 7.1 Government Grants and UGC Grants are accounted on realization basis.
- 7.2 To the extent sanctioned for capital expenditure government grants and grants from UGC are transferred to the Capital Fund.
- 7.3 Governments and UGC Grants for meeting Revenue Expenditure (on accrual basis) are treated, to the extent utilized, as income of the year in which they are realized.
- 7.4 Unutilized grants (including advances paid out of such grants) are carried forward and exhibited as a liability in the Balance sheet.
- 7.5 To the extent unutilized grant is reversed under Treasury Single Account by the Reserve Bank of India, the same amount is deducted from Grant balance.

## **8. SPONSORED PROJECTS**

- 8.1 In respect of ongoing Sponsored Projects, the amount received from sponsors are credited to the head "Current Liabilities- Sponsored Projects- receipts against ongoing sponsored projects". As and when expenditure is incurred/advances are paid against such projects, or the concerned project account is debited with the allocated overhead charges, the liability account is debited. Institutional Charges recovered from the projects are treated as the income of the Institutes and carried to the Income & Expenditure Account.
- 8.2 Assets created out of Sponsored Projects Funds, where the ownership vests with the Institution, are merged with the respective Assets heads by credit to capital funds. Depreciation is provided in the normal course.

8.3 The Institution allots the share of the Institutional charges (Income of the Institution) to Project Coordinators for incurring Capital Expenditure for Infrastructure/Laboratory Development. The Assets thus created are from the Institution Funds and are merged with the respective heads. Depreciation is provided on such assets also in the normal course.

#### 9. INCOME TAX

The income of the institution is exempt from income Tax under Sanction 10 (23C) of the Income Tax Act. No provision tax is therefore made in the accounts.

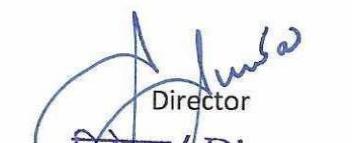
Place : Aizawl  
Date : 20.08.2024



Assistant Registrar  
सहायक कुलसचिव  
**Assistant Registrar**  
राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम  
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Registrar-in-Charge  
कुलसचिव/Registrar  
रा. प्रौ. सं. मिजोरम  
NIT Mizoram



Director  
निदेशक / Director  
रा. प्रौ. सं. मिजोरम  
NIT Mizoram

**NOTES TO ACCOUNTS**

**1. FIXED ASSETS**

- 1.0 Purchase of a Mobile Phone costing Rs.1,50,000 in FY 22-23 was inadvertently recorded as a revenue expenditure for which necessary additions to the block of assets after charging depreciation for the previous year of Rs. 52,756.85/- was executed during the year.
- 1.1 Purchase of laboratory consumables of Rs. 6,49,278/- during previous year and inadvertently recorded as a scientific & laboratory asset is removed from the block of assets during the year. No depreciation was charged in the previous year.

**2. CURRENT ASSETS, LOANS, ADVANCES AND DEPOSITS**

- 2.0 In the opinion of the Management, the current assets, Loans, Advances and Deposits have a value of realization in the ordinary course, equal at least to the aggregate amount shown in the Balance Sheet.
- 2.1 The details of balances in Saving Banks Accounts, Current Accounts and Fixed Deposits Accounts with Banks are enclosed attachment 'A' to the Schedule of Current Assets.
- 2.2 Previous year's figures have been re-grouped and re-arranged wherever found necessary.
- 2.3 Schedules 1 to 24 are annexed to and from an Integral part of the Balance Sheet at 31<sup>st</sup> March, 2023 and the Income and Expenditure Account for the year ended on that date.

**3 GRANT IN AID**

- 3.0 The Institution is liable to remit Interest earned on grants received from Ministry of Education to the Consolidated Fund of India. In compliance, the Institute has book interest earned during the year from savings account as current liabilities on a pro rata basis as such funds are pooled with other funds in savings bank account maintained with State Bank of India.
- 3.1 Unutilized Grants as on 31.03.2023 and received through TSA system (Treasury Single Account) is reversed in full by the TSA system.

#### **4 PRIOR PERIOD EXPENSE**

- 4.0 TDS on purchase of goods and services of Rs. 3,83,201/- inadvertently booked as 'Advance to Supplier' instead of revenue expenditure during the previous year is now corrected by showing the amount as a prior period expense.
- 4.1 Central record keeping charges of Rs. 2,651/- of previous year was paid during the year and accordingly recorded as a prior period expense.
- 4.2 Revenue expenses of previous year aggregating Rs. 14,26,793/- was paid during the year and accordingly recorded as a prior period expense.
- 4.3 Laboratory consumables of Rs 6,49,278/- was inadvertently recognized as a fixed asset under scientific and laboratory equipment. The error is reversed by charging income as a prior period expense.
- 4.4 Purchase of mobile phone for Director of the Institute worth Rs. 1,50,000/- was recorded as a revenue expense during the previous year. Fixed asset is now recognized and the depreciation for the previous year amounting to Rs. 52,756.85 is charged as a prior period expense.

#### **5 PRIOR PERIOD INCOME**

- 5.0 Challan payment for TDS under GST tax provisions were inadvertently booked as expense in the previous year(s) because of which Cash Ledger under the GST portal was not created. To reflect the actual balance of the cash ledger as per GST portal, a corrective entry was passed for an amount Rs 2,29,307/- and reversing the charge to revenue of prior periods as a prior period income of the period.
- 5.1 Purchase of assets booked in previous year on which depreciation of Rs 12,828.92/- was also charged to income, but purchase order ultimately cancelled in current year, is reversed by crediting to income of the depreciation charged during previous year as a prior period income.
- 5.2 Expenses for pension & LSC contribution amounting to Rs. 5,14,233/- was inadvertently booked as an outstanding expense during the previous year. To reverse the error, the same is being shown as a prior period income by reversing the expenses payable account.
- 5.3 Fees received during the previous year of an amount Rs. 55,083/- was inadvertently booked as a liability. The same is now shown as a prior period income.
- 5.4 Purchase of mobile phone for Director of the Institute worth Rs. 1,50,000/- was recorded as a revenue expense during the previous year. Fixed asset is now recognized and the charge to income is reversed as a prior period income.
- 5.5 Purchase of mobile phone for the incumbent Registrar worth Rs. 1,50,000/- was recorded as a revenue expense during the previous year. However, the said asset was acquired at the WDV during the period. As the asset is no longer held by the Institute, the WDV of the asset on the date of takeover valued at Rs. 94,719.08/- is now recognized as a prior period income.

## 6 CURRENT LIABILITIES

6.0 CPF Accrued & Earned Leaves Accrued by Prof. Saibal Chatterjee was transferred to NIT Mizoram bank account by former employer NERIST, Nirjuli after expiry of the lien period. As the accrued earnings received on behalf of Prof. Saibal Chatterjee are yet to be remitted to Contributory Provident Fund, provision is made to compensate earnings on such remittance at the rate of 7.1% on CPF Accrued and Earned leaves portion.

Place: Aizawl

Date: 20.08.2024

  
Assistant Registrar  
सहायक कुलसचिव  
**Assistant Registrar**  
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