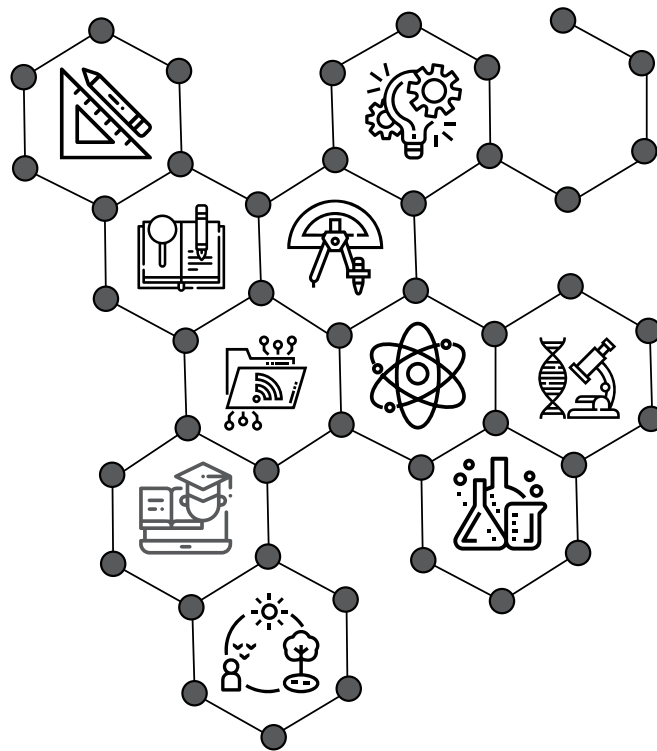


# ANNUAL REPORT

INCLUDING AUDITED ANNUAL  
ACCOUNTS OF FINANCIAL YEAR

2017-2018



NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM

# CONTENTS

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## INTRODUCTION

Vision Statement	1
Mission Statement	1
Objectives	1
Education System	1

## AN OVERVIEW

Historical Background	3
Location	3
Campus	3
Administration	4
Academic Programmes	4
Courses Offered	4
Admission Procedure	5
Students	5
Examination and Evaluation	5
Games and Sports	6

## STAFF POSITION

Academic Staff (Teaching)	7
Non-Academic Staff (Non-Teaching)	7
Staff Relieved on Resignation	8
Training Status	8

## DEPARTMENTS: ACADEMIC STAFF AND FACILITIES

Department of Electrical and Electronics Engineering	9
Department of Electronics and Communication Engineering	10
Department of Computer Science and Engineering	11
Department of Mechanical Engineering	12
Department of BS & HSS (Physics)	12
Department of BS & HSS (Chemistry)	13
Department of BS & HSS (Mathematics)	13
Department of BS & HSS (Economics & English)	13

## TEACHING PROGRAMMES

Courses Offered	14
Course Wise Enrolment By Sex and Caste	15
Admission Statistics	16
Students' Total Strength	17
Hostels	18
Scholarships/Assistantships	18
Games and Sports	20

Examination Details	20
Training and Placement	22
<b>RESEARCH AND DEVELOPMENT</b>	
Ph. D. Programmes	23
Research Projects	23
Proposed plan for Research	24
Institute-Industry Collaboration	24
<b>THE BOG</b>	
Board of Governors	25
Finance Committee	26
Building and Works Committee	26
Senate	27
<b>CONCESSION FOR SC, ST, OBC AND PHYSICALLY HANDICAPPED</b>	
Concession for Students	28
Concession for Staff	28
<b>FINANCIAL STATUS</b>	
Analysis of Plan, Non-Plan and OSC Grants	29
Sources of Fund	29
Expenditure Position	29
<b>CENTRAL FACILITIES AND SERVICES</b>	
Library	30
Workshops	30
Computer Centre	30
Laboratories	30
<b>TEQIP – III</b>	
TEQIP – III	31
<b>NOTABLE ACHIEVEMENTS</b>	
Publication in International Journals/Chapters contributed in Edited Books	33
Seminars/Conferences Organised	36
Workshops/STTP/FDP organized	37
GIAN course organized	38
Seminars/Conferences attended or participated	38
Workshops/STTP/FDP attended or participated	42
GIAN course attended	44
Sponsored Research Projects Completed	45
Sponsored Research Projects Ongoing	45
Any other achievements of the Department	47

# CHAPTER : 1

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## 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 & Electronics Engineering, Electronics & Communication Engineering, Computer Science & Engineering, etc.
- To initiate new Post Graduate (PG) programmes in Civil Engineering, Mechanical Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering, Computer Science & 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

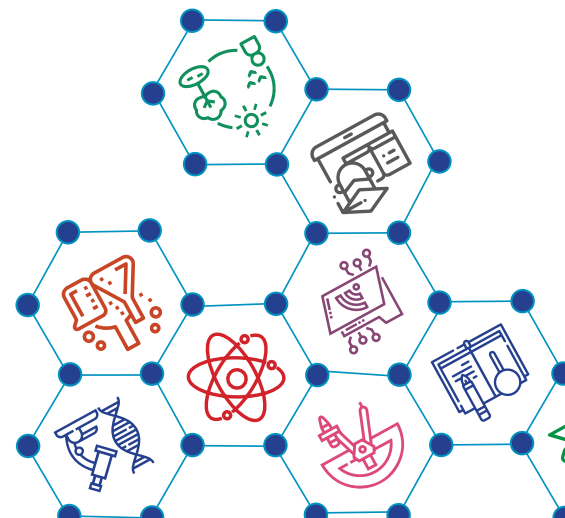
Education means overall development of an individual. An education system should attempt to provide the teaching and training of an individual in order to induce professional competence and ability, personality development, provide leadership to team work, concern for human values towards colleagues 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 5 (five) branches of engineering, viz., Electrical & Electronics Engineering, Electronics & Communication Engineering, Computer Science & Engineering, Mechanical Engineering and Civil Engineering, (b) PG courses leading to M. Tech. degree in 3 (three) branches of engineering, viz., Electrical & Electronics Engineering, Electronics & Communication Engineering and Computer Science and Engineering and (c) PG courses leading to Ph. D. degree in 5 (five) branches of engineering, viz., Electrical & Electronics Engineering, Electronics & Communication Engineering, Computer Science & Engineering, Mechanical Engineering and Civil Engineering, Physics, Chemistry, Mathematics and Humanities and Social Sciences. The Institute follows a credit based system for academic evaluation. It offers industrial training and project as a part of the education system.



69th Republic Day, 26th January, 2018



# 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 Human Resource Development, Govt. of India order no. F-23-13/2009/TS-III dated 30th 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 & Electronics Engineering, Electronics & Communication Engineering and Computer Science & Engineering.

NIT Mizoram started functioning from its Mizoram campus from July 2011. VNIT Nagpur was the mentor institute till 1st 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, 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 29° 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 hired buildings at Chaltlang, Aizawl. The permanent campus of the Institute is coming up at Lengpui, Aizawl, near airport. At present, 5 (five) buildings are on hire at Chaltlang and its vicinity for accommodating 1 (one) Administrative Block and 4 (four) 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 (BOG) headed by Chairman. The Director of the Institute is ex-officio Member of the BOG.

### 2.5 Academic Programmes

The Institute, at present, offers UG programmes leading to the degree of Bachelor of Technology (B. Tech.) in Electrical and Electronics Engineering, Electronics and Communication Engineering, Computer Science & Engineering, Mechanical Engineering and Civil Engineering and PG programmes leading to M. Tech. degree in Electrical and Electronics Engineering, Electronics

and Communication Engineering and Computer Science and Engineering. The Institute also offers PG programmes leading to Ph. D. degree in 5 (five) branches of engineering, viz., Electrical & Electronics Engineering, Electronics & Communication Engineering, Computer Science & Engineering, Mechanical Engineering and Civil Engineering and Basic Sciences and Humanities and Social Sciences (BS & HSS) (Physics, Chemistry, Mathematics, English and Economics).

## 2.6 Courses Offered

**(a) Currently the Institute offers courses in 5 (five) branches of engineering leading to B. Tech. Degree of 4 – years duration, viz.,**

- Electrical & Electronics Engineering (EEE)
- Electronics & Communication Engineering (ECE)
- Computer Science & Engineering (CSE)
- Mechanical Engineering (ME)
- Civil Engineering (CE)

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

- Electrical & Electronics Engineering (EEE)
- Electronics & Communication Engineering (ECE)
- Computer Science and Engineering (CSE)

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

- Electrical & Electronics Engineering (EEE)
- Electronics & 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).

## 2.7 Admission Procedure

The admission to 1st 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 Human Resource Development, Govt. of India.

The admission to 1st 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.

## 2.8 Students

The intake of the Institute for the B. Tech. course is, at present, 30 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 Caste (SC), Scheduled Tribe (ST), Other Backward Class (OBC) and Persons with Disability (PWD) candidates are as per Government of India norms.

## 2.9 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 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.

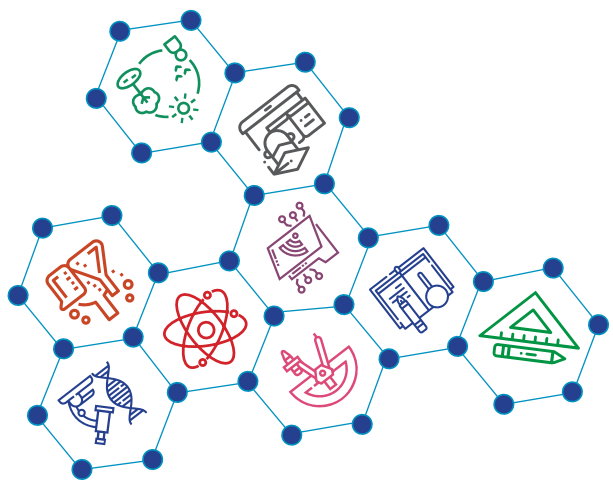
There is a continuous assessment of the students' performance throughout the semester and grades are awarded by the concerned teacher. In case of theoretical subjects, the evaluation is based on class assessment (attendance, class tests, assignments, quizzes, etc.), mid-semester examination and end-semester examination. The respective weightage for these subcomponents are as below:



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



Engineers' Day, 15th September, 2017





# CHAPTER : 3

## STAFF POSITION

### 3.1 Academic Staff (Teaching)

Sl. No.	Post	Sanctioned Strength	In Position
1.	Professor	5	Nil
2.	Associate Professor	11	Nil
3.	Assistant Professor	22	16 Regular, 7 Contractual, 12 Adhoc
4.	Trainee Teacher		05
<b>TOTAL</b>		<b>38</b>	<b>35</b>

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

Sl. No.	Post	Sanctioned Strength	In Position
1.	Registrar	1	Nil
2.	Deputy Registrar (F&A)	-	1 (Adjusted against the post of Asst. Registrar)
3.	Assistant Registrar	1	
4.	Sports Officer	1	Nil
5.	Executive Engineer	1	1
6.	Dy./Asst. Librarian	1	1
7.	Superintendent/Accountant	2	1 – O.S. 1 – Accountant (Adhoc)
8.	Technical Assistant	3	3 – Regular 6 – Adhoc
9.	Junior Engineer	1	1
10.	Stenographer	1	Nil
11.	Technician/Lab Assistant/Instructor	5	4– Regular 1 – Adhoc
12.	Nurse/Matron	1	1
13.	Junior Assistant	4	3
14.	Multi Tasking Staff	2	2
<b>TOTAL</b>		<b>24</b>	<b>26</b>

### 3.3 Staff Relieved on Resignation/Superannuation

The following Faculty/Staff members were relieved after superannuation/resignation:

Sl. No.	Name	Designation	Department	Date of Relieving
1.	Ms. Afreen Islam	TT	EEE	14/07/2017
2.	Mr. Gurinder Singh	TT	ECE	30/06/2017
3.	Ms. Th. Rajkumari Chanu	AP	ECE	14/07/2017
4.	Mr. Arunangshu Pal	AP	CSE	03/01/2018
5.	Mr. Akash Deb	AP	CE	03/01/2018
6.	Ms. Payel Das	AP	CE	01/12/2017

### 3.4 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 approved by BOG.



71st Independence Day, 15th August, 2018

## CHAPTER : 4

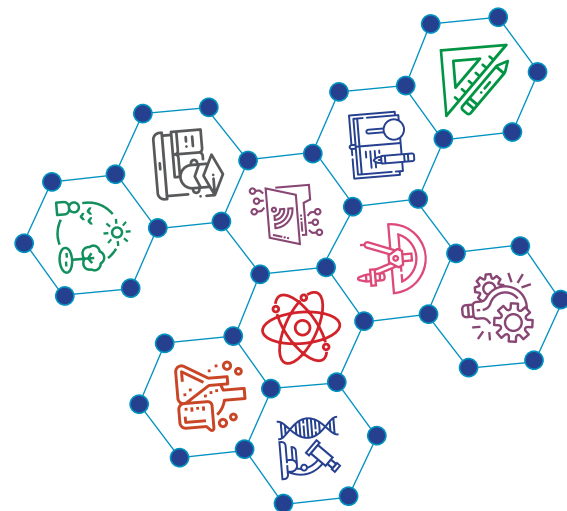
# DEPARTMENTS: ACADEMIC STAFF AND FACILITIES

### 4.1 Department of Electrical and Electronics Engineering

Designation	Name	Qualifications
Professor	-	-
Associate Professor	-	-
Assistant Professor (Regular)	Dr. Pabitra Kumar Biswas	Ph. D.
Assistant Professor (Contractual)	Mr. Suman Majumder	M. Tech
	Ms. Krishnarti De	M. Tech
	Mr. Ramesh Kumar	M. Tech
	Mr. Anagha Bhattacharya	M. Tech
Assistant Professor (Adhoc)	Mr. Sukanta Debnath	M. Tech
	Ms. Upama Das	M. Tech

#### 4.1.1 Laboratories/Workshops

- Basic Electrical Engineering Lab
- Electrical & Electronics Measurement lab
- Electrical Machines Lab
- Power Electronics and Drives Lab
- Control Systems Lab
- Power System Simulation Lab
- Instrumentation Lab
- Switch Gear and Protection Lab



## 4.2 Department of Electronics and Communication Engineering

Designation	Name	Qualifications
Professor	-	-
Associate Professor	-	-
Assistant Professor (Regular)	Dr. Rudra Sankar Dhar	Ph. D.
	Dr. Chaitali Koley	Ph. D.
Assistant Professor (Contractual)	Mr. Anumoy Ghosh	M. Tech
Assistant Professor (Adhoc)	Mr. Pragati Singh	M. Tech
	Ms. Shingmila Hungyo	M. Tech
	Ms. Remika Ngangbam	M. Tech
Trainee Teacher	Mr. Susanta Borodoloi	M. Tech.

### 4.2.1 Laboratories/Workshops

- a. Digital Circuits Lab
- b. Analog Circuits Lab
- c. Microprocessors & Microcontrollers Lab
- d. Analog Communication Lab
- e. Digital Communication Lab
- f. DSP Lab
- g. VLSI Lab
- h. Embedded Systems Lab

## 4.3 Department of Computer Science and Engineering

Designation	Name	Qualifications
Professor	-	-
Associate Professor	-	-
Assistant Professor (Regular)	Dr. Partha Pakray	Ph. D.
Assistant Professor (Contractual)	Ms. Ranjita Das	M. Tech
	Mr. Sandeep Kumar Dash	M. Tech
Assistant Professor (Adhoc)	Mr. Goutam Majumder	M. Tech
	Ms. Dipanwita Debnath	M. Tech.
	Mr. Amit Chakraborty	M. Tech.
Trainee Teacher	Mr. Lenin Laitonjam	M. Tech.

### 4.3.1 Laboratories/Workshops

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



## 4.6 Department of BS & HSS (Physics)

Designation	Name	Qualifications
Professor	-	-
Associate Professor	-	-
Assistant Professor (Regular)	Dr. Alok Shukla	Ph. D.

### 4.6.1 Laboratories/Workshops

- a. Physics Lab.

## 4.7 Department of BS & HSS (Chemistry)

Designation	Name	Qualifications
Professor	-	-
Associate Professor	-	-
Assistant Professor (Regular)	Dr. P. Ajmal Koya	Ph. D.

### 4.7.1 Laboratories/Workshops

- a. Chemistry Lab.

## 4.8 Department of BS & HSS (Mathematics)

Designation	Name	Qualifications
Professor	-	-
Associate Professor	-	-
Assistant Professor (Regular)	Dr. Vinay Singh	Ph. D.
	Dr. Surender Ontela	Ph. D.

## 4.9 Department of BS & HSS (Economics and English)

Designation	Name	Qualifications
Professor	-	-
Associate Professor	-	-
Assistant Professor (Regular)	Dr. Konthoujam Gyanendra Singh	Ph. D.
	Dr. Shuchi	Ph. D.

### 4.9.1 Laboratories/Workshops

- a. Language Lab.



# CHAPTER : 5

## TEACHING PROGRAMMES

### 5.1 Courses Offered

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

- Electrical & Electronics Engineering (EEE)
- Electronics & Communication Engineering (ECE)
- Computer Science & Engineering (CSE)
- Mechanical Engineering (ME)
- Civil Engineering (CE)

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

- Electrical & Electronics Engineering (EEE)
- Electronics & Communication Engineering (ECE)
- Computer Science & Engineering (CSE)

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

- 11 Electrical & Electronics Engineering (EEE)
- 12 Electronics & Communication Engineering (ECE)
- 13 Computer Science & Engineering (CSE)
- 14 Mechanical Engineering (ME)
- Civil Engineering (CE)
- Basic Sciences and Humanities and Social Sciences (BS & HSS) (Physics, Chemistry, Mathematics, English and Economics).

### 5.2 Course Wise Enrolment by Sex and Category

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

Semester (Batch)	Branch	Open		OBC		SC		ST		PWD		Total
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
1st & 2nd (2017 Batch)	CE	05	-	06	-	04	01	10	-	-	-	26
	CSE	06	02	07	01	06	-	02	01	-	-	25
	ECE	11	-	06	01	02	01	01	-	01	-	23
	EEE	02	-	12	-	04	-	02	02	-	-	22
	ME	09	-	05	01	04	-	01	-	-	-	20
<b>Sub-Total</b>		<b>33</b>	<b>02</b>	<b>36</b>	<b>03</b>	<b>20</b>	<b>02</b>	<b>16</b>	<b>03</b>	<b>01</b>	<b>-</b>	<b>116</b>

Semester (Batch)	Branch	Open		OBC		SC		ST		PWD		Total
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
3rd & 4th (2016 Batch)	CE	03	01	03	-	02	-	02	04	-	-	15
	CSE	05	-	03	01	02	-	04	-	-	-	15
	ECE	04	01	03	-	02	-	-	-	01	-	11
	EEE	02	01	02	-	02	-	03	01	-	-	11
	ME	04	-	03	01	02	-	03	-	-	-	13
<b>Sub-Total</b>		<b>18</b>	<b>03</b>	<b>14</b>	<b>02</b>	<b>10</b>	<b>-</b>	<b>12</b>	<b>05</b>	<b>01</b>	<b>-</b>	<b>65</b>
5th & 6th (2015 Batch)	CE	04	01	08	-	05	-	09	02	-	-	29
	CSE	05	02	05	01	02	-	01	-	-	-	16
	ECE	03	-	05	03	02	01	02	-	01	-	17
	EEE	02	-	02	-	02	-	02	-	-	-	08
	ME	05	01	04	-	03	-	03	-	-	-	16
<b>Sub-Total</b>		<b>19</b>	<b>04</b>	<b>24</b>	<b>04</b>	<b>14</b>	<b>01</b>	<b>17</b>	<b>02</b>	<b>01</b>	<b>-</b>	<b>86</b>
7th & 8th (2014 Batch)	CE	05	-	06	-	01	-	02	-	-	-	14
	CSE	05	-	05	-	02	-	01	-	-	-	13
	ECE	05	01	05	-	01	-	01	-	01	-	14
	EEE	02	-	06	-	03	-	02	-	-	-	13
	ME	05	-	09	-	04	-	02	-	-	-	20
<b>Sub-Total</b>		<b>22</b>	<b>01</b>	<b>31</b>	<b>-</b>	<b>11</b>	<b>-</b>	<b>08</b>	<b>-</b>	<b>01</b>	<b>-</b>	<b>74</b>
2013 Batch	CSE	08	-	03	-	03	-	01	-	-	-	15
	ECE	06	04	03	-	02	-	01	-	-	-	16
	EEE	08	-	04	-	02	-	02	-	-	-	16
	ME	07	-	04	-	02	-	01	-	-	-	14
<b>Sub-Total</b>		<b>29</b>	<b>04</b>	<b>14</b>	<b>-</b>	<b>09</b>	<b>-</b>	<b>05</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>61</b>
2012 Batch	CSE	07	-	03	-	03	02	02	-	-	-	17
	ECE	04	-	07	-	01	02	02	-	01	-	17
	EEE	04	01	06	-	02	02	02	-	01	-	18
<b>Sub-Total</b>		<b>15</b>	<b>01</b>	<b>16</b>	<b>-</b>	<b>06</b>	<b>06</b>	<b>06</b>	<b>-</b>	<b>02</b>	<b>-</b>	<b>52</b>
2011 Batch	CSE	06	-	02	-	03	-	01	-	-	-	12
	ECE	07	-	04	01	02	01	01	-	01	-	17
	EEE	07	01	06	-	03	-	02	-	01	-	20
<b>Sub-Total</b>		<b>20</b>	<b>01</b>	<b>12</b>	<b>01</b>	<b>08</b>	<b>01</b>	<b>04</b>	<b>-</b>	<b>02</b>	<b>-</b>	<b>49</b>
2010 Batch	CSE	05	02	05	-	03	01	02	02	01	-	21
	ECE	09	02	05	01	01	-	03	01	-	-	22
	EEE	07	01	07	-	01	01	02	01	-	-	20
<b>Sub-Total</b>		<b>21</b>	<b>05</b>	<b>17</b>	<b>01</b>	<b>05</b>	<b>02</b>	<b>07</b>	<b>04</b>	<b>01</b>	<b>-</b>	<b>63</b>
<b>Grand Total</b>		<b>177</b>	<b>21</b>	<b>164</b>	<b>11</b>	<b>83</b>	<b>12</b>	<b>75</b>	<b>14</b>	<b>09</b>	<b>-</b>	<b>566</b>

## 5.3 Admission Statistics

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

Sl. No.	Branch	No. of Students (UG)
1.	CSE	134
2.	ECE	137
3.	EEE	128
4.	ME	83
5.	CE	84
	<b>TOTAL</b>	<b>566</b>

The M. Tech. and Ph. D. course wise total enrolment of the students in NIT Mizoram till date is given below:

M. Tech			
Deptt.	Female	Male	Total
CSE	2	1	3
ECE	0	8	8
EEE	2	7	9
ME	0	0	0
Total	4	16	20

Ph. D.			
Deptt.	Female	Male	Total
BS & HSS	6	11	17
CE	1	2	3
CSE	3	3	6
ECE	3	5	8
EEE	2	4	6
ME	0	17	17
<b>TOTAL</b>	<b>15</b>	<b>42</b>	<b>57</b>

The state wise enrolment of B. Tech. students in NIT Mizoram is given below:

Sl. No.	State	Batch								Total
		2010	2011	2012	2013	2014	2015	2016	2017	
1.	Mizoram	27	15	15	10	11	36	33	37	184
2.	Uttar Pradesh	11	07	8	11	07	14	07	25	90
3.	Maharashtra	08	-	01	01	-	-	02	03	15
4.	Rajasthan	06	07	04	04	11	04	03	06	45
5.	Jharkhand	01	-	01	04	02	02	01	-	11
6.	Delhi	02	01	01	-	02	01	-	-	07
7.	Bihar	04	18	17	18	31	19	10	23	140

Sl. No.	State	Batch								Total
		2010	2011	2012	2013	2014	2015	2016	2017	
8.	Andhra Pradesh	04	-	03	09	08	05	03	11	43
9.	Chhattisgarh	-	01	-	02	-	-	-	02	05
10.	Tamil Nadu	-	-	01	-	-	-	-	-	01
11.	Madhya Pradesh	-	-	01	01	-	-	-	-	02
12.	West Bengal	-	-	-	01	-	-	-	01	02
13.	Haryana	-	-	-	-	02	-	01	-	03
14.	Uttarakhand	-	-	-	-	-	01	01	-	02
15.	Assam	-	-	-	-	-	01	-	01	02
16.	Telangana	-	-	-	-	-	03	03	04	10
17.	Gujarat	-	-	-	-	-	-	01	-	01
18.	Jammu & Kashmir	-	-	-	-	-	-	-	01	01
19.	Kerala	-	-	-	-	-	-	-	01	01
20.	Odisha	-	-	-	-	-	-	-	01	01
	<b>TOTAL</b>	<b>63</b>	<b>49</b>	<b>52</b>	<b>61</b>	<b>74</b>	<b>86</b>	<b>65</b>	<b>116</b>	<b>566</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 (2017)	116
2.	Second year (2016)	65
3.	Third year (2015)	86
4.	Fourth year (2014)	74
5.	2013 Batch	61
6.	2012 Batch	52
7.	2011 Batch	49
8.	2010 Batch	63
	<b>TOTAL</b>	<b>566</b>

## 5.5 Hostels

At present there are 3 (three) boys hostel and 1 (one) girls hostel which accommodate approximately 250 students (230 boys and 20 girls). The Hostels are

located at Tanhril and Durtlang, which are about 10 – 15 kms. away from the academic buildings. The Institute has hired 7 (seven) 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. The details are given below:

Sl. No.	Name of the Student	Name of the Agency	Amount of Scholarship (Rs.)
1.	ATUL GAUTAM	MINISTRY OF SOCIAL JUSTICE AND EMPOWERMENT	151,490.00
2.	PRADEEP KUMAR		151,490.00
3.	MEKALA VINAY		151,490.00
4.	KRISHNA KR. BHARGAV		151,490.00
5.	AJUPA DAS		124,850.00
6.	SOURAV KUMAR MAJI		124,850.00
7.	PAPU BHAGAT		151,490.00
8.	PANGKU BHAGAT		151,490.00
9.	VINAY KR. SHAKYAWAR		124,850.00
10.	AMAR KUMAR SAFI		151,490.00
11.	GOVINDA NAMO SUDRO		151,490.00
12.	GAURAB SINGH		124,850.00
13.	RAJESH PRAKASH	MINISTRY OF SOCIAL JUSTICE AND EMPOWERMENT	105,990.00
14.	RAJU KUMAR		105,990.00
15.	SANJEEV KUMAR		105,990.00
16.	BISHAL DAS		79,350.00
17.	RAVINDRA KUMAR		70,990.00
18.	ABHILEKH RAAJ		70,990.00
19.	PUNEET KUMAR MAHAWAR		70,990.00
20.	ROHIT KUMAR		70,990.00
21.	RAHUL KUMAR KANNAUJIYA		70,990.00
22.	KABITA DAS		44,350.00
23.	SAURABH SINGH		44,350.00
24.	GAUTAM NOMO SUDRO		70,990.00
25.	RAVINDRA KUMAR		70,990.00
26.	ABHILEKH RAAJ		70,990.00
27.	PUNEET KUMAR MAHAWAR	70,990.00	
28.	ROHIT KUMAR	70,990.00	
29.	RAHUL KUMAR KANNAUJIYA	MINISTRY OF SOCIAL JUSTICE AND EMPOWERMENT	70,990.00
30.	KABITA DAS		44,350.00
31.	SAURABH SINGH		44,350.00
32.	GAUTAM NOMO SUDRO		70,990.00
33.	LALMANI PASWAN		70,990.00
34.	SATEESH KUMAR KANNAUJIYA		70,990.00
35.	KUKADE SUYOG GIRDHARAO		70,990.00
36.	PRASHANT LAWHATRE		44,650.00

Sl. No.	Name of the Student	Name of the Agency	Amount of Scholarship (Rs.)
37.	SABITA RANI DAS	MINISTRY OF SOCIAL JUSTICE AND EMPOWERMENT	44,650.00
38.	KUMARI DALESWARI		71,290.00
39.	BIKRAM DAS		44,650.00
40.	PANCHALI DAS		71,290.00
41.	HOSILA PRASAD		71,290.00
42.	KUMARI KAMINI		44,650.00
43.	NIKHIL RAO	MINISTRY OF TRIBAL AFFAIRS SCHOLARSHIP DIVISION	71,290.00
44.	AMIT RAJ KAJI		70,750.00
45.	K. MANGCHUNGNUNGA		70,750.00
46.	VANLALNGHAK		70,750.00
47.	PAWAN KUMAR		105,750.00
48.	JOSEPH VENLALPEKA		105,750.00
49.	VANLALNUNPUIA ROYTE		105,750.00
50.	SUNDAY LALBIAKNIA		105,750.00
51.	BISHU KOL		6,850.00
52.	ANDREW ZODINTHAN GABAWITLUNG		6,850.00
53.	MALSAWMDAWNZELI		20,000.00
54.	LALRUATKIMA		MINISTRY OF TRIBAL AFFAIRS SCHOLARSHIP DIVISION
55.	ANDY LIANSANGLAWMA	35,400.00	
56.	LALRUATSANGA	35,400.00	
57.	LALROHLUA	35,400.00	
58.	VANLALHRIATA	35,400.00	
59.	RUPANTAR CHAKMA	35,400.00	
60.	LALREMPUII CHHAKCHHUAK	35,400.00	
61.	H LALBIAKHLUA	35,400.00	
62.	VANLALNGILNEIHA	35,400.00	
63.	BHUKYA NAVEEN	35,400.00	
64.	ANINDYA CHAKMA	35,400.00	
65.	LALDINENGA	35,400.00	
66.	MARIA LALNUNPUUI	35,400.00	

## 5.7 Games and Sports

Every year the Institute organises games and sports under the banner 'Shaurya'. The following matches took place during the academic session:

- Cricket
- Football
- Table Tennis

- Volleyball
- Carom
- Chess
- Sprint/Race

Among the computer games, Need for Speed and Counter Strike was organised within the hostel premises among the students.



Beside games and sports the Institute also organises Cultural and Technical 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 are 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 Examination:

Combined Report of EVEN EXAM 2017-18 (Regular/Re-Exam) from Overall Batches and Semesters						
Sl. No.	Deptt.	Semester	Total No. of Students	Total Pass Students After Re-Exam	Total Students Fail	Pass %
1.	CSE	2nd	30	23	7	76.67
		4th	14	12	2	85.71
		6th	13	13	0	100.00
		8th	13	12	1	92.31
2.	EEE	2nd	25	18	7	72.00
		4th	12	11	1	91.67
		6th	11	9	2	81.82
		8th	15	15	0	100.00
3.	ECE	2nd	25	20	5	80.00
		4th	14	10	4	71.43
		6th	23	20	3	86.96
		8th	12	12	0	100.00
4.	ME	2nd	23	14	9	60.87
		4th	14	14	0	100.00
		6th	16	16	0	100.00
		8th	19	19	0	100.00
5.	CE	2nd	34	14	20	41.18
		4th	23	23	0	100.00
		6th	31	30	1	96.77
		8th	11	11	0	100.00

## 5.9 Training and Placement

It is mandatory for the students of NIT Mizoram to undergo industrial training after their 5th semester. The Training and Placement section of the Institute arranges for such training and the students are sent to various firms/industries. Some of the names of the firms/industries where the Students were sent are NDPL Corporate Office, New Delhi; Steel Authority of India Limited, Jharkhand; Jindal, New Delhi; Defence and Development Organisation, Hyderabad; Bharat Heavy Electricals Limited, Noida and Bhopal; Oil India Limited, Duliajan; Indian Institute of Technology

Guwahati; National Institute of Technology Silchar; National Institute of Electronics and Information Technology, Aizawl.

The placement cell of the Institute is very active. The campus recruitment of the first batch of students of the Institute (2010) has been very promising. The overall picture is given in the table below. The companies of the recruitment include Tech Mahindra, Infosys, TCS, L&T Construction, IBM, NSE, HP, Wipro, Nile Stream, Bespoke, Polaris Financial Technology, Reinspire Tech, KEC International, CGI, Intellect Design, SKF Bearing, Mphasis, BPCL, Johnson Control, Vedanta, Virtusa, etc.

Total No. of Students	Total Eligible Students	Total Students Placed	Average Salary Per Annum
63 (2010 batch)	45	34	Rs. 3.2 Lakhs
49 (2011 batch)	27	21	Rs. 4.5 Lakhs
52 (2012 batch)	31	17	Rs. 3.5 Lakhs
62 (2013 batch)	40	19	Rs. 3.90 Lakhs
65 (2014 batch)	42	23	Rs. 6.62 Lakhs

This year one student, Mr. Saurav Saha from CSE department was placed in a PSU, viz., BPCL with a record breaking package of Rs. 17.30 Lakhs per annum



Workshop on Start-up and Innovation, 28th October, 2017

# CHAPTER : 6

## RESEARCH AND DEVELOPMENT

### 6.1 Ph. D. Programmes

NIT Mizoram has started Ph. D. Programme in the departments of Computer science and Engineering, Electrical and Electronics Engineering, Physics, Chemistry and Humanities and Social Sciences. It proposes to start the programme in other departments of Engineering from the next academic session.

### 6.2 Research Projects

#### Research projects details of the Institute:

Sl. No.	Name of the Research Project	Department	Funding Agency	Amount (Rs.)
1.	Economic Valuation of Loktak Lake for Sustainable Use (PI: Dr. K. Gyanendra Singh)	Humanities and Social Sciences	Indian Council of Social Science Research (ICSSR), New Delhi	6,00,000.00
2.	Physicochemical Properties of Amphiphilic Drugs: Effects of Addition of Organic Solvents (PI: Dr. P. Ajmal Koya)	Chemistry	DST-SERB, Govt. of India	22,98,000.00
3.	Design, Synthesis and invitro DNA Binding Studies of Novel Peptide Derivatives and their Metal Complexes (PI: Dr. A. Jamsheera)	Chemistry	DST-SERB, Govt. of India	32,65,000.00
4.	An Application of Textual Entailment and Semantic Similarity in Scientific Document Retrieval System (PI: Dr. Partha Pakray)	CSE	DST-SERB, Govt. of India	18,31,000.00
5.	Textual Instructions to Virtual Action (PI: Dr. Partha Pakray)	CSE	DST-DAAD	18,90,000.00
6.	Special Manpower development programme for Chips to System Design (PI: Chaitali Koley)	ECE	MeitY	1,00,00,000.00
7.	Analysis, Design and Control of Active Magnetic Bearing for High Speed Application (Dr. Pabitra Kumar Biswas)	EEE	DST-SERB, Govt. of India	15,72,800.00
8.	Technology Gap Analysis Study for the (i) Baktawng Wood Carpentry Cluster, Mizoram, (ii) Bairabi Bamboo Cluster, Mizoram, and (iii) Seling Bamboo Cluster, Mizoram (PI: Dr. Bidesh Roy)	ME	TIFAC	10,45,000.00

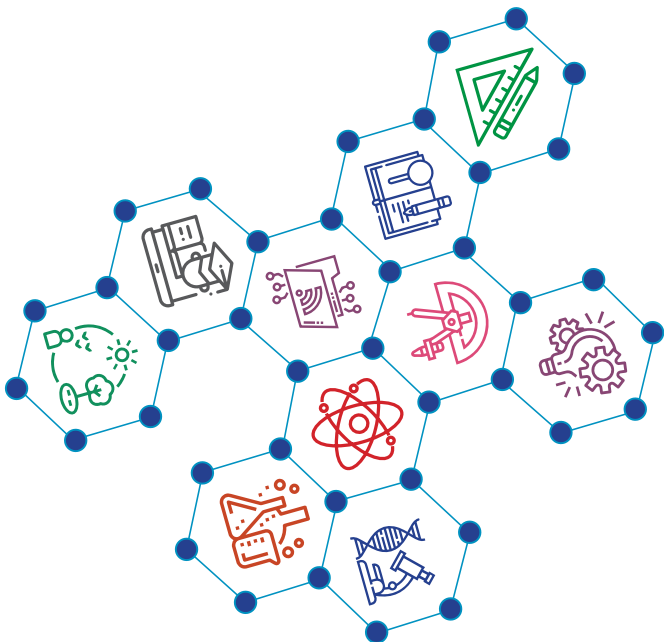
Sl. No.	Name of the Research Project	Department	Funding Agency	Amount (Rs.)
9.	Numerical modeling, simulations and experimental investigations to improve the surface tribological properties of Ti-6Al-4V through developing wire electrical discharge alloying (PI: Dr. Basil Kuriachen)	ME	DST-SERB, Govt. of India	22,94,600.00
10.	Development of Bi-based nano sized electronic materials for multiferroic applications (PI: Dr. Alok Shukla)	Physics	DST-SERB, Govt. of India	38,82,560.00
11.	On recent problems on optimization and Its applications (Dr. Vinay Singh)	Mathematics	DST-SERB, Govt. of India	15,86,300.00

### 6.3 Proposed Plan for Research

In order to enhance research activity each faculty member is requested to propose their research plan in their field of specialisations and interests.

### 6.4 Institute-Industry Collaboration

The aim of Institute-Industry collaboration is to orient the academic programmes towards providing trained human resource to industry needs through meaningful and practical education to the students. The Institute is in the process of exploring the linkages and interaction with industries, other institutes of repute and R & D laboratories, etc.



# CHAPTER : 7

## THE COUNCIL AND BOG

### 7.1 Board of Governors

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

Sl. No.	Name and Designation	Will serve as
1.	Prof. Rajat Gupta, Director, NIT Mizoram	Chairperson
2.	Prof. Rajat Gupta, Director, NIT Mizoram	Member (Ex-Officio)
3.	Additional Secretary or Joint Secretary (Technical) Department of Higher Education Ministry of Human Resource Development, Govt. of India	Member
4.	Financial Advisor Department of Higher Education, Ministry of Human Resource Development, Govt. of India	Member
5.	Mr. Manoj Saraf Managing Director, M/s Brahmaputra Udyog Pvt. Ltd., Guwahati, Assam	Member
6.	Er. Vanlallianzuala, Chief Engineer (Retd.) Khatla South, Aizawl, Mizoram	Member
7.	Prof. Gopal Das Dean (R & D), IIT Guwahati	Member
8.	Dr. P. K. Ray Professor, Department of Industrial & System Engg., IIT Kharagpur	Member
9.	Prof. Memcha Loitongbam Director, Manipur Institute of Management Studies, Manipur University, Imphal	
10.	Dr. K. Gyanendra Singh Assistant Professor, Department of HSS, NIT Mizoram	Member
11.	Registrar, NIT Mizoram	Secretary

### 7.2 Finance Committee

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

Sl. No.	Name and Designation	Will serve as
1.	Prof. Rajat Gupta, Director, NIT Mizoram	Chairman & Member (Ex-Officio)
2.	Joint Secretary or his nominee Deptt. of Higher Education, MHRD, Govt. of India	Member
3.	Financial Advisor or his nominee Department of Higher Education, MHRD, Govt. of India	Member
4.	Dr. P. K. Ray, Professor Department of Industrial & System Engg., IIT Kharagpur	Member

## 7.3 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. Rajat Gupta, Director, NIT Mizoram	Chairman & Member, (Ex-Officio)
2.	Director (TE) Deptt. of Higher Education, MHRD, Gol	Member
3.	Director (IFD), Deptt. of Higher Education, MHRD, Gol	Member
4.	Prof. Anjan Dutta, Professor, Department of Civil Engineering, IIT Guwahati	Member, (BOG Nominee)
5.	Prof. P. S. Choudhury Department of Civil Engineering, NIT Silchar	Member, (BOG Nominee)
6.	Dr. J. H. Ansari, Former Director, SPA, New Delhi	Member (BOG Nominee)
7.	Shri C. H. Lalnunchama, Executive Engineer (Electrical), PWD, Govt. of Mizoram	Member

## 7.4 Senate

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

Sl. No.	Name and Designation	Will serve as
1.	Prof. Rajat Gupta, Director, NIT Mizoram	Ex-Officio Chairman
2.	Prof. Shambhu Sharan Deptt. of Mechanical Engineering, NIT Jamshedpur	Member
3.	Prof. A. T. Khan, Deptt. Of Chemistry, IIT Guwahati	Member
4.	Prof. Chitralekha Mahanta Department of Electronics & Electrical Engineering, IIT Guwahati	Member
5.	Mr. M. R. Ganesan Ex – Executive Director, BHEL Chennai	Member
6.	Prof. S. Dandapat Department of Electronics & Electrical Engineering, IIT Guwahati	Member
7.	Prof. Sukumar Nandi Department of Computer Science & Engineering, IIT Guwahati	Member
8.	Prof. Nidul Sinha Department of Electrical Engineering, NIT Silchar	Member
9.	Prof. Siddhartha Mukhopadhyay Department of Electrical Engineering, IIT Kharagpur	Member
10.	Prof. Lianzela Department of Economics, Mizoram University	Member
11.	Prof. D. K. Mondal Metallurgical and Materials Engineering, NIT Durgapur	Member



## CHAPTER : 8

# CONCESSION FOR SC, ST, OBC AND PERSONS WITH DISABILITY

### 8.1 Concession for Students

Admission to 1st year of B. Tech. Course is made through JEE Main conducted by CSAB and reservation of seats for SC, ST, OBC and Physically Handicapped

(PH) category of candidates is followed as per the guidelines framed by Ministry of Human Resource Development, Govt. of India, Department of Higher Education.

The reservation of seats is as follows:

Course	Type of Concessions	Category of Students	Magnitude
B. Tech.	Reservation at admission stage	SC	15 %
		ST	7.5 %
		OBC	27 %
		PWD	3 %

### 8.2 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.



4th International Yoga Day, 21st June, 2018

# CHAPTER : 9

## FINANCIAL STATUS

### 9.1 Analysis of Plan, Non-Plan and OSC Grants

(Figures in Rs. Lakhs)

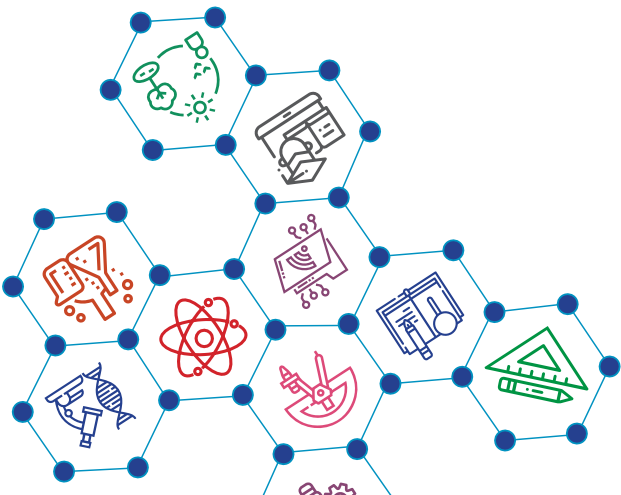
Sl. No.	Year	Grants-in-aid from MHRD, Govt. of India				IRG	Total
		Plan	Non-plan	Plan (OSC)			
				Recurring	Non-recurring		
1.	2009-10	140.00	-	140.00	-	-	140.00
2.	2010-11	250.00	-	-	250.00	21.75	271.75
3.	2011-12	500.00	-	500.00	-	76.76	576.76
4.	2012-13	1500.00	-	1100.00	400.00	148.23	1648.23
5.	2013-14	1500.00	-	200.00	1300.00	316.24	1816.24
6.	2014-15	5300.00	-	897.32	4402.68	381.57	5681.57
7.	2015-16	6594.65	-	830.40	5764.25	561.93	7156.58
8.	2016-17	5500.00	-	413.00	5087.00	579.85	6079.85
9.	2017-18	7316.00	-	2600.00	4716.00	1826.26	9142.26
<b>TOTAL</b>		<b>28600.65</b>	<b>-</b>	<b>6680.72</b>	<b>21919.93</b>	<b>3912.59</b>	<b>32513.24</b>

### 9.2 Sources of Fund

The Ministry of Human Resource Development, Government of India is source for providing funds to this Institute.

### 9.3 Expenditure Position

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



## CHAPTER : 8

# CENTRAL FACILITIES AND SERVICES

### 10.1 Library

The Institute has a central library which approximately consists of 11,200 books. Out of this about 10,400 books belong to general textbooks for use in regular classes and about 800 books are for reference section. The Institute has further sent orders for acquisition of about 2000 books to meet the requirements of the coming semesters. Apart from this, the Library also has 5438 titles of E – books from Elsevier, Tata McGraw, Springer belonging to various departments of the Institute. Besides a good number of journals like IEEE-IEL Growth Plan, Springer Nature and JSTOR, reports, magazines and national and regional newspapers are stacked in the Institute Library.

### 10.2 Workshops

The Institute has one central workshop with good number of machines and instruments. The various

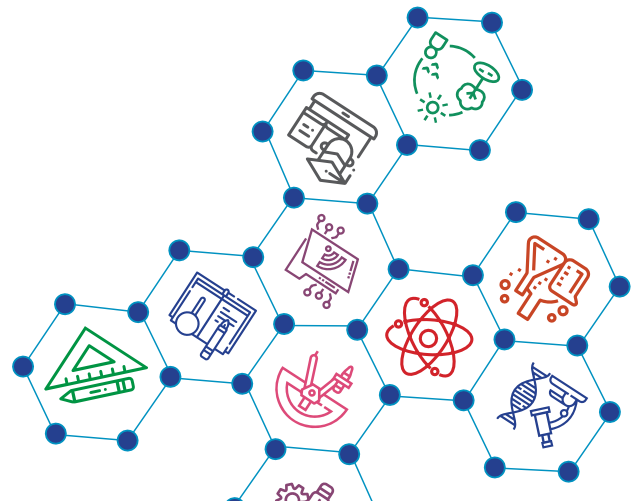
shops available are Carpentry, Fitting, Welding and Machine shop.

### 10.3 Internet Service

The Institute buildings are well connected with both wired and wireless internet connection. The Institute has 1 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 2 Mbps leased line internet connection from BSNL as redundant connectivity. As a whole the institute is connected and properly networked via cisco router and switches.

### 10.4 Laboratories

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



# CHAPTER : 11

## TECHNICAL QUALITY IMPROVEMENT PROGRAMME (TEQIP)

### 11.1 TEQIP

Technical Education Quality Improvement Programme (TEQIP) was envisaged as a long-term programme for transformation of the Technical Education System with the World Bank assistance. The goal of the Programme is to scale-up and improve quality of Technical Education and enhance existing capacities of the institutions to become dynamic, demand-driven, quality conscious, efficient and forward looking, responsive to rapid economic and technological developments occurring at the

National and International levels. It has a clear focus on the objective of improving the overall quality of Engineering Education. National Institute of Technology Mizoram has been selected for TEQIP – III under Subcomponent 1.1 with objectives to bridge the gap of the Institutions in the Central, Eastern and North Eastern Region and hill states with specific interventions. Under TEQIP Phase III, Sub-Component 1.1 (For strengthening institutions to improve learning outcomes and employability of graduates) IIT Kharagpur and IIT Guwahati are the mentor institutes of NIT Mizoram.

- **Project Duration** : **3 years (April, 2017 to March, 2020)**
- **Total Sanction Amount** : **Rs. 15 crore (Procurement: 9 crore, Academic: 4.5 crore, Operating Cost: 1.5 crore)**
- **Utilized Amount** : **Rs. 1,62,60,786.00 (upto March, 2018)**

Sl. No.	Name of the Learning resources	Procurement Status	Subscription rate (in Rs.)
1.	IEEE-IEL Growth Plan	Procured	30,83,308.00
2.	Springer Links (1400 + Journals)	Procured	11,70,045.00
3.	Springer e-books	Procured	60,59,466.00
4.	Jstor e-journal	Procured	3,10,555.00
<b>TOTAL</b>			<b>1,06,23,374.00</b>

Under TEQIP – III, NIT Mizoram was able to conduct around 10 FDPs/STTPs/Workshops, etc. It offered scholarship to Ph.

D. scholars, sponsored students and faculty members to participate in conferences/workshops/FDPs/.





Various activities under TEQIP – III

## CHAPTER : 12

## NOTABLE ACHIEVEMENTS

## 12.1 Publication in International Journals

Department of Computer Science & Engg.							
Name of the Faculty	Title of the Paper	Journal	Vol.	No.	Year	Page Nos.	ISSN/doi
Dr. Ranjita Das	Aggregation of multi-objective fuzzy symmetry-based clustering techniques for improving gene and cancer classification	Soft Computing	22	18	2017	5935–5954	<a href="https://doi.org/10.1007/s00500-017-2865-3">https://doi.org/10.1007/s00500-017-2865-3</a>
Department of Electronics & Communication Engg.							
Name of the Faculty	Title of the Paper	Journal	Vol.	No.	Year	Page Nos.	ISSN/doi
Dr. Anumoy Ghosh	Gain enhancement of triple-band patch antenna by using triple-band artificial magnetic conductor	IET Microwaves, Antennas & Propagation	12	8	2018	1400-1406	<a href="https://doi.org/10.1049/iet-map.2017.0815">doi:10.1049/iet-map.2017.0815</a>
	Ultrawideband printed monopole antenna with single electromagnetic bandgap inspired structure for triple band notch characteristics	Radioengineering			2017 (Accepted)		
Dr. Chaitali Koley	Hardware implementation of adaptive feedback based reversible image watermarking for image processing application	Microsystem Technologies, Springer	1550039		2018	1-17	<a href="https://doi.org/10.1007/s00542-018-4024-x">DOI:10.1007/s00542-018-4024-x</a>
Mr. Pragati Singh	Hardware implementation of adaptive feedback based reversible image watermarking for image processing application	Microsystem Technologies, Springer	1550039		2018	1-17	<a href="https://doi.org/10.1007/s00542-018-4024-x">DOI:10.1007/s00542-018-4024-x</a>
Department of Mechanical Engg.							
Name of the Faculty	Title of the Paper	Journal	Vol.	No.	Year	Page Nos.	ISSN/doi
Dr. Bachu Deb	Effect of modified shrouded intake valve on performance and emissions of spark ignition engine	Clean Technologies and Environmental Policy			2018	1-17	<a href="https://doi.org/10.1007/s10098-018-1652-">https://doi.org/10.1007/s10098-018-1652-</a>

Name of the Faculty	Title of the Paper	Journal	Vol.	No.	Year	Page Nos.	ISSN/doi
	Computational and experimental study of swirl flow within SI engine with modified shrouded intake valve	Progress in Computational Fluid Dynamics	Vol. X	No. Y	2018	1-14	<a href="http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=pcfd">http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=pcfd</a>
Dr. Bidesh Roy	Effect of modified shrouded intake valve on performance and emissions of spark ignition engine	Clean Technologies and Environmental Policy			2018	1-17	<a href="https://doi.org/10.1007/s10098-018-1652-">https://doi.org/10.1007/s10098-018-1652-</a>
	Computational and experimental study of swirl flow within SI engine with modified shrouded intake valve	Progress in Computational Fluid Dynamics	Vol. X	No. Y	2018	1-14	<a href="http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=pcfd">http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=pcfd</a>
Dr. Basil Kuriachen	The slurry abrasive wear behavior and microstructural analysis of A2024-SiC-ZrSiO <sub>4</sub> metal matrix composite	Ceramics International	44	6		6426-6432	<a href="https://doi.org/10.1016/j.ceramint.2018.01.037">https://doi.org/10.1016/j.ceramint.2018.01.037</a>
	Multi response optimization and experimental investigations into the impact of wire EDM on the tribological properties of Ti-6Al-4V	Transactions of the Indian Institute of Metals	71	6		1331-1341	<a href="https://doi.org/10.1007/s12666-017-1267-7">https://doi.org/10.1007/s12666-017-1267-7</a>

## Department of BS &amp; HSS

## Mathematics

Name of the Faculty	Title of the Paper	Journal	Vol.	No.	Year	Page Nos.	ISSN/doi
Dr. Surender Ontela	Adomian decomposition method for Hall and ion-slip effects on mixed convection flow of a chemically reacting Newtonian fluid between parallel plates with heat generation/absorption	Propulsion and Power Research	6	4	2017	296-306	DOI:10.1016/j.jprr.2017.11.001
	Analytical solution of mixed convection flow of a newtonian fluid between vertical parallel plates with solet, hall and ion-slip effects: Adomian decomposition method	International Journal of Applied and Computational Mathematics	3	2	2017	591 - 604	DOI:10.1007/s40819-015-0127-6
Dr. Vinay Singh	Sufficient optimality conditions and mondweir duality for quasidifferentiable optimization problems with univex functions	U.P.B. Sci. Bull., Series A	79	1	2017	185-196	1223-7027

Chemistry							
Name of the Faculty	Title of the Paper	Journal	Vol.	No.	Year	Page Nos.	ISSN/doi
P. Ajmal Koya	Fixed-bed adsorption of atrazine onto microwave irradiated Aegle marmelos Correa fruit shell: Statistical optimization, process design and breakthrough modelling	J. Mol. Liq.	241	--	2017	823-830	<a href="http://dx.doi.org/10.1016/j.molliq.2017.06.064">http://dx.doi.org/10.1016/j.molliq.2017.06.064</a>
	Effects of cationic surfactants on clouding action of the drug amitriptyline hydrochloride in ethylene glycol-water and glycerol-water mixed media	ChemistrySelect	2	--	2017	9193-9200	<a href="https://doi.org/10.1002/slct.201701772">https://doi.org/10.1002/slct.201701772</a>
	Clouding behavior of antidepressant drug-additive system in ethylene glycol/glycerol-water mixed media and their thermodynamic parameters at cloud point	New J. Chem.	42		2018	4402-4411	doi: 10.1039/c7nj04369d
Physics							
Dr. Alok Shukla	Structural, electrical and magnetic characteristics Cd/Ti modified BiFeO <sub>3</sub>	Physics Letters A	381	-	2017	2721-2730	DOI: 10.1016/j.physleta.2017.06.012, ISSN 0375-9601
	Development of lead-free multifunctional materials Bi(Co <sub>0.45</sub> Ti <sub>0.45</sub> Fe <sub>0.10</sub> )O <sub>3</sub>	Progress in Natural Science: Materials International	28	-	2018	308-314	DOI:10.1016/j.pnsc.2018.01.012, ISSN 1002-0071
	Structural, dielectric, electrical and magnetic characteristics of lead-free multiferroic: Bi(Cd <sub>0.5</sub> Ti <sub>0.5</sub> )O <sub>3</sub> -BiFeO <sub>3</sub> solid solution	Journal of Alloys and Compounds	747	-	2018	895-904	DOI: 10.1016/j.jallcom.2018.03.114, ISSN 0925-8388

## 12.2 Seminars/Conferences organized

Department of BS & HSS (Chemistry)							
Name of the Faculty	Role	Name of Seminar/Conference	Sponsored by/Support received from	Venue	Date		Duration
					From	To	
Dr. P. Ajmal Koya	Coordinator	One day seminar on "Opportunities for Home State Students at NIT Mizoram" under TEQIP-III held on 12th September 2017	TEQIP-III	Virtual Class Room, Academic Block-III	12/09/2017	12/09/2017	01 Day



## 12.3 Workshops/STTP/FDP organized

Department of Mechanical Engg.							
Name of the Faculty	Role	Title of FDP/STTP/ Workshop	Sponsored by/Support Received from	Venue	Date		Duration
					From	To	
Dr. Basil Kuriachen	Coordinator	Advances in Manufacturing Processes		Virtual Class Room, Block-3, NIT Mizoram	19/03/2018	23/03/2018	5 Days
Department of BS & HSS (Chemistry)							
Name of the Faculty	Role	Title of FDP/STTP/ Workshop	Sponsored by/Support Received from	Venue	Date		Duration
					From	To	
Dr. P. Ajmal Koya	Coordinator	One day Computer Training Program, under Unnat Bharat Abhiyan (UBA), to School Children of Lengpui Village on 26th May 2017.	Institute	Virtual Class Room, Academic Block-III	26/05/2017	26/05/2017	01 Day
	Coordinator	Visit of School students to NIT Mizoram under Rashtriya Avishkar Abhiyan (RAA) on	Institute & RMSA	Various Departments	31/05/2017	02/06/2017	03 Days
	Coordinator	Training Program for High School Teachers for Science Subjects	Institute & RMSA	Virtual Class Room, Academic Block-III	12/12/2017	15/12/2017	04 days

## 12.4 GIAN course organized

Department of Mechanical Engg.						
Name of the Faculty	Role	Name of External Faculty & Institution	Title of GIAN Course	Date		Duration
				From	To	
Dr. Basil Kuriachen	Coordinator	Prof. (Dr.) Nageswara Rao Posinasetti Professor, Manufacturing Engineering Technology Program, Department of Technology, University of Northern Iowa Cedar Falls, IA, 50614-0178, USA	Advanced Scientific Process Planning	07/05/2018	11/05/2018	5 Days

## 12.5 Seminars/Conferences attended or participated

Department of Mechanical Engg.							
Name of the Faculty	Title of Paper presented	Title of Seminar/Conference	Organized by	Date		Venue/Place	Details of Publication, if any
				From	To		
Dr. Anumoy Ghosh	Design of broadband patch antenna with enhanced gain by using defected ground artificial magnetic conductor	International Conference on Communication and Signal Processing	IEEE Madras Section & Adhiparasakthi Engineering College	06/04/2017	08/04/2017	Melmaruvathur, Tami Nadu	DOI:10.1109/ICCSP.2017.8286607
	Dual-band notched wide-slot UWB antenna for low-cost RFID applications	Conference on Information and Communication Technology	IEEE MP Section and IIIT Gwalior	03/11/2017	05/11/2017	Gwalior, Madhya Pradesh	DOI:10.1109/INFO COMTECH.2017.8340620
	Dual polarized dual band CPW fed antenna for bluetooth and WLAN applications	IEEE Calcutta Conference	IEEE Kolkata	02/12/2017	03/12/2017	Kolkata, West Bengal	DOI: 10.1109/CALCON.2017.8280747
Dr. Chaitali Koley	Studies on Chaos-mapped data communication in X-band through additive noise channel	International Conference on Innovations in Electronics, Signal Processing, and Communication	NIT Meghalaya	06/04/2017	07/04/2017	Shillong, Meghalaya	DOI: 10.1109/IESPC.2017.8071872
	Periodic perturbation on a microwave oscillator using different topologies	International Conference on Communication and Signal Processing	IEEE Madras Section & Adhiparasakthi Engineering College	06/04/2017	08/04/2017	Melmaruvathur, Tami Nadu	
	A comparative study between the difference expansion based reversible image watermarking and Adaptive Feedback based Reversible Image Watermarking	4th International Conference on Microelectronics Circuits and System	Applied Computer Technology, Kolkata	03/06/2017	04/06/2017	Darjeeling, West Bengal	
Mr. Pragati Singh	A comparative study between the difference expansion based reversible image watermarking and Adaptive Feedback based Reversible Image Watermarking	4th International Conference on Microelectronics Circuits and System	Applied Computer Technology, Kolkata	03/06/2017	04/06/2017	Darjeeling, West Bengal	

Department of Electrical & Electronics Engg.							
Name of the Faculty	Title of Paper presented	Title of Seminar/Conference	Organized by	Date		Venue/Place	Details of Publication, if any
				From	To		
Dr. P.K.Biswas	Analysis and simulation of PWM based power amplifier for single axis active magnetic bearing (AMB)	IEEE International Transportation Electrification Conference (ITEC-2017)	ITEC-2017 (ISA, IEEE, SAEINDIA, ARAI)	13/12/2017	15/12/2017	Pune	
Mrs. Krishnarti De	Effect of an electric vehicle bus network on Guwahati grid	IEEE Innovative Smart Grid Technology	ISGT Asia	04/12/2017	07/12/2017	Auckland	
Department of Mechanical Engg.							
Name of the Faculty	Title of Paper presented	Title of Seminar/Conference	Organized by	Date		Venue/Place	Details of Publication, if any
				From	To		
Dr. Basil Kuriachen	A Study of the wear behavior of A2024-SiCZrSiO4 metal matrix composites with fine silica slurry particles	COPEN-10 (2017)	IIT Madras	07/12/2017	09/12/2017	IIT Madras	ISBN: 978- 93- 80689-28-9
Department of BS & HSS							
Chemistry							
Name of the Faculty	Title of Paper presented	Title of Seminar/Conference	Organized by	Date		Venue/Place	Details of Publication, if any
				From	To		
P. Ajmal Koya	Effect of glycine on the micellization of cationic surfactants	21st CRSI National Symposium in Chemistry (CRSI-NSC 21)	CSIR-Indian Institute of Chemical Technology, Tarnaka, Hyderabad	13/07/2017	16/07/2017	IICT Hyderabad	Nil
Mathematics							
Dr. Surender Ontela	Non-similar solution for free convection in a doubly stratified fluid saturated non-darcy porous medium with Soret-Dufour effects.	15th UK Heat Transfer Conference (UKHTC2017)	ICCHMT & Brunel University, London	04/09/2017	05/09/2017	Brunel University, London, UK	
Dr. Surender Ontela	Laminar mixed convection flow of Cu-water nanofluid in a vertical channel with viscous dissipation	International Conference on Numerical Heat Transfer & Fluid Flow (NHTFF-2018)	Department of Mathematics, NIT Warangal	19/01/2018	21/01/2018	NIT Warangal	Published as a book chapter in SPRINGER

Mathematics							
Name of the Faculty	Title of Paper presented	Title of Seminar/Conference	Organized by	Date		Venue/Place	Details of Publication, if any
				From	To		
Dr. Vinay Singh	Optimality conditions and duality for nonsmooth semi-infinite mathematical programming problem with equilibrium constraints	Constructive Nonsmooth Analysis and Related Topics	Euler International Mathematical Institute, St. Petersburg, RUSSIA	22/05/2017	27/05/2017	Euler International Mathematical Institute, St. Petersburg, RUSSIA	---
Physics							
Dr. Alok Shukla	Structural, electrical and magnetic properties of modified BiFeO <sub>3</sub>	MISM-2017	Lomonosov Moscow State University, Moscow	01/07/2017	05/07/2017	Moscow	-
	Design and development of bismuth ferrite based environmentally friendly multiferroic material for devices	ICN:3I-2017	Indian Institute of Technology Roorkee	06/12/2017	08/12/2017	Roorkee	-

## 12.6 Workshops/STTP/FDP attended or participated

Department of Electrical & Electronics Engg.							
Name of the Faculty	Title of FDP/STTP/Workshop	Organized by	Venue	Date		Duration	
				From	To		
Mrs. Krishnarti De	Summer Training Program on Active Learning	IIT Bombay	IIT Bombay	11/06/2018	15/06/2017	5 Days	
Mr. Suman Majumder	Summer Training Program on Active Learning	IIT Bombay	IIT Bombay	11/06/2018	15/06/2017	5 Days	
Mrs. Krishnarti De	NKN Mode Winter Course on Power Electronics & Systems for Engineering Faculty	IIT Guwahati	IIT Guwahati	11/12/2017	20/12/2017	10 Days	
Mr. Suman Majumder	NKN Mode Winter Course on Power Electronics & Systems for Engineering Faculty	IIT Guwahati	IIT Guwahati	11/12/2017	20/12/2017	10 Days	
Mr. Ramesh Kumar	Two-week Workshop on "Electric Power System"	IIT Kharagpur	NIT Silchar	10/07/2017	15/07/2017	6 Days	
Mr. Anagha Bhattacharya	Hands on Practice on PLC Programming and Applications	NITTTR Kolkata	NITTTR Kolkata	12/06/2017	23/06/2017	10 days	

Department of BS & HSS						
Chemistry						
P. Ajmal Koya	Capacity Building and Participatory Training Programme for Nodal Officers of Unnat Bharat Abhyan	UBA Cell, IIT delhi	NIRD & PR, Hyderabad	31/03/2017	03/04/2017	04 Days
	Nano Mission School on Nanoscience & Nanotechnology	Nano Mission, Department of Science & Technology	Centre for Nano and Soft Matter Sciences, Jalahalli, Bangalore	23/10/2017	03/11/2017	10 Days

## 12.7 GIAN course attended

Department of Electrical & Electronics Engg.						
Name of the Faculty	Name of GIAN Program	Organization	Venue/Place	Date		Duration
				From	To	
Mr. Ramesh Kumar	Methodological Approach for Circuit Analysis of Modern Power Systems	NIT Silchar	NIT Silchar	08/01/2018	13/01/2018	6 Days
Mr. Ramesh Kumar	Recent Trends in Proction of Microgrids with High DER Penetration: Issues, Challenges and Mitigation	Delhi Technological University	Delhi Technological University	12/02/2018	16/02/2018	5 Days
Anagha Bhattacharya	Emerging Cutting-Edge Technologies in Advanced Electrical Machines and Drives: Design & Performance Issues, Fault Diagnosis, Failure Prognosis and Mitigation	Delhi Technological University	Delhi Technological University	06/11/2017	10/11/2017	5 Days

## 12.8 Sponsored Research Projects Completed

Sl. No.	Name of Principal Investigator & Deptt.	Title of Project	Sponsored by	Final Amount (₹)	Duration		Duration Years
					Starting	Ending	
1	Dr. P. Ajmal Koya Deptt. of BS & HSS (Chemistry)	Physicochemical Properties of Amphiphilic Drugs: Effects of Addition of Organic Solvents	SERB, DST	22,98,000.00	01/09/2014	31/08/2017	03
2	Dr. Bidesh Roy Deptt. of ME	Technology Gap Analysis Study for the (i) Baktawng Wood Carpentry Cluster, Mizoram, (ii) Bairabi Bamboo Cluster, Mizoram, and (iii) Seling Bamboo Cluster, Mizoram.	TIFAC	10,45,000.00	28/08/2016	27/12/2017	15

## 12.9 Sponsored Research Projects Ongoing

Sl. No.	Name of Principal Investigator & Deptt.	Title of Project	Sponsored by	Final Amount (₹)	Duration		Duration
					Starting	Ending	Years
1	Dr. Partha Pakray Deptt. of CSE	An Application of Textual Entailment and Semantic Similarity in Scientific Document Retrieval System	SERB, DST	18,31,000.00	01/04/2016	31/03/2019	3
2		Textual Instructions to Virtual Action	DST-DAAD	18,90,000.00	22/07/2016	21/07/2018	2
3	Dr. Chaitali Koley, Deptt. of ECE	Special Man Power Development Program for Chips to system Design	Ministry of Electronics and Information Technology	1 Crore	15/05/2015	14/05/2020	5
4	Dr.P.K.Biswas, Deptt. of EEE	Analysis, Design and Control of Active Magnetic Bearing for High Speed Application.	SERB, DST	15,72,800.00	17/03/2017	17/03/2020	03
5	Dr. Basil Kuriachen, Deptt. of ME	Numerical Modelling, Simulations and experimental Investigations to Improve the Surface Tribological Properties of Ti-6Al-4V through Developing Wire Electrical Discharge Alloying	SERB, DST	22,93,000.00	11/01/2017	10/01/2020	03
6	Dr. Alok Shukla	Development of modified Bi-based nanosized electronic materials for multiferroic applications	SERB, DST	38.82,000.00	15/12/2016	31/12/2019	03
7	Dr. Vinay Singh	On recent problems on optimization and Its applications	SERB, DST	15,86,300.00	16/03/2018	15/03/2021	03
8	Dr. A. Jamsheera	Design, synthesis and in-vitro DNA binding studies of novel peptide derivatives and their metal complexes	SERB, DST	32,65,000.00	01/09/2015	31/08/2018	03

## 12.10 Any other achievements of the Department

Department of BS & HSS (Chemistry)		
Sl. No.	Name of Faculty	Achievement
1.	Dr. P. Ajmal Koya	Selected for SERB Overseas Postdoctoral Fellowship 2016-17 (SB/OS/PDF-478/2016-17; 06th September 2017)







# CAG Report

# ANNUAL FINANCIAL STATEMENT



SEPARATE AUDIT REPORT  
OF THE  
COMPTROLLER & AUDITOR GENERAL OF INDIA  
ON THE ACCOUNTS OF THE  
NATIONAL INSTITUTE OF TECHNOLOGY, MIZORAM,  
AIZAWL  
FOR THE YEAR ENDED  
31 MARCH 2018

## **Separate Audit Report on the Accounts of National Institute of Technology, Mizoram, Aizawl for the year ended 31 March 2018**

1. We have audited the attached Balance Sheet of National Institute of Technology (NIT), Aizawl as of 31 March 2018 and the Income and Expenditure Accounts and Receipts and Payments 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 (DPC) 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 Report/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 and Income Expenditure Accounts and Receipts and Payments Accounts dealt with by this report have been drawn up in the format prescribed by the Ministry of Human Resource Development;
  - 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:

128

**A. BALANCE SHEET****A.1 Fixed Assets (Schedule-4)****Capital Work-in-Progress: ₹ 85,31,81,585**

The above represents the value of Capital Work-in-Progress as on 31 March 2018. The 8<sup>th</sup> meeting of the Building and Works Committee (28.11.2017) approved the settlement of bills submitted by M/S IRCON International Limited (Construction Agency) upto 8<sup>th</sup> Expenditure bill. The total value of works executed upto 8<sup>th</sup> Expenditure bill came to ₹ 96,78,96,440. However, settlement of the bill was not reflected in the Annual Accounts.

This has resulted in understatement of Capital Work-in-Progress by ₹11,47,14,855 (₹96,78,96,440 – ₹85,31,81,585) with corresponding overstatement of Loans, Advances & Deposits to the same extent.

The management has accepted the audit observation.

**A.2 Fixed Assets (Schedule-4)****Electrical Installation & Equipment****Addition during the year: ₹ 24,11,100**

The above includes ₹20,75,000 being amount deposited to the Power & Electricity Department, Government of Mizoram for supply and installation of 250 KVA Transformer at Administrative Block, NIT.

However, the Transformer has not been supplied and installed as on 31 March 2018. Capitalization of the same in the Balance Sheet has resulted in overstatement of Fixed Assets by ₹ 20.75 lakh with corresponding understatement of Loans and Advances to the same extent.

The management has accepted the observation.

**A.3 Fixed Assets (Schedule-4)****Tangible Assets: ₹ 29,93,93,481**

The above does not include ₹ 54,28,301 being the outstanding liability payable to M/S Graphic Trades for supply of various materials in connection with LAN-WAN Connectivity at NIT, Mizoram. Though the supplier had already supplied and installed the materials, provision for the outstanding liability has not been made in the Annual Accounts.

This has resulted in understatement of Net Fixed Assets by ₹ 54.28 lakh with corresponding understatement of Current Liabilities (Sundry Creditors) to the same extent.

The management replied that the amount of ₹ 54.28 lakh which seems payable to M/S Graphic Trades has not been shown as outstanding liabilities. Though these items were necessary for successful installation of the devices ordered in Phase-I, those items supplied costing ₹ 54.28 lakh were not included in the First Phase Order of the Project. Administrative approval has not



127

been obtained so far. Therefore, this cannot be accounted as liability. However, the same is under discussion and process.

The reply of the management is not tenable. Since the materials in question had already been supplied by the firm and bills for the same has also been raised, this should have been shown as liability.

#### A.4 Fixed Assets (Schedule-4)

Depreciation was charged ` 588.45 lakh on various fixed assets instead of ` 507.70 lakh to be charged. This resulted the overstatement of Depreciation & understatement of fixed assets by ` 80.75 lakh. The details are as under:

in Lakhs

Particular	Opening Balance	Addition	Total	Depreciation to be charged	Depreciation charged (Schedule 4)	Differences
Scientific & Laboratory Equipment	2408.15	75.93	2484.08	198.72	235.47	36.75
Computer & Peripherals	824.14	0.43	824.57	164.91	181.30	16.39
Furniture, Fixtures & Fittings	325.87	4.97	330.84	24.81	26.60	1.79
Computer Software	601.69	39.27	640.96	97.65	121.21	23.56
Library Books & Scientific Journals	194.93	0.00	194.93	19.49	19.65	0.16
Installation	105.91	0.00	105.91	2.12	4.22	2.1
<b>Total</b>	<b>4460.69</b>	<b>120.6</b>	<b>4581.29</b>	<b>507.70</b>	<b>588.45</b>	<b>80.75</b>

126

**B. INCOME AND EXPENDITURE ACCOUNT****B.1 Income & Expenditure Account****Interest Earned (Schedule-12): ₹ 1,06,99,728**

The above includes ₹14,42,995 being interest earned on Term Deposit Account with Scheduled Bank. However, the actual interest earned on Term Deposit during the year was ₹ 24,42,995. This has resulted in understatement of interest earned on Term Deposit by ₹10.00 lakh with corresponding understatement of Surplus for the year to the same extent.

**C. RECEIPTS AND PAYMENTS ACCOUNT****C.1 Academic Receipts****Prior Period Income – ₹ 1,51,72,231.69**

As per the Receipts and Payments Account, the total amount received for Academic Receipts was ₹ 3.66 crore as below:

Sl. No	Particulars	Amount
a	Fees from Students	19042300.31
b	Hostel and Mess Fees	2389111.00
c	Others received	40800.00
d	Prior Period Income	15172231.69
	<b>Total</b>	<b>3,66,44,443.00</b>

However, as per Schedule-14 of the Income and Expenditure Account (Prior Period Income) the amount for the Academic Receipts was only ₹ 41,700.00. The difference in Academic Receipts by ₹ 1,51,30,531.69 (₹ 1,51,72,231.69 – ₹ 41,700.00) needs to be reconciled.

**D. GENERAL**

D.1 No provision for retirement benefits has been made in the accounts in contravention of Accounting Standard 15 issued by ICAI.

**E. GRANTS-IN-AID****F.1 Schedule 10: GRANTS**

Out of the total available Grants of ₹ 83,14,35,440.50, the NIT could utilize a sum of ₹59,97,28,902.56 (Capital Expenditure - ₹47,16,00,000.00 + Revenue Expenditure - ₹12,81,28,902.56) which constitute 72.13 per cent of the available Funds and thereby leaving balance of ₹23,17,06,537.94 i.e. 27.87 per cent (as on 31.03.2018).

125

The details of receipt and utilization of grants during 2017-18 are given below:

(Amount in ₹)

Particulars	Plan		Non-Plan	Grand Total
	GOI	UGC	UGC Non-Plan	
Opening Balance	99835440.50	-	-	99835440.50
Add: Release for 4 <sup>th</sup> qtr 2015-16 but received during 2016-17	-	-	-	-
Receipts during the year	731600000.00	-	-	731600000.00
Add: Adjustment	-	-	-	-
Add: Interest	-	-	-	-
<b>Total</b>	<b>831435440.50</b>	<b>-</b>	<b>-</b>	<b>831435440.50</b>
Less: Earmarked for Capital Expenditure	471600000.00	-	-	471600000.00
<b>Balance</b>	<b>359835440.50</b>	<b>-</b>	<b>-</b>	<b>359835440.50</b>
Less: Utilized for Revenue Expenditure	128128902.56	-	-	128128902.56
<b>Closing Balance/Un-utilized Grants</b>	<b>23,17,06,537.94</b>	<b>-</b>	<b>-</b>	<b>23,17,06,537.94</b>

- v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet and Income and Expenditure 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 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 as at 31 March 2018; and
- (b) In so far as it relates to Income and Expenditure Account of the surplus for the year ended on that date.

For and on behalf of the

Dated: 26 MAR 2019

Place: Aizawl

Comptroller & Auditor General of India

Principal Accountant General





## ANNEXURE

### 1. Internal Control System

Internal Control provides reasonable assurance to the management that financial interests and resources of the organization are safeguarded, reliable information is available and the objectives of the organization are being achieved in an economic, efficient and effective manner. Scrutiny of the records revealed the following significant weaknesses in internal controls of the Institute.

- Absence of proper Internal Control System and Internal Checks in the Institute.
- Non-reconciliation of records with the subsidiary records maintained by different departments and sections.
- Absence of manual/ system for procurement and disposal of assets.

### 2 Physical verification of Stores/Fixed Assets

As per provisions contained in Rule 213(1) of General Financial Rules, 2017 Fixed Assets should be verified at least once in a year and the outcome of the verification recorded in the corresponding register. Discrepancies, if any, shall be promptly investigated and brought to account. The Institute had not conducted proper and detail physical verification of Stores/Fixed Assets created during 2017-18.

### 3 Internal Audit

Internal audit, as an independent entity, examine and evaluate the level of compliance of the organization with financial rules and regulations besides effectiveness for implementation of various programmes, projects or any activities and provide assurance to the management on the adequacy or otherwise, of the existing internal controls.

The absence of Internal Auditor hampers specifically in timely identification of flaws, absence of important feed-backs, good governance and internal controls in general.

### 4 Improper maintenance of Cash Book

Rule 13 of the Central Government Account (Receipts and Payments) Rules contains general instructions for handling cash. Save as otherwise expressly provided in these rules or in any authorized departmental regulations, the following instructions shall be observed by all Government officers who are required to (a) receive Government dues and handle cash or (b) perform the functions of drawing and disbursing officers (with or without cheque drawing powers), or both:

- (i) Every such officer (referred to in this rule as the Head of the Office) should maintain a cashbook in Form G.A.R.3.



123

(ii) All monetary transactions should be entered in the cash book as soon as they occur and attested by the Head of the Office in token of check.

(iii) The cash book should be closed regularly and completely checked. The Head of the Office should verify the totalling of the cash book or have this done by some responsible sub-ordinate other than the writer of the cash book and initial it as correct.

(iv) At the end of each month, Head of the Office should verify the cash balance in the cash record a signed and dated certificate to that effect. In regard to any discrepancy noticed therein, the instructions contained in Section V of Chapter 2 of the General Financial Rules 1963 should be followed. In case the verification of cash balance is not possible on the last working day of a month on account of disbursement of, monthly salary and allowances, it may be done on the first working day of the next month before making any transactions on that day.

(v) Entries made in the cash book regarding remittance of receipts to the accredited bank for credit into Government Account should be attested by the Head of Office after verifying them with reference to the bank's receipt recorded on the pay-in-slips or challans. When the credit appears in the receipt scroll from the bank, the actual date of realisation of the cheque or draft should be indicated by cheque drawing D.D.O.s against the original entry in the cash book so as to keep track of outstanding items.

(vi) An erasure or over-writing of an entry once made in the cash book is strictly prohibited. If a mistake is discovered, it should be corrected by drawing the pen through the incorrect entry and inserting the correct one in red ink between the lines. The Head of Office should initial every such correction and invariably date his initials.

The Institution has maintained Tally System of Accounting as well as manual cash books for different heads such as General Cash Book, Cash Book for Academic Fees, Current Account Cash Book, Sponsored Research Projects, etc. However it was noticed that the Institute has not followed the general instructions issued by the Central Government Account (Receipts and Payments) Rules while maintaining their Cash Book such as:

1. No Opening Balance and Closing Balance in the Cash and Bank Column of the Cash Book.
2. No totalling of Cash Receipt and Cash Payment in the Cash Book.
3. No initial of the Head of the Institution or responsible Officers in day to day transactions.
4. No initial while over-writing and correction of amount/figure.

In view of the above the genuineness and accuracy of figures as entered in the Tally System cannot be ascertained. Further, reconciliation of Cash Books with the Bank Books cannot be assured.



ANNUAL  
ACCOUNTS  
2017 - 18

**FOR THE YEAR ENDING ON 31.03.2019**

**NATIONAL INSTITUTE OF TECHNOLOGY**

AIZAWL, MIZORAM - 796 012

## National Institute of Technology, Aizawl, Mizoram

**Balance Sheet As At 31.03.2018**

(Amount in Rupees)

Sources of Funds	Schedule No.	Current Year	Previous Year
<b>CORPUS/CAPITAL FUND</b>	1	2,153,791,121.20	1,679,968,703.84
<b>DESIGNATED/EARMARKED/ENDOWMENT FUNDS</b>	2	-	-
<b>CURRENT LIABILITIES &amp; PROVISIONS</b>	3	267,654,000.74	147,918,678.00
<b>SUSPENSE</b>			
<b>TOTAL</b>		<b>2,421,445,121.94</b>	<b>1,827,887,381.84</b>

Application of Funds	Schedule No.	Current Year	Previous Year
<b>FIXED ASSETS</b>	4		
Tangible Assets (Institute)		299,393,480.76	338,689,504.68
Tangible Assets (Sponsored Project)		1,121,127.24	1,253,755.94
Intangible Assets		-	9,086,233.72
Capital Works-in-Progress		853,181,585.00	853,181,585.00
<b>INVESTMENTS-EARMARKED/ENDOW/OTH. FUNDS</b>	5		
Long Term		-	-
Short Term		-	-
<b>INVESTMENT - OTHERS</b>	6	-	-
<b>CURRENT ASSETS</b>	7	537,563,498.94	99,835,440.50
<b>LOANS, ADVANCES &amp; DEPOSITS</b>	8	730,185,430.00	525,840,862.00
<b>TOTAL</b>		<b>2,421,445,121.94</b>	<b>1,827,887,381.84</b>

In Terms of Our Report of Even Date  
For, **NITISH AGARWALLA & COMPANY**

**Chartered Accountants**  
**FRN. 329772E**

CA. **NITISH AGARWALLA**  
Memb No. 305068

Place: Aizawl  
Date: 08/09/2018

  
उप. कुलसचिव/Dy. Registrar  
(लेखा)/(Accounts)  
रा.प्रौ.सं. मिजोरम/NIT Mizoram

Deputy Registrar (F & A)

  
Registrar  
रा.प्रौ.सं. मिजोरम  
NIT Mizoram

Registrar

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

Director

## National Institute of Technology, Aizawl, Mizoram

## Income And Expenditure Account For The Year Ending 31.03.2018

(Amount in Rupees)

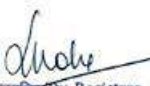
	Schedule No.	Current Year	Previous Year
<b>INCOME</b>			
Academic Receipts	9	27,685,604.45	23,475,703.00
Grants/Subsidies	10	128,128,902.56	282,316,967.50
Income from Investments	11	-	-
Interest Earned	12	10,699,728.00	11,751,512.00
Other Income	13	939,983.00	587,264.50
Prior Period Income	14	15,172,231.69	1,235,560.00
<b>TOTAL (A)</b>		<b>182,626,449.70</b>	<b>319,367,007.00</b>
<b>EXPENDITURE</b>			
Staff Payments & Benefits	15	62,980,378.00	48,339,808.00
Academic Expenses	16	15,686,861.00	8,523,894.00
Administrative and General Expenses	17	30,965,410.75	27,828,159.00
Transportation Expenses	18	5,722,770.00	5,379,813.00
Repairs & Maintenance	19	1,841,854.00	820,345.00
Finance Costs	20	14,497.25	6,778.50
Depreciation	4	63,126,997.34	65,973,099.55
Other Expenses	21	-	-
Prior Period Expenses	22	65,264.00	415,312.00
<b>TOTAL (B)</b>		<b>180,404,032.34</b>	<b>157,287,209.05</b>
<b>Balance being excess of Income over Expenditure (A-B) Transfer to Capital/Corpus Fund</b>		<b>2,222,417.36</b>	<b>162,079,797.95</b>
<b>Significant Accounting Policies</b>	23		
<b>Contingent Liabilities and Notes to Accounts</b>	24		

In Terms of Our Report of Even Date  
For, **NITISH AGARWALLA & COMPANY**

**Chartered Accountants**  
**FRN. 329772E**

CA. **NITISH AGARWALLA**  
Memb No. 305068

Place: Aizawl  
Date: 08/09/2018

  
उप. कुलसचिव/Dy. Registrar  
(लेखा)/(Accounts)  
रा.प्रौ.सं. विज्ञान/NIT Mizoram

Deputy Registrar (F & A)

  
Registrar  
रा.प्रौ.सं. विज्ञान  
NIT Mizoram

Registrar

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

Director

## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 1 : CAPITAL/CORPUS FUND**

(Amount in Rupees)

Particulars	Current Year	Previous Year
Balance at the Beginning of the year	1,679,968,703.84	1,042,781,932.89
Add: Contribution towards Corpus/Capital Fund	-	-
Add: Grants from UGC, Government of India and State Government to the extent utilized for capital expenditure	471,600,000.00	475,000,009.00
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	-	106,964.00
Add: Assets Donated/Gifts Received	-	-
Add: Other Additions	-	-
Add: Excess of income over expenditure transferred from Income & expenditure A/c	2,222,417.36	162,079,797.95
Less: Unutilized grant of Prev Yr transferred to Current Liabilities	-	-
<b>TOTAL</b>	<b>2,153,791,121.20</b>	<b>1,679,968,703.84</b>
(Deduct) Deficit transferred from Income & Expenditure A/c	-	-
<b>Balance at the year end</b>	<b>2,153,791,121.20</b>	<b>1,679,968,703.84</b>

Place: Aizawl  
Date: 08/09/2018


उप-कुलसचिव/Dy. Registrar  
(वित्त)/(Accounts)  
रा.प्रौ.सं. मिजोरम/NIT Mizoram

Deputy Registrar (F & A)



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

Registrar



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

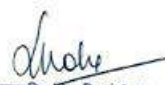
Director

## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 2 : DESIGNATED/EARMARKED/ENDOWMENT FUNDS**

Amount in Rupees

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>	-	-	-	-
Represented by				
Cash and Bank Balances	-	-	-	-
Investments	-	-	-	-
Interest accrued but not due	-	-	-	-
<b>TOTAL</b>	-	-	-	-



उप-कुलसचिव/Dy. Registrar  
(वित्त)/(Accounts)  
रा.प्रौ.स. मिजोरम/NIT Mizoram

Deputy Registrar (F &amp; A)



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

Registrar



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

Director

Place: Aizawl

Date: 08/09/2018

## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 3 : CURRENT LIABILITIES & PROVISIONS**

(Amount in Rupees)

	Current Year	Previous Year
<b>A. Current Liabilities</b>		
1 Deposits from Staff	-	-
2 Deposits from students	-	-
3 Sundry Creditors		
(a) For Goods & Services (M/s Element Technologies)	7,327,425.00	26,014,808.00
(b) Mess Advances	1,624,955.55	1,385,848.00
4 Deposit - Others (including EMD, Security Deposit)	2,492,900.00	3,414,400.00
5 Statutory Liabilities (GPF, TDS, WC, TAX, CPF, GIS, NPS)	1,311,338.00	619,021.00
a) Overdue	-	-
b) Others	-	-
6 Other Current Liabilities (CCMT Fund)	503,591.00	
(a) Salaries		
(b) Receipts against sponsored projects	8,749,279.25	8,713,999.50
(c) Receipts against sponsored fellowships & scholarships	2,189,410.00	929,540.00
(d) Unutilised Grants	231,706,537.94	99,835,440.50
(e) Grants in advance	-	-
(f) Other funds	2,789,101.00	-
(g) Other Liabilities:	-	-
(h) Receipt against GIAN Fund		884,795.00
(i) Expenses Payable	7,329,093.00	5,982,204.00
(j) Refundable academic receipts	1,630,370.00	138,622.00
<b>TOTAL (A)</b>	<b>267,654,000.74</b>	<b>147,918,678.00</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>-</b>	<b>-</b>
<b>TOTAL (A+B)</b>	<b>267,654,000.74</b>	<b>147,918,678.00</b>

Place: Aizawl

Date: 08/09/2018

  
 उप-सूचना/ Dy. Registrar  
 (अंश)/(Accounts)  
 क.प्रौ.स. मिजोरम/NIT Mizoram  
 Deputy Registrar (F & A)

  
 Registrar  
 क.प्रौ.स. मिजोरम  
 NIT Mizoram  
 Registrar

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



## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 3A : SPONSORED PROJECT**

Amount in Rupees

Sl. No.	Name of the Project	Opening Balance as on 01.04.17 (Credit)	Opening Balance as on 01.04.16 (Debit)	Receipts/ Recoveries during the Year	Total	Expenditure during the Year	Closing Balance as on 31.03.2018 (Credit)	Closing Balance as on 31.03.2018 (Debit)
1	RP-1	88,853.00	-		88,853.00		88,853.00	-
2	RP-2	42,916.50	-		42,916.50		42,916.50	-
3	RP-3	555,387.00	-	1,939,071.00	2,494,458.00	1,209,161.00	1,285,297.00	-
4	RP-4	1,685,906.00	-	773,485.00	2,459,391.00	2,327,776.00	131,615.00	-
5	RP-5	788,434.00	-	972,581.00	1,761,015.00		1,761,015.00	-
6	RP-6	773,300.00	-	23,523.00	796,823.00	419,105.00	377,718.00	-
7	RP-7	999,820.00	-	1,018,351.00	2,018,171.00	763,005.50	1,255,165.50	-
8	RP-8	2,582,400.00	-	83,717.00	2,666,117.00	944,646.25	1,721,470.75	-
8	RP-11	800,000.00	-	1,121,979.00	1,921,979.00	233,733.50	1,688,245.50	-
9	UBA Grant	175,000.00	-		175,000.00		175,000.00	-
10	Maverick Technology Grant	60,000.00	-		60,000.00		60,000.00	-
11	Short Term Course Under NAMPPET-II	161,983.00	-		161,983.00		161,983.00	-
	<b>TOTAL</b>	<b>8,713,999.50</b>	<b>-</b>	<b>5,932,707.00</b>	<b>14,646,706.50</b>	<b>5,897,427.25</b>	<b>8,749,279.25</b>	<b>-</b>

Place: Aizawl  
Date: 08/09/2018


उप-कुलसचिव/Dy. Registrar  
(वित्त)/(Accounts)  
क.प्रौ.सं. मिजोरम/NIT Mizoram

Deputy Registrar (F & A)



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

Registrar



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

Director

## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 3B : SPONSORED FELLOWSHIP AND SCHOLARSHIP**

(Amount in Rs.)

Sl. No.	Name of Sponsor	Opening Balance as on 01.04.17	Transactions during the year		Closing Balance as on 31.03.18
			Cr	Dr	
1	Scholarship (Central)	767,610.00	6,091,740.00	4,949,730.00	1,909,620.00
2	Scholarship (State)	161,930.00	524,940.00	407,080.00	279,790.00
<b>TOTAL</b>		<b>929,540.00</b>	<b>6,616,680.00</b>	<b>5,356,810.00</b>	<b>2,189,410.00</b>

**SCHEDULE 3C : UNUTILISED GRANTS FROM UGC, GOVERNMENT OF INDIA AND STATE GOVERNMENTS**

(Amount in Rs.)

	Current Year	Previous Year
<b>A. Plan Grants: Government of India</b>		
Balance B/F	99,835,440.50	307,152,417.00
Add: Receipts During the year	731,600,000.00	550,000,000.00
<b>TOTAL (a)</b>	<b>831,435,440.50</b>	<b>857,152,417.00</b>
Less Refunds	-	-
Less :Utilized for Revenue Expenditure	128,128,902.56	282,316,967.50
Less:Utilised for capital Expenditure	471,600,000.00	475,000,009.00
<b>TOTAL (b)</b>	<b>599,728,902.56</b>	<b>757,316,976.50</b>
Unutilised carried forward (a-b)	231,706,537.94	99,835,440.50

Place: Aizawl  
Date: 08/09/2018


उप-कुलसचिव/Dy. Registrar  
(नकद)/(Accounts)  
रा.प्रौ.सं. मिजोरम/NIT Mizoram

Deputy Registrar (F & A)



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

Registrar



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

Director

# National Institute of Technology, Aizawl, Mizoram

## SCHEDULE 4 : FIXED ASSETS

Amount in Rupees

Sl. No.	Assets Heads	Rate of Depreciation	GROSS BLOCK		As at end of the year	DEPRECIATION		NET BLOCK		
			As at beginning of the year	Additions		Deductions	As at beginning of the year	Total Depreciation	As at end of the year	As at beginning of the year
1	Land	-	-	-	-	-	-	-	-	
2	Site Development	-	-	-	-	-	-	-	-	
3	Buildings	2.00%	-	-	-	-	-	-	-	
4	Roads & Bridges	2.00%	-	-	-	-	-	-	-	
5	Tubewells & Water Supply	2.00%	-	-	-	-	-	-	-	
6	Sewerage & Drainage	2.00%	-	-	-	-	-	-	-	
7	Electrical Installation & Equipment	5.00%	2,598,685.00	2,411,100.00	5,009,785.00	189,240.67	-	425,690.19	4,584,094.81	2,362,235.48
8	Plant & Machinery	5.00%	-	-	-	-	-	-	-	-
9	Scientific & Laboratory Equipment	8.00%	240,814,595.00	7,593,031.00	248,407,626.00	35,467,031.83	23,546,838.60	59,013,870.43	189,393,755.57	205,347,563.17
10	Office Equipment	7.50%	20,267,206.00	-	20,267,206.00	6,244,315.22	1,520,040.45	7,764,355.67	12,502,850.33	14,022,890.78
11	Audio Visual Equipment	7.50%	16,903,143.00	-	16,903,143.00	1,921,294.24	1,267,735.73	3,189,029.97	13,714,113.03	14,981,848.76
12	Computers & Peripherals	20.00%	82,413,916.00	43,090.00	82,457,006.00	31,490,551.95	18,130,233.24	49,620,785.19	32,836,220.81	50,923,364.05
13	Furniture, Fixtures & Fittings	7.50%	32,586,683.00	496,620.00	33,083,303.00	6,986,686.23	2,660,666.07	9,647,352.30	23,435,950.70	25,599,996.77
14	Vehicles	10.00%	782,387.00	-	782,387.00	235,359.16	78,238.70	313,597.86	468,789.14	547,027.84
15	Lib. Books & Scientific Journals	10.00%	19,493,398.00	-	19,493,398.00	5,524,585.32	1,964,968.50	7,489,553.82	12,003,844.18	13,968,812.68
16	Installation	2.00%	10,590,596.00	-	10,590,596.00	12,804.64	421,467.96	434,272.60	10,156,323.40	10,577,791.36
17	Other Fixed Structures	10.00%	604,350.00	-	604,350.00	246,376.20	60,435.00	306,811.20	297,538.80	357,973.80
18	Small Value Assets	100.00%	30,786.00	141,406.00	172,192.00	30,786.00	141,406.00	172,192.00	-	-
	<b>TOTAL (A)</b>		<b>427,085,745.00</b>	<b>10,685,247.00</b>	<b>437,770,992.00</b>	<b>88,396,240.31</b>	<b>49,981,270.92</b>	<b>138,377,511.23</b>	<b>299,393,480.77</b>	<b>338,689,504.69</b>
19	Capital Work in Progress		853,181,585.00	-	853,181,585.00	-	-	-	853,181,585.00	853,181,585.00
	<b>TOTAL (B)</b>		<b>853,181,585.00</b>	<b>-</b>	<b>853,181,585.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>853,181,585.00</b>	<b>853,181,585.00</b>
20	Computer Software	40.00%	60,169,081.00	3,926,864.00	64,095,945.00	51,974,649.27	12,121,295.73	64,095,945.00	-	8,194,432.73
21	E- Journals	40.00%	3,577,008.00	-	3,577,008.00	2,685,206.01	891,801.99	3,577,008.00	-	891,801.99
22	Patents	-	-	-	-	-	-	-	-	-
	<b>TOTAL (C)</b>		<b>63,746,089.00</b>	<b>3,926,864.00</b>	<b>67,672,953.00</b>	<b>54,659,855.28</b>	<b>13,013,097.72</b>	<b>67,672,953.00</b>	<b>-</b>	<b>9,086,233.72</b>
	<b>GRAND TOTAL (A+B+C)</b>		<b>1,344,013,419.00</b>	<b>14,612,111.00</b>	<b>1,358,625,530.00</b>	<b>143,056,095.59</b>	<b>62,994,368.64</b>	<b>206,050,464.23</b>	<b>1,152,575,065.77</b>	<b>1,200,957,323.41</b>

  
Deputy Registrar (F & A)

  
Registrar

  
Director

Place: Aizawl  
Date: 08/09/2018

## National Institute of Technology, Aizawl, Mizoram

### SCHEDULE 4 : FIXED ASSETS (Sponsored Project)

Sl. No.	Assets Heads	Rate of Depreciation	GROSS BLOCK			DEPRECIATION			NET BLOCK			
			As at beginning of the year	Additions	Deductions	As at end of the year	As at beginning of the year	Depreciation charged during the year	Deductions/Adjustment	Total Depreciation	As at end of the year	As at beginning of the year
1	Scientific & Laboratory Equipment	8%	1,131,305.00	-	-	1,131,305.00	136,644.57	90,504.40	-	227,148.97	904,156.03	994,660.43
2	Lib. Books & Scientific Journals	10%	200,565.00	-	-	200,565.00	12,844.14	20,056.50	-	32,900.64	167,664.36	187,720.86
3	Computers & Peripherals	20%	110,339.00	-	-	110,339.00	38,964.35	22,067.80	-	61,032.15	49,306.85	71,374.65
	<b>TOTAL</b>		<b>1,442,209.00</b>	<b>-</b>	<b>-</b>	<b>1,442,209.00</b>	<b>188,453.06</b>	<b>132,628.70</b>	<b>-</b>	<b>321,081.76</b>	<b>1,121,127.24</b>	<b>1,253,755.94</b>

  
Deputy Registrar (F & A)  
Registrar  
NIT Mizoram

Place: Aizawl  
Date: 08/09/2018

  
Registrar  
NIT Mizoram

Registrar

  
Director  
NIT Mizoram

Director

## National Institute of Technology, Aizawl, Mizoram

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

		Amount in Rupees	
		Current Year	Previous Year
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>		-	-

## National Institute of Technology, Aizawl, Mizoram

### SCHEDULE 6 : INVESTMENTS - OTHERS

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

Place: Aizawl  
Date: 08/09/2018

  
उप-कुलसचिव/Dy. Registrar  
(नकद)/(Accounts)  
रा.प्रौ.सं. मिजोरम/NIT Mizoram  
Deputy Registrar (F & A)

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

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

## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 7 : CURRENT ASSETS**

		Amount in Rupees	
		Current Year	Previous Year
<b>1</b>	<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	-	-
	(h) Water supply material	-	-
<b>2</b>	<b>Sundry Debtors:</b>		
	(a) Debts Outstanding for a period exceeding six months	-	-
	(b) Others	-	-
<b>3</b>	<b>Cash and Bank Balances</b>		
	Cash In Hand/Imprest Cash	61,438.00	2,610.00
	(a) With Scheduled Banks:		
	In Current Accounts	53,421,642.00	2,919,398.00
	In Term Deposit Accounts	305,856,961.00	24,356,961.00
	In Savings Accounts	178,223,457.94	72,556,471.50
	(b) With Non- Scheduled Banks:		
	In Term Deposit Accounts	-	-
	In Savings Accounts	-	-
<b>4</b>	<b>Post Office- Savings Accounts</b>	-	-
<b>TOTAL</b>		<b>537,563,498.94</b>	<b>99,835,440.50</b>

Note: Annexure A includes and shows the details of Bank Accounts

Place: Aizawl

Date: 08/09/2018

  
 Deputy Registrar  
 (Accounts)  
 National Institute of Technology Mizoram

Deputy Registrar (F & A)

  
 Registrar  
 National Institute of Technology Mizoram

Registrar

  
 Director  
 National Institute of Technology Mizoram

Director

**ANNEXURE A**

Amount in Rupees

		Amount in Rupees
<b>I. Savings Bank Accounts</b>		
1. Grants from UGC A/c		-
2. University Receipts		-
3. Scholarship A/c		-
4. Academic Fee Receipt A/c		59,347,537.25
5. Development (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		5,632,293.25
10. Sponsorship Fellowship A/c		-
11. Endowment & Chair A/c (EMF)		-
12. UGC JRF Fellowship A/c (EMF)		-
13. HBA Fund A/c		-
14. Conveyance A/c		-
15. UGC Rajeev gandhi Fellowship A/c (EMF)		-
16. Academic Development 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		40,656.00
22. General Savings A/c		113,202,971.44
<b>II. Current Account</b>		53,421,642.00
	<b>SUB-TOTAL (I+II)</b>	<b>231,645,099.94</b>
<b>III. Term Deposit with Schedule Banks</b>		305,856,961.00
	<b>GRAND TOTAL (I+II+III)</b>	<b>537,502,060.94</b>

Place: Aizawl  
Date: 08/09/2018


उप-कुलसचिव/Dy. Registrar  
(निवेश)/(Accounts)  
रा.प्रौ.सं. मिजोरम/NIT Mizoram

Deputy Registrar (F & A)



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

Registrar



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

Director



## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 8 : LOANS, ADVANCES & DEPOSITS**

		Amount in Rupees	
		Current Year	Previous Year
1	Advances to employees: (Non- interest bearing)		
	(a) Salary	-	-
	(b) Festival	-	-
	(c) Medical Advance	-	-
	(d) For Expenses	6,275,672.00	6,962,002.00
2	Long Term Advances to employees (Interest bearing)		
	(a) Vehicle Loan		-
	(b) Home Loan		-
	(d) Others		-
3	Advances and other amounts recoverable in cash or kind or for value to be received:		
	(a) On Capital Account		-
	(b) Suppliers (Letter of Credit)		-
	(d) Others (IRCON)	723,117,860.00	518,717,860.00
4	Prepaid Expenses		
	(a) Insurance		-
	(b) Other expenses		-
5	Deposits		
	(a) Telephone	11,000.00	11,000.00
	(b) Lease Rent		-
	(c) Electricity		-
	(d) AICTE, if applicable		-
	(e) Building on rent	150,000.00	150,000.00
6	Income Accrued		
	(a) On investments from Earmarked/Endowment Funds	-	-
	(b) On Term Deposits	-	-
	(c) On Loans and Advances	-	-
	(d) Others (included 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	-	-
	(d) Other receivables from UGC	-	-
8	Claims Receivable	630,898.00	-
<b>TOTAL</b>		<b>730,185,430.00</b>	<b>525,840,862.00</b>

Place: Aizawl  
Date: 08/09/2018


उप-कुलसचिव/Dy. Registrar  
(नंबर)/(Accounts)  
रा.प्रौ.सं. मिजोरम/NIT Mizoram  
Deputy Registrar (F & A)



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



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

## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 9 : ACADEMIC RECEIPTS**

Particulars	Amount in Rupees	
	Current Year	Previous Year
<b>FEES FROM STUDENTS</b>		
<b>Academic</b>		
1. Tution Fee	16,522,682.00	14,816,108.00
2. Admission fee	200,000.00	-
3. Enrolment Fee		-
4. Library Admission Fee	191,250.00	144,750.00
5. Laboratory Fee		-
6. Art & Craft Fee		-
7. Registration Fee	107,400.00	105,150.00
8. Syllabus Fees		-
<b>TOTAL (A)</b>	<b>17,021,332.00</b>	<b>15,066,008.00</b>
<b>Examinations</b>		
1. Admission Test fee		-
2. Annual Examination fee	285,200.00	226,100.00
3. Mark Sheet, Certificate fee		-
4. Entrance Examination fee		-
<b>TOTAL (B)</b>	<b>285,200.00</b>	<b>226,100.00</b>
<b>OTHER FEES</b>		
1. Indentity card fee	20,750.00	16,500.00
2. Fine/Miscellaneous fee	189,050.00	115,600.00
3. Medical fee	17,200.00	13,950.00
4. Student Aid Fees		-
5. Hostel fee	8,465,022.45	6,608,195.00
6. Development fees	1,032,000.00	851,700.00
<b>TOTAL (c)</b>	<b>9,724,022.45</b>	<b>7,605,945.00</b>
<b>SALE OF PUBLICATIONS</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>		
1. Internet & Computer Maintenance	198,950.00	148,600.00
2. Inter University Cultural Activity	17,200.00	13,950.00
3. Gym, Annual day & Magazine fees	206,400.00	168,650.00
4. Student Aid Fees	36,800.00	29,600.00
5. Training & Placement	86,000.00	69,750.00
6. Convocation	40,900.00	91,300.00
7. Industry Institution Interaction	68,800.00	55,800.00
<b>TOTAL (E)</b>	<b>655,050.00</b>	<b>577,650.00</b>
<b>Total (A+B+C+D)</b>	<b>27,685,604.45</b>	<b>23,475,703.00</b>

Place: Aizawl  
Date: 08/09/2018


उप-कुलसचिव/Dy. Registrar  
(नंबर)/(Accounts)  
रा.प्रौ.सं. मिजोरम/NIT Mizoram

Deputy Registrar (F & A)



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

Registrar



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

Director

## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 10 : GRANTS**

Particulars	Plan			Total Plan	Non Plan UGC	Current Year Total	Previous Year Total
	Govt. of India	UGC					
		Plan	Specific Schemes				
Balance B/F	99,835,440.50	-	-	99,835,440.50	-	99,835,440.50	307,152,417.00
Add: Release for 4th Qtr. 2015-16 but received during the current year	-	-	-	-	-	-	-
Add: Grants for Current year	731,600,000.00	-	-	731,600,000.00	-	731,600,000.00	550,000,000.00
Add: Unutilized Grant adjusted from previous year	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>831,435,440.50</b>	-	-	<b>831,435,440.50</b>	-	<b>831,435,440.50</b>	<b>857,152,417.00</b>
Less refund to UGC	-	-	-	-	-	-	-
<b>Balance</b>	<b>831,435,440.50</b>	-	-	<b>831,435,440.50</b>	-	<b>831,435,440.50</b>	<b>857,152,417.00</b>
Less: Earmarked for capital expenditure	471,600,000.00	-	-	471,600,000.00	-	471,600,000.00	475,000,009.00
Balance	359,835,440.50	-	-	359,835,440.50	-	359,835,440.50	382,152,408.00
Less: Utilised for Revenue Expenditure	128,128,902.56	-	-	128,128,902.56	-	128,128,902.56	282,316,967.50
<b>Balance C/F</b>	<b>231,706,537.94</b>	-	-	<b>231,706,537.94</b>	-	<b>231,706,537.94</b>	<b>99,835,440.50</b>

Amount in Rupees

  
Deputy Registrar  
(Accty./Accounts)  
National Institute of Technology Mizoram

Place: Aizawl  
Date: 08/09/2018

Deputy Registrar (F &amp; A)

  
Registrar  
National Institute of Technology Mizoram

Registrar

  
Director  
National Institute of Technology Mizoram

Director

# National Institute of Technology, Aizawl, 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: 08/09/2018

  
उप-कुलसचिव/Dy. Registrar  
(निवेश)/(Accounts)  
रा.प्रौ.सं. मिजोरम/NIT Mizoram  
Deputy Registrar (F & A)

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

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

## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 12 : INTEREST EARNED**

Amount in Rupees

Particulars	Current Year	Previous Year
INTEREST EARNED ON BANK SAVINGS/DEPOSITS		
1. (a) On Savings Accounts with Scheduled Banks	9,256,733.00	10,264,186.00
(b) On Term Deposit A/c with Scheduled Bank	1,442,995.00	1,487,326.00
2. On Loans		
a) Employees/Staff	-	-
b) Others	-	-
3. On Debtors and other Receivables	-	-
<b>TOTAL</b>	<b>10,699,728.00</b>	<b>11,751,512.00</b>

Place: Aizawl  
Date: 08/09/2018


उप-कुलसचिव/Dy. Registrar  
(निर्वाह)/(Accounts)  
रा.प्रौ.सं. मिज़ोरम/NIT Mizoram  
Deputy Registrar (F & A)



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



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

## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 13 : OTHER INCOME**

Particulars	Amount in Rupees	
	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		8,000.00
4. Electricity Charges Recovered		-
5. Water Charges recovered		-
<b>TOTAL</b>		<b>8,000.00</b>
<b>B. Sale of Institutions Publications</b>	-	-
<b>TOTAL</b>	-	-
<b>C. Income from Holding Events</b>		
1. Gross Receipts from Annula Function/Sports carnival	-	-
Less: Direct Expenditure incurred on the annual function/sports carnival	-	-
2. Gross Receipts from Fetes	-	-
Less: Direct Expenmditure incurred on the fetes	-	-
2. Gross Receipts for educational tours	-	-
Less: Direct Expenditure incurred on the tours	-	-
4. Others (to be Specified and seperately disclosed)	-	-
<b>TOTAL</b>	-	-
<b>D. Others</b>		
1. Income from Consultancy	-	-
2. Ph.d. Admission Fees		36,800.00
3. Recruitment Fees		23,300.00
4. Income from Sponsorship		97,000.00
5. Sale of Application Form		22,175.00
6. Misc. receipts (Sponsered Project Overhead & Others)	936,583.00	363,789.50
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	3,400.00	36,200.00
<b>TOTAL</b>	<b>939,983.00</b>	<b>579,264.50</b>
<b>GRAND TOTAL (A+B+C+D)</b>	<b>939,983.00</b>	<b>587,264.50</b>

Place: Aizawl

Date: 08/09/2018



उप-कुलसचिव/Dy. Registrar  
(नंबर)/(Accounts)  
रा.प्रौ.सं. मिजोरम/NIT Mizoram

Deputy Registrar (F &amp; A)



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

Registrar



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

Director

## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 14 : PRIOR PERIOD INCOME**

Amount in Rupees

Particulars	Current Year	Previous Year
1. Academic Receipts	41,700.00	-
2. Income from Investments	-	-
3. Interest earned	1,658,975.00	-
4. Misc. Income	12,806,650.69	1,235,560.00
5. CCMT	200,000.00	
6. CSAB	307,606.00	
7. SPONSERSHIP	157,000.00	
8. Tender Income	300.00	
<b>TOTAL</b>	<b>15,172,231.69</b>	<b>1,235,560.00</b>

Place: Aizawl  
Date: 08/09/2018


उप-कुलसचिव/Dy. Registrar  
(नेवऱ)/(Accounts)  
रा.प्रौ.सं. मिजोरम/NIT Mizoram

Deputy Registrar (F & A)



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

Registrar



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

Director



## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 15 : STAFF PAYMENTS & BENEFITS***(Establishment Expenses)*

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non-Plan	Total	Plan	Non-Plan	Total
a) Salaries and Wages	55,842,763.00	-	55,842,763.00	42,342,699.00	-	42,342,699.00
b) Allowance & Bonus		-	-	127,798.00	-	127,798.00
c) Contribution to Pension	2,181,808.00	-	2,181,808.00	-	-	-
d) Contribution to other fund		-	-	3,241,562.00	-	3,241,562.00
e) Staff Welfare expenses	226,210.00	-	226,210.00	131,009.00	-	131,009.00
f) Membership & Professional Expenses	86,361.00	-	86,361.00	-	-	-
g) LTC facility	491,940.00	-	491,940.00	309,840.00	-	309,840.00
h) Medical facility	1,732,734.00	-	1,732,734.00	1,140,385.00	-	1,140,385.00
i) Children Education Allowance	153,761.00	-	153,761.00	141,345.00	-	141,345.00
j) Honorarium	45,500.00	-	45,500.00	810,941.00	-	810,941.00
k) Others (CPDA & Patent)	2,219,301.00	-	2,219,301.00	94,229.00	-	94,229.00
<b>TOTAL</b>	<b>62,980,378.00</b>	<b>-</b>	<b>62,980,378.00</b>	<b>48,339,808.00</b>	<b>-</b>	<b>48,339,808.00</b>

Place: Aizawl  
Date: 08/09/2018


उप-कुलसचिव/Dy. Registrar  
(निवेश)/(Accounts)  
रा.प्रौ.सं. मिजोरम/NIT Mizoram

Deputy Registrar (F & A)



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

Registrar



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

Director

## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 16 : ACADEMIC EXPENSES**

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non-Plan	Total	Plan	Non-Plan	Total
a) Laboratory expenses	455,948.00	-	455,948.00	479,102.00	-	479,102.00
b) Research Activities		-	-	94,000.00	-	94,000.00
c) Expenses on Seminars/ Workshops	378,382.00	-	378,382.00	99,721.00	-	99,721.00
d) Payment to Visiting faculty	519,814.00	-	519,814.00	1,021,888.00	-	1,021,888.00
e) Examination	112,025.00	-	112,025.00	-	-	-
f) Students Welfare Expenses	13,629,892.00	-	13,629,892.00	444,423.00	-	444,423.00
g) Admission expenses		-	-	-	-	-
h) Convocation Expenses		-	-	450,242.00	-	450,242.00
i) Publications		-	-	-	-	-
j) Remuneration	462,800.00	-	462,800.00	689,891.00	-	689,891.00
k) Training & Placement		-	-	9,150.00	-	9,150.00
l) Hostel Expenses		-	-	5,235,477.00	-	5,235,477.00
m) Research Activities	128,000.00	-	128,000.00	-	-	-
n) Laboratory Consumables		-	-	-	-	-
<b>TOTAL</b>	<b>15,686,861.00</b>	<b>-</b>	<b>15,686,861.00</b>	<b>8,523,894.00</b>	<b>-</b>	<b>8,523,894.00</b>

Place: Aizawl  
Date: 08/09/2018


उप-कुलसचिव/Dy. Registrar  
(वेतन)/(Accounts)  
रा.प्रौ.नं. मिजोरम/NIT Mizoram  
Deputy Registrar (F & A)



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



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

## National Institute of Technology, Aizawl, Mizoram

**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	1,486,714.00	-	1,486,714.00	1,209,992.00	-	1,209,992.00
b) Water Charges	1,096,538.00	-	1,096,538.00	910,576.00	-	910,576.00
c) Insurance, security	4,437,876.00	-	4,437,876.00	4,441,992.00	-	4,441,992.00
d) Rent, Rates and Taxes (Including property tax)	16,931,850.00	-	16,931,850.00	12,397,507.00	-	12,397,507.00
e) Casual Workers/daily wages	264,639.00	-	264,639.00	95,630.00	-	95,630.00
f) Sanitary/Housekeeping Expenses	2,104,182.00	-	2,104,182.00	2,537,455.00	-	2,537,455.00
<b>B. Communication</b>						
a) Postage and Stationery	16,990.00	-	16,990.00	10,742.00	-	10,742.00
b) Telephone, fax and Internet charges	151,908.00	-	151,908.00	60,869.00	-	60,869.00
c) Others Office Expense	60,307.00	-	60,307.00	295,892.00	-	295,892.00
d) Printing and stationery (Consumption)	927,801.00	-	927,801.00	944,343.00	-	944,343.00
e) Travelling and Conveyance expenses	1,325,057.00	-	1,325,057.00	3,586,905.00	-	3,586,905.00
f) Hospitality	348,614.00	-	348,614.00	474,793.00	-	474,793.00
g) Auditors Remuneration	21,800.00	-	21,800.00	100,000.00	-	100,000.00
h) Honorarium & Allowances	381,151.00	-	381,151.00	-	-	-
i) Advertisment & Publicity	536,428.00	-	536,428.00	511,928.00	-	511,928.00
j) Magazines & Journals	117,560.00	-	117,560.00	79,620.00	-	79,620.00
l) NIT Transit house	500,000.00	-	500,000.00	-	-	-
<b>C. Miscellaneous Expenses</b>	255,995.75	-	255,995.75	169,915.00	-	169,915.00
<b>TOTAL</b>	<b>30,965,410.75</b>	<b>-</b>	<b>30,965,410.75</b>	<b>27,828,159.00</b>	<b>-</b>	<b>27,828,159.00</b>

Place: Aizawl  
Date: 08/09/2018


उप-कुलसचिव/Dy. Registrar  
(नेवर्क)/(Accounts)  
रा.प्रौ.सं. मिजोरम/NIT Mizoram

Deputy Registrar (F & A)



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

Registrar



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

Director

## National Institute of Technology, Aizawl, 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	230,840.00	-	230,840.00	41,392.00	-	41,392.00
b) Repairs and Expenses		-	-	259,348.00	-	259,348.00
c) Insurance Expenses		-	-	-	-	-
d) Driver Wages		-	-	-	-	-
2. Vehicles taken on Rents/lease						
a) Rent/lease expenses	5,491,930.00	-	5,491,930.00	5,036,573.00	-	5,036,573.00
3. Vehicles(Taxi) hiring expenses		-	-	42,500.00	-	42,500.00
<b>TOTAL</b>	<b>5,722,770.00</b>	<b>-</b>	<b>5,722,770.00</b>	<b>5,379,813.00</b>	<b>-</b>	<b>5,379,813.00</b>

Place: Aizawl

Date: 08/09/2018



उप. कुलसचिव/Dy. Registrar  
(नेहरू)/(Accounts)  
रा.प्रौ.सं. मिजोरम/NIT Mizoram

Deputy Registrar (F &amp; A)



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

Registrar



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

Director

# National Institute of Technology, Aizawl, Mizoram

## SCHEDULE 19 : REPAIRS & MAINTENANCE

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non-Plan	Total	Plan	Non-Plan	Total
a) Buidings	1,548,076.00	-	1,548,076.00	331,111.00	-	331,111.00
b) Furnitures & Fixtures		-	-	-	-	-
c) Plant and Machinery		-	-	454,934.00	-	454,934.00
d) Office Equipment	138,108.00	-	138,108.00	10,250.00	-	10,250.00
e) Computers		-	-	24,050.00	-	24,050.00
f) Laboratory & Scientific equipment		-	-	-	-	-
g) Audio Visual equipment		-	-	-	-	-
h) Cleaning Materials & Services		-	-	-	-	-
i) Book Binding Charges		-	-	-	-	-
j) Gardening		-	-	-	-	-
k) Estate maintenance		-	-	-	-	-
l) Vehicle	155,670.00	-	155,670.00	-	-	-
m) Electrical Maintanance		-	-	-	-	-
<b>TOTAL</b>	<b>1,841,854.00</b>	<b>-</b>	<b>1,841,854.00</b>	<b>820,345.00</b>	<b>-</b>	<b>820,345.00</b>

Place: Aizawl  
Date: 08/09/2018

  
उप-कुलसचिव/Dy. Registrar  
(निवेद)/Accounts  
रा.प्रौ.सं. मिजोरम/NIT Mizoram  
Deputy Registrar (F & A)

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

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

## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 20 : REPAIRS & MAINTENANCE**

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non-Plan	Total	Plan	Non-Plan	Total
a) Bank charges	14,497.25	-	14,497.25	6,778.50	-	6,778.50
b) Others(Specify)	-	-	-	-	-	-
<b>TOTAL</b>	<b>14,497.25</b>		<b>14,497.25</b>	<b>6,778.50</b>		<b>6,778.50</b>

Place: Aizawl  
Date: 08/09/2018


उप. कुलसचिव/Dy. Registrar  
(निर्वाह)/(Accounts)  
रा.प्रौ.सं. मिजोरम/NIT Mizoram  
Deputy Registrar (F & A)



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



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

# National Institute of Technology, Aizawl, 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)	-	-	-	-	-	-
<b>TOTAL</b>	-	-	-	-	-	-

Place: Aizawl  
Date: 08/09/2018

  
उप-कुलसचिव/Dy. Registrar  
(निःसं)/Accounts  
रा.प्रौ.सं. मिजोरम/NIT Mizoram  
Deputy Registrar (F & A)

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

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



## National Institute of Technology, Aizawl, Mizoram

**SCHEDULE 22 : OTHER EXPENSES**

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non-Plan	Total	Plan	Non-Plan	Total
1. Establishment expenses	-	-	-	-	-	-
2. Academic Expenses				340,562.00	-	340,562.00
3. Administrative Expenses				74,750.00	-	74,750.00
4. Transportation expenses				-	-	-
5. Repairs & Maintenance	-	-	-	-	-	-
6. Other Expenses	65,264.00	-	65,264.00	-	-	-
<b>TOTAL</b>	<b>65,264.00</b>	<b>-</b>	<b>65,264.00</b>	<b>415,312.00</b>	<b>-</b>	<b>415,312.00</b>

Place: Aizawl  
Date: 08/09/2018


उप-कुलसचिव/Dy. Registrar  
(निःसं)/Accounts  
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Deputy Registrar (F & A)



Registrar  
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NIT Mizoram  
Registrar



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

## National Institute of Technology, Aizawl, Mizoram

## Receipts and payments Account for the year Ended 31st March, 2018

Amount in Rupees

RECEIPTS	Current Year	Previous Year	PAYMENTS	Current Year	Previous Year
<b>I. Opening Balances</b>			<b>I. Expenses</b>		
a) Cash Balances	2,610.00	108,540.00	a) Establishment Expenses	58,771,798.00	48,100,273.00
b) Bank Bank Balance			b) Academic Expenses	14,165,017.00	2,758,210.00
i) Current accounts	2,919,398.00	4,446,714.00	c) Administrative Expenses	29,292,803.00	31,956,962.00
ii) Deposits accounts			d) Transportation Expenses	5,127,164.00	5,374,147.00
iii) Savings Accounts	72,556,471.50	281,111,812.00	e) Repairs and Maintenance	1,818,494.00	836,029.00
<b>II. Grants Received</b>			f) Expenses Payable	5,790,683.00	
a) From Government of India	731,600,000.00	550,000,000.00	g) Prior Period Expenses	66,126.75	
b) From State Government					-
<b>III. Academic Receipts</b>			<b>II. Payments against Earmarked/Endowment</b>		
a) Fees from Students	19,042,300.31	16,856,708.00			
b) Hostel & Mess Fees	2,389,111.00	6,733,603.00	<b>III. a) Payments against Sponsorship Projects/Schemes</b>	5,768,551.25	1,828,231.50
c) other Received	40,800.00		<b>b) Payment against GIAN Fund</b>		2,651,725.00
e) Prior Period Income	15,172,231.69				
<b>IV. Receipts against Earmarked/Endowment Funds</b>			<b>IV. Payments against Sponsorship Fellowship/scholarships</b>	5,356,810.00	3,775,370.00
<b>V. a) Receipts against Sponsorship Projects/Schemes &amp; Other's Fund</b>	5,932,707.00	6,692,286.00	<b>V. Investments and Deposits made</b>		
<b>b) Receipt against GIAN &amp; NAMPPET-II, UBA &amp; Maverick Fund</b>		3,830,500.00	a) Out of Earmarked/Endowment funds		-
<b>VI. Receipts against sponsorship Fellowships and scholarships</b>	6,616,680.00	2,693,010.00	b) Out of own funds (Investment-others)	500,000,000.00	-
<b>VII. Income on Investment from</b>			<b>VI. Term deposits with Scheduled Banks</b>		-
a) Earmarked/Endowment funds			<b>VII. Expenditure on Fixed Assets and Capital Works-in-Progress</b>		
b) Other Investments	218,500,000.00		a) Fixed Assets(Institute)	7,072,131.00	44,627,663.00
<b>VIII. Interest received on</b>			Fixed Assets(Sponsored Project)		106,964.00
a) Investments/Term Deposit	1,442,995.00		b) Capital Works-in-Progress		221,386,007.00
b) Loans and advances			<b>VIII. Other payments including statutory payment</b>		-
c) Savings bank Accounts	9,256,733.00	10,264,186.00	a) NPS deducted		10,733,645.00
<b>IX. Investments encashed</b>					
<b>X. Term Deposits with Scheduled Banks encashed</b>			<b>IX. Refunds of Excess Receipt</b>	2,954,960.00	1,217,792.00
<b>XI. Other Income</b>			<b>X. Deposits and Advances</b>		9,498,820.00
a) Tender fees	3,100.00	36,200.00	Advance to NIT Staff	8,505,717.00	
b) Recruitment fees		23,300.00	Advance to IRCON	204,400,000.00	
c) RTI Fess	300.00	10,800.00	TEQIP	2,282,996.00	
d) Income from Sponsorship	2,523,306.00	97,000.00			
e) Misc receipts	491,774.69	150,000.00			
f) Overhead Income	530,000.00		<b>XI. Other payments</b>		
			Letter of Credit		-

## National Institute of Technology, Aizawl, Mizoram

## Receipts and payments Account for the year Ended 31st March, 2018

Amount in Rupees

RECEIPTS	Current Year	Previous Year	PAYMENTS	Current Year	Previous Year
<b>XII. Deposits and Advances</b>			Excess Fees refunded		-
a) Library Deposit	76,500.00	44,500.00	Science Fund	619,000.00	
b) Unpaid Amount to Graphic		3,620,568.00			
c) Security Deposit	40,000.00	-			
d) EMD Received	482,000.00	9,470,000.00	Bank Charges	14,497.25	6,778.50
e) Recovered from NIT Staff	7,551,990.00	4,900,603.00	Prior Period Academic Expenses		340,562.00
f) IRCON		-	Prior Period Administration Expenses		-
g) Caution Money(Refundable)	173,000.00	134,500.00			
h) Excess Deposit(Refundable)	9,266,725.00	1,356,096.00	<b>XII. Sundry Creditor</b>		
i) Earnest Money			Earnest Money Deposit	163,000.00	9,959,000.00
j) Advance Recoveries	280,000.00		It Is The Master Software		-
k) GPF & GIS	445,000.00		IRCON Work Advance		437,591,445.00
l) GSLI	450.00		Graphic Traders	26,015,809.00	
m) Income Tax TDS	6,675,052.00		Security Deposit	40,000.00	
n) New Pension Scheme Employees Share	3,370,846.00		Advance recoveries	280,000.00	
o) Professional Tax	296,170.00		GPF & GIS	445,000.00	
p) Recurring Deposit of Trainee Teachers	458,800.00		GSLI	450.00	
<b>XIII. Miscellaneous Receipts including Statutory Receipts</b>		82,264.50	Income Tax TDS	6,675,052.00	
			New Pension Scheme Employees Share	2,510,053.00	
<b>XIV. Other receipts</b>			Professional Tax	160,620.00	
a) NPS deducted not deposited		5,564,913.00	Recurring Deposit of Trainee Teachers	458,800.00	
b) EPF deducted not deposited		-	<b>XIII. Closing Balances</b>		
c) Refundable Excess academic receipts		-	a) Cash in hand/Imprest Cash	61,438.00	2,610.00
d) Balance withheld from M/s It is master software		-	b) Bank Balances		
e) Rembershment from NPIU		-	In Current Accounts	53,421,642.00	2,919,398.00
f) CCMT Fund	503,591.00		In Savings Accounts	178,223,457.94	72,556,471.50
h) Reimbuersment from NPIU For TEQIP	1,821,428.00		In Deposits Accounts		-
<b>TOTAL</b>	<b>1,120,462,070.19</b>	<b>908,228,103.50</b>	<b>TOTAL</b>	<b>1,120,462,070.19</b>	<b>908,228,103.50</b>



उप-कुलसचिव/Dy. Registrar  
(नकद)/(Accounts)  
राष्ट्रीय प्रौद्योगिकी संस्थान/ NIT Mizoram

Deputy Registrar (F &amp; A)



Registrar  
कुलसचिव/Registrar  
राष्ट्रीय प्रौद्योगिकी संस्थान  
NIT Mizoram

Registrar



निदेशक/Director  
राष्ट्रीय प्रौद्योगिकी संस्थान/ NIT  
मिज़ोरम/ Mizoram

Director

Place: Aizawl

Date: 08/09/2018



Anunaad, Cultural Fest, 31st October, 2018





Technical Fest, 2017