

# **ANNUAL REPORT**

**2015-2016**



মহাশিক্ষাৰ মহাবিদ্যালয়ৰ পৰা সঞ্চালিত হৈছে  
মণিপুর ইনষ্টিটিউট অফ টেকনোলজী

## **MANIPUR INSTITUTE OF TECHNOLOGY**

*(A Constituent College of Manipur University)*

**(An AICTE-NEQIP Funded Institute)**

**Takyelpat, Imphal - 795004: MANIPUR**

Website: [www.mitimphal.in](http://www.mitimphal.in)

e-mail: [principal@mitimphal.in](mailto:principal@mitimphal.in)

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## 1. INTRODUCTION

The Manipur Institute of Technology (erstwhile Government College of Technology) was established on 28th August 1998 by the Government of Manipur as the first Engineering College in the State. On 31st December 2003, the College was renamed as Manipur College of Technology and the management of the College was handed over to a Society headed by the Hon'ble Chief Minister of Manipur as Chairman. Further, the Institute was renamed as Manipur Institute of Technology (MIT) since 4th February 2005. MIT became a Constituent College of Manipur University w.e.f. 13th October 2005 by an Act of Parliament, called 'Manipur University Act. 2005' No. 54 of 2005 and run under Manipur University Ordinance B-17. The institute is covered under AICTE-NEQIP scheme for 3 (three) years vide sanction letter No. AICTE/UB/36/NEQIP/Mani/Deg/ MIT18/2013/260 dated 30/01/2014.

### Our Vision



Excellence in Engineering Education and Technology with Global Leadership in Human Resource Development.

## **Our Mission**

To advance and spread knowledge in the area of engineering & technology leading to all round development and creation of wealth and welfare of humanity.

## **2. CAMPUS INFORMATION**

### **2.1 Main Campus (Takyelpat)**

MIT main campus at Takyelpat is located just adjacent to NH 37 (New Cachar Road) approximately 4 kms. from the heart of Imphal City. It is 6 kms from Imphal International Airport, Imphal.

### **2.2 Manipur University Campus (Canchipur)**

MIT Manipur University Campus is located at Canchipur, Imphal West, Manipur. The university campus is spread over an area of 287 acres in the historic Canchipur which is the site of the old palace of Manipur “The Langthabal Konung (Palace)” which was established by Maharaja Ghambhir Singh in 1827 AD just after the liberation of Manipur from Burmese (Myanmar) occupation. Maharaja Gambhir Singh took his last breath at Canchipur. Canchipur is also the Birth Place of Dr.Lamabam Kamal, a renowned poet of Manipur. It is located along the National Highway (NH-2) at about 8 km. from the heart of the Imphal City and 12 km. from Imphal International Airport.

## **3. ADMINISTRATION**

### **3.1 The Board of Governors**

The Board of Governors constituted by Manipur University is the highest body that approves and permits all major decisions of the Institute. The structure of the Governing Body is as below:

- |       |  |                       |
|-------|--|-----------------------|
| i.    | Vice-Chancellor, Manipur University (ex-officio)   | - Chairman            |
| ii.   | Registrar, Manipur University (ex-officio)   | - Member              |
| iii.  | One Member nominated by the Chief Rector   | - Member              |
| iv.   | Finance Officer, Manipur University (ex-officio)   | - Member              |
| v.    | Two Members of the Executive Council nominated by the Executive Council, Manipur University          | - Member              |
| vi.   | Dean School of Engineering   | - Member              |
| vii.  | One member not connected with the University nominated by the Executive Council                      | - Member              |
| viii. | One Professor or Reader of the Institute by rotation according to seniority for a period of one year | - Member              |
| ix.   | One Reader or Lecturer of the Institute by rotation according to seniority for a period of one year  | - Member              |
| x.    | One nominee of the AICTE   | - Member              |
| xi.   | Principal of the Institute (ex-officio)  | - Member<br>Secretary |

### **3.2 The Dean of School of Engineering**

Dean of School of Engineering looks after the academic affairs of the institute.

### **3.3 The Principal**

The head of the institute is the Principal and looks after the function of the institute.

### **3.4 The Heads of Department**

The Head of the Department looks after all the affairs pertaining to the respective Department.

### **3.5 The Administrative Officer**

The Administrative Officer is the head of the non-teaching staff of the Institute.

### **3.6 The Wardens**

The wardens are the heads of the students' hostels.

### **3.7 Other Committees**

Purchase Committee, Admission Committee, Library Committee, Examination Committee, Hostel Advisory Committee, Sexual Harassment Committee, Anti-ragging Committee and other Committees of the Institute assist the Principal of the Institute.

## **4. ACADEMIC PROGRAMMES AND COURSES OFFERED**

The Institute offers the following AICTE approved undergraduate B.E. courses.

<b>Sl.No.</b>	<b>Branch</b>	<b>Intake</b>
1.	Civil Engineering (CE)	25
2.	Electronics & Communication Engineering (ECE)	45
3.	Computer Science & Engineering (CSE)	45

## **5. ADMISSION PROCEDURE**

The admission is on All India basis based on the rank/marks of the JEE (Main). A cut off mark/rank for JEE (Main) shall be decided by the Institute for admission.



**6. ACADEMIC DEPARTMENTS****6.1 Department of Civil Engineering****Year of Establishment : 1998****Course Offered : B.E. (Civil Engineering)****Faculty members**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Area of Research Interest</b>
1	Dr. Th. Kulachandra Singh, Ph.D	Professor	Soil Engg.
2	Dr.Thokchom Suresh Singh, Ph.D	Associate Professor	Structural Engg.
3	Dr. Th. Kiranbala Devi, Ph.D	Asst. Professor (S-3) & Head	Structural Engg.
4	Dr. Th. Somchand Singh, Ph.D	Asst. Professor	Water Resources Engg.
5	Dr. Y. Arunkumar Singh, Ph.D	Asst. Professor	Transportation Engg.
6	Sangeeta Sougrakpam, M.Tech	Asst. Professor	Water Resources Engg.
7	Dr. K. Rambha Devi, Ph.D	Asst. Professor	Geotechnical Engg.
8	N. Premananda Singh, M.Tech	Asst. Professor	Environmental Engg.
9	N. Sukumar Singh, M.Tech	Asst. Professor	Structural Engg.
10	N. Nganthoi, M.Tech	Guest Lecturer	Water Resources Engg.

**Sponsored Research Projects under AICTE-NEQIP : Nil****Member- Professional Bodies**

<b>Sl. No.</b>	<b>Name of the Faculty member</b>	<b>Name of Professional Body</b>	<b>Type of Membership</b>
1.	Dr. Th. Suresh Singh	IEI, ACI, ASCE, ISCMS	Life
2.	Dr. Th. Kiranbala Devi	IEI, ICI, IAENG	Life
3.	Dr. Y. Arunkumar Singh	IRC, IEI	Life
4.	Dr. Th. Somchand Singh	IEI	Life
5.	Ms. Sangeeta Shougrakpam	IEI	Life
6.	Dr. K. Ramba Devi	IEI, ICI, IGS	Life

**Seminar/Workshop/Conference/Symposium Organized (Name of the Teacher, Name of the Seminar/Workshop/Conference/Symposium, Place, Date/Duration) : Nil**

**Seminar/Workshop/Conference/Symposium Attended (Name of the Teacher, Name of the Seminar/Workshop/Conference/Symposium, Place, Date/Duration) : Nil**

**Orientation Courses/ Refresher Courses/Short term Training Programme Organized (Name of the Teacher, Title of the Course, Place, Duration/Date) : Nil**

**Orientation Courses/ Refresher Courses/Short term Training Programme Attended (Name of the Teacher, Title of the Course, Duration, Place):**

Sl. No.	Particulars	Duration
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**Dr. Thokchom Suresh Singh, Associate Professor**

1.	STTP on “Renewable Energy and Emerging Technology” organised by NITTTR. Kolkata	17 /12 to 22/12/15
2.	STTP on “Earthquake Resistant Design of RCC buildings” organised by NITTTR. Kolkata	18/01 to 22/01/16
3.	STTP on “Introduction to Computational Analysis for Engineering Problems” organised by MIT, Imphal under AICTE-NEQIP	04/02 to 09/02/16

**Dr.Yendrembam Arunkumar Singh, Assistant Professor**

1.	STTP on “Renewable Energy and Emerging Technology” organised by NITTTR. Kolkata	17 /12 to 22/12/15
2.	STTP on “Introduction to Computational Analysis for Engineering Problems” organised by MIT, Imphal under AICTE-NEQIP	04/02 to 09/02/16

**Dr. Th. Somchand Singh, Assistant Professor**

1.	STTP on “Introduction to Computational Analysis for Engineering Problems” organised by MIT, Imphal under AICTE-NEQIP	04/02 to 09/02/16
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**Dr. Th. Kiranbala Devi, Assistant Professor**

1.	10 Days In-House Training Programme on “Tally” organised by MIT, Imphal (under AICTE-NEQIP)	20/01 to 1/02/16
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2.	STTP on “ Introduction to Computational Analysis for Engineering Problems” organised by M IT, Imphal under AICTE-NEQIP	04/02 to 09/02/16
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**Dr. K. Rambha Devi, Assistant Professor**

1.	STTP on “Renewable Energy and Emerging Technology” organised by NITTTR. Kolkata	17 /12 to 22/12/15
2.	“Educational Technology for Engineering Teachers” online course conducted by IIT, Bombay	07/01 to 7/12/16

**N. Premananda Singh, Assistant Professor**

1	STTP on “Introduction to Computational Analysis for Engineering Problems” organised by MIT, Imphal under AICTE-NEQIP	04/02 to 09/02/16
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**N. Sukumar Singh, Assistant Professor**

1.	STTP on “Introduction to Computational Analysis for Engineering Problems” organised by MIT, Imphal under AICTE-NEQIP	04/02 to 09/02/16
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**Books/ Monographs etc. Published (Name of the Teacher, Name of the Book, Name of the Publisher): Nil**

**Invited Lectures Delivered/Session Chaired (Name of the teacher, Type of Participants, Name of the Seminar/Conference etc. Place, Duration):**

**Dr.Th. Kiranbala Devi, Assistant Professor**

1. Delivered a talk on Disaster Management – a preparedness for North East region in connection with 3 days State Level Training Program for NGO/ Trade Union Activities of N E Region (Manipur) held during 14-18 February 2016 at Imphal.

**Papers Published in Journals (Name of the Teacher, Name of the Articles, Name of the Journal, Date of Publication, Volume):**

**Dr.Th. Somchand Singh, Assistant Professor**

1. **Singh, Th. S.** “Application of Multi-objective Optimization Techniques on Optimal Groundwater Remediation Design”, International Journal of Engineering and Advanced Technology, 4(6), 282-285. August, 2015.
2. **Singh, Th. S.**, “Impact of Well Locations on the Cost of Reclamation of Aquifers”, International Journal of Modern Communication Technologies & Research, 3(8), 24-27. August, 2015.
3. **Singh, Th. S.**, “Management of Construction Waste Materials: A Review”, International Journal of Geology, Agriculture and Environmental Sciences, 3(8), 23-27. August, 2015.

**Dr.Th. Kiranbala Devi, Assistant Professor**

1. **Devi, Th. Kiranbala** and S. Elizabeth “Seismic Protection of Non – Engineered Building in North East India”, International Journal of Engineering and Advanced Technology, 5(2), 125-131, December, 2015.
2. **Devi, Th. Kiranbala**, Devi, S. Sandhyarani and U. Christina “Seismic Vulnerability Assessment of Existing Buildings in Imphal City”, International Journal of Innovative Science and Modern Engineering, 4(1), 7-15, December, 2015.

**Dr. K. Rambha Devi, Assistant Professor**

1. **Devi, K. Rambha**, “Shear Strength of Organic Clay in Kolkata Region”, Indian Geotechnical Journal, 45(1), 25–34
2. **Devi, K. Rambha** “Study on Consolidation and Correlation with Index Properties of Different Soils in Manipur Valley,” International Journal of Engineering Research and Development, Volume 11(05) (May 2015), PP.57-63.

**N. Premananda Singh, Assistant Professor**

**1. Singh, N.P.,** Gokhale, S. (2015) "A Method to Estimate Spatiotemporal Air Quality in an Urban Traffic Corridor", Science of the Total Environment 538, 458-467.

**Papers Published/Presented in Conferences (Name of the Teacher, Name of the Articles, Name of the Conference, Place, Date):**

**Dr. Th. Somchand Singh, Assistant Professor**

**1. Singh, Th. Somchand** "Disposal of Plastic Waste and Stone Dust: A Sustainable Development Approach", 2015 International Conference on Environmental Science and Sustainable Development (ICESSD2015), 25-26 Oct. 2015, Bangkok, Thailand.

**N. Premananda Singh, Assistant Professor**

**1. Singh, N.P.** and Gokhale, S. (2015) "Estimation of Emission Source Reduction Using Best-Fit Statistical Distribution of Measured Pollutants Within an Urban Traffic Corridor". National Conference on Challenges in Environmental Research, Indian Institute of Technology Guwahati, June 2015, India.

**Laboratories:**

1. Soil Mechanic Lab.,
2. Fluid Mechanic Lab.,
3. Surveying Lab.,
4. Structural Lab.,
5. Transportation Lab.
6. Environmental Lab
7. CAD Lab.,

**Major Equipment:**

1. Microprocessor based UV-visible Spectrophotometer
2. Tri-Axial testing Apparatus
3. Portable DO Meter
4. Digital Control BOD Incubator
5. Trimble Total Station
6. Digital Flame Photometer
7. Electrical Analogy Apparatus
8. Hele-Shaw Apparatus
9. Water Hammer Surge Apparatus
10. Marshal Apparatus

**Administrative/Co-Curricular/Other Additional Positions held by the faculty**

Sl. No	Name	Designation	Additional Duty	Duration	
				From	To
1.	Dr.Th. Somchand Singh	Assistant Professor	Coordinator, AICTE-NEQIP	13/02/2014	Till date
2.	Dr. Th. Kiranbala Devi	Assistant Professor	Examination Convenor	23/09/2015	Till date
			Co-Coordinator, AICTE-NEQIP	13/02/2014	Till date
3.	Dr. K. Rambha Devi	Assistant Professor	Warden, Girls Hoste	01/10/2013	30/09/2015

**6.2 Department of Electronics And Communication Engineering****Year of Establishment: 1998****Course Offered : B.E. (Electronics and Communication Engineering)****Faculty members**

<b>Sl. No</b>	<b>Name</b>	<b>Designation</b>	<b>Area of Research Interest</b>
1.	Dr.N.Basanta Singh, Ph.D	Associate Professor	Micro & Nano Devices
2.	Romesh Laishram, M.E	Asst. Professor & Head	Communication & Signal processing, Image Processing, Swarm Intelligence, Robotics, VLSI
3.	Kh. Jolson Singh, M.E	Asst. Professor	Devices, Biomedical Engineering
4.	Ms.Kh. Renuca, M.E	Asst. Professor	Communication
5.	Ms.Ghaneshori Thingbajam, M.E	Asst. Professor	Communication
6.	Ms.Sharmila Meinam, M.E	Asst. Professor	Communication
7.	Ms.Balarampyari Devi, B.Tech	Asst. Professor	VLSI & Embedded system
8.	Syed Mujibur Rahman, M.E.	Asst. Professor (Mech. Engg.)	Thermal Engineering and Renewable Energy
9.	Th. Suka Deba Singh, M.E.	Asst. Professor (Electrical) Signal processing	Control System, Measurement,
10	Sinam Sarda Devi, M.Tech.	Guest Lecturer	Microwave Engineering



**Sponsored Research Projects: Nil****Member – Professional Body**

Sl. No.	Name of the Faculty member	Name of Professional Body	Type of Membership
1.	Dr. N. Basanta Singh	IETE	Life
		CSI, IEEE	Member
2	Syed Mujibur Rahman	SESI	Life
3	Romesh Liashram	IEEE, IETE	Life
4	Kh. Jolson Singh	IASED	Life

**Seminar/Workshop/Conference/Symposium Organized (Name of the Teacher, Name of the Seminar/Workshop/Conference/Symposium, Place, Date/Duration): Nil**

**Seminar/Workshop/Conference/Symposium Attended (Name of the Teacher, Name of the Seminar/Workshop/Conference/Symposium, Place, Date/Duration): Nil**

**Orientation Courses/ Refresher Courses/Short term Training Programme Organized (Name of the Teacher, Title of the Course, Place, Duration/Date):**

**Syed Mujibur Rahman, Assistant Professor**

1. STTP on “Introduction to Computational Analysis for Engineering Problems” held between 4 to 9, February, 2016 at MIT, Imphal.

**Orientation Courses/ Refresher Courses/Short term Training Programme Attended (Name of the Teacher, Title of the Course, Duration, Place):**

Sl. No.	Particulars	Duration
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**Dr. N. Basanta Singh, Associate Professor**

1.	STTP on “Modelling, Simulation and Characterization of Nano-Transistors”, IIT Kanpur	26/10 to 30/10/15
2.	STTP on “Natural Language Processing and it's Applications”, organised by MIT, Imphal	01/02 to 05/02/16
3.	STTP on “Introduction to Computational Analysis for Engineering Problems” organised by MIT, Imphal under AICTE-NEQIP	04/02 to 09/02/16

**Romesh Laishram, Assistant Professor**

1.	STTP on “Introduction to Computational Analysis for Engineering Problems” organised by MIT, Imphal under AICTE-NEQIP	04/02 to 09/02/16
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**Kh. Jolson Singh, Assistant Professor**

1.	STTP on “Semiconductor Devices and Applications organised” by NITTTR, Kolkata	13/07 to 17/07/15
2.	STTP on “Natural Language Processing and it's Applications”, organised by MIT, Imphal	01/02 to 05/02/16
3.	STTP on “Introduction to Computational Analysis for Engineering Problems” organised by MIT, Imphal under AICTE-NEQIP	04/02 to 09/02/16

**Ghaneshwari Thingbaijam, Assistant Professor**

1.	STTP on “Renewable Energy and Emerging Technology” organised by NITTTR. Kolkata	17/12 to 22/12/15
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2.	10 Days In-House Training Programme on “Tally” organised by MIT, Imphal (under AICTE-NEQIP)	20/01 to 1/02/16
3.	STTP on “Introduction to Computational Analysis for Engineering Problems” organised by MIT, Imphal	04/02 to 09/02/16

**A Balarampyari Devi, Assistant Professor**

1.	10 Days in House Training Program on “Tally” at MIT Manipur	20/01 to 01/02/16
2	STTP on “Introduction to Computational Analysis for Engineering Problems” at MIT, Manipur funded by AICTE-NEQIP,	04/02 to 09/02/16

**Kh. Renuca, Assistant Professor**

1	STTP on “Renewable Energy and Emerging Technology” organised by NITTTR, Kolkata	17/12 to 22/12/15
2	10 Days In-House Training Programme on “Tally” organised by MIT, Imphal (under AICTE-NEQIP)	20/01 to 1/02/16
3	STTP on “Introduction to Computational Analysis for Engineering Problems” organised by MIT, Imphal under AICTE-NEQIP	04/02 to 09/02/16

**Sharmila Meinam, Assistant Professor**

1	10 Days In-House Training Programme on “Tally” organised by MIT, Imphal (under AICTE-NEQIP)	20/01 to 01/02/16
2	STTP on “Introduction to Computational Analysis for Engineering Problems” organised by MIT, Imphal under AICTE-NEQIP	04/02 to 09/02/16

**Syed Mujibur Rahman, Assistant Professor**

1	STTP on “Communication Skills for Teachers” organised by NITTTR, Kolkata	27/07 to 31/07/15
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2	STTP on “Renewable Energy and Emerging Technology” organised by NITTTR, Kolkata	17/12 to 22/12/15
3	STTP on “Natural Language Processing and it's Applications”, organised by MIT, Imphal	01/02 to 05/02/16

**Th Sukadeba Singh, Assistant Professor**

1	STTP on “Introduction to Computational Analysis for Engineering Problems” organised by MIT, Imphal under AICTE-NEQIP	04/02 to 09/02/16
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**Books/ Monographs etc. Published (Name of the Teacher, Name of the Book, Name of the Publisher): Nil**

**Invited Lectures Delivered/Session Chaired (Name of the teacher, Type of Participants, Name of the Seminar/Conference etc. Place, Duration): Nil**

**Papers Published in Journals (Name of the Teacher, Name of the Articles, Name of the Journal, Date of Publication, Volume):**

**Dr. N. Basanta Singh, Associate Professor**

1. Arpita Ghosh, Amit Jain, **N. Basanta Singh**, Subir Kumar Sarkar, “A modified macro model approach for SPICE based simulation of single electron transistor” J Computational Electronics, ISSN: 1569-8025 (print version), ISSN: 1572-8137 (electronic version), 03 Feb 2016.
2. Amit Jain, Arpita Ghosh, **N. Basanta Singh** & Subir Kumar Sarkar, “Implementation Aspects of Logic Functions using Single Electron Threshold Logic Gates and Hybrid SET-MOS Circuits”, IETE Journal of research, Taylor & Francis, ISSN:0377-2063(Print), 0974-780X (Online), 07 Oct 2015.

**Romesh Laishram, Assistant Professor**

1. Rajkumari Bidyalakshmi Devi, **Romesh Laishram**, Y.Jayanta Singh, "Modelling Objects Using Kernel Principal Component Analysis" ADBU J.Engg.Tech., ISSN:2348 -7305, Volume 2(1)(2015) 0021102.
2. Thiyam Ibungomacha Singh, **Romesh Laishram**, Sudipta Roy," Medical Image Segmentation Using Fuzzy C Means Clustering with Optimization using Artificial Bee Colony Algorithm", Advanced Research in Electrical and Electronic Engineering, p-ISSN: 2349-5804; e-ISSN: 2349-5812 Volume 2, Issue 12 July-September (2015) pp. 35-40.
3. Aribam Balarampyari Devi , Manoj Kumar and **Romesh Laishram**, "Design and Implementation of an Improved Carry Increment Adder", International Journal of VLSI design & Communication Systems (VLSICS) Vol.7, No.1, pp 21-27,February 2016,d.o.i. 10.5121/vlsic.2016.7103.

**Khomdram Jolson, Assistant Professor**

1. **Khomdram Jolson Singh**, N. Basanta Singh, and Subir Kumar Sarkar. "Textured window with DLAR coating design for an effective minimization of electrical and optical losses in an efficient III–V solar cell." Journal of Computational Electronics, Springer, 14.1 (2015): 288-299. DOI :10.1007/s10825-014-0652-2.
2. Lydia Yuhlung, Hemashree Bordoloi, **Khomdram Jolson Singh**, Irengbam Vengkat Mangangcha and Laishram Richard "Lab View Based EOG Signal Processing" International Journal for Research in Emerging Science and Technology, 03/2015; 2(3):48-56.

**Aribam Balarampyari Devi, Assistant Professor**

1. **Aribam Balarampyari Devi** , Manoj Kumar and Romesh Laishram,"Design and Implementation of an Improved Carry Increment Adder", International Journal of VLSI design & Communication Systems (VLSICS) Vol.7, No.1, pp 21-27,February 2016,d.o.i. 10.5121/vlsic.2016.7103.

**Papers Published/Presented in Conferences (Name of the Teacher, Name of the Articles, Name of the Conference, Place, Date)**

**Dr. N. Basanta Singh, Associate Professor**

1. Pranab Kishore Dutta, **N. Basanta Singh**, Amit Jain and Subir Kumar Sarkar, "Design and Implementation of An Asynchronous Arbiter Circuit using SET CMOS Hybrid Architecture Approach", International Conference on Computing, Communication and Automation (ICCCA2015), 15th-16th, May 2015, pp 1248-1251, ISBN:978-1-4799-8890-7.

**Romesh Laishram, Assistant Professor**

1. Hidangmayum Saxena Devi, **Romesh Laishram**, Dalton Meitei Thounaojam, "Face Recognition using R-KDA with Non-Linear SVM for Multi-View Database", Procedia Computer Science, Elsevier, Volume 54, 2015, Pages 532-541, ISSN 1877-0509, <http://dx.doi.org/10.1016/j.procs.2015.06.061>.
2. Khumukcham Usharani Devi, **Romesh Laishram**, Dipjyoti Sarma, "Swarm Intelligence Based Computing Techniques in Speech Enhancement", 2015 IEEE International Conference on Green Computing and Internet of Things (ICGCIoT), 18-20 Oct. 2015.
3. Chesam Nasir Khan, **Romesh Laishram**, Dhruba J. Sarma, Tapas Medhi, Biplob Mondal, "Modelling of Surface Plasmon resonance (SPR) for the Development of Glucose Biosensor", 3rd International Conference on Microelectronics, Circuits and Systems. Micro, 2016.

**Khomdram Jolson, Assistant Professor**

1. **Khomdram Jolson Singh**, Dhanu Chettri, Th. Jayenta Singh, Khwairakpam Renuca, "Energy Harvesting System Design from freely available Ambient Electromagnetic Field Source", International Conference on Emerging Trends in Science and Engineering Research (ETSER-2015), 2-4 Dec, 2015, NIT Manipur, pp. 84.

2. **Khomdram Jolson Singh**, Terirama Thingujam, Subir Kumar Sarkar, “The Efficient FPGA-based Maximum Power Point Tracking (MPPT) Controller for Photovoltaic (PV) System”, International Conference on Emerging Trends in Science and Engineering Research” (ETSER-2015), 2-4 Dec, 2015, NIT Manipur, pp. 81.

**A Balarampyari Devi, Assistant Professor**

1. **A. Balarampyari Devi**, “Design and Implementation of Different Adder Topologies”, International Conference on Emerging Trends in Science and Engineering Research” (ETSER-2015), 2-4 Dec, 2015, NIT Manipur.

**Kh. Renuca Devi, Assistant Professor**

1. Khomdram Jolson Singh, Dhanu Chettri, Th. Jayenta Singh, **Khwairakpam Renuca**, “Energy Harvesting System Design from freely available Ambient Electromagnetic Field Source”, International Conference on Emerging Trends in Science and Engineering Research” (ETSER-2015), 2-4 Dec, 2015, NIT Manipur, pp. 84.

**Laboratories:**

1. Communication lab.
2. Digital lab.
3. Microwave lab.
4. Electronic device & circuit lab.
5. Digital signal processing & image processing laboratory.
6. Software lab
7. Instrumentation laboratory
8. Microprocessor and Microcontroller Laboratory

**Major Equipment & Kits:**

1. Analog & Digital Communication Trainer Kits
2. MCS-03 Microwave Communication Training system
3. Microwave Transistor
4. Microwave Receiver
5. Different types of antenna
6. CRO's, Function Generators, Trainer Kits for various devices, Dual Power supply
7. Variable power supply
8. Texas Instruments,
9. DSP Kit with Add-on-Modules
10. Spectrum Analyser
11. TV Training Kit.
12. AF Signal generators,
13. AM, FM modulator & De-modulator,
14. SSB Modulation & demodulation Kit,
15. FSK Kit

**Administrative/Co-Curricular/Other Additional Positions held by the faculty**

Sl. No	Name	Designation	Additional Duty	Duration	
				From	To
1.	Dr.N.Basanta Singh	Associate Professor	Coordinator, III Cell	19/05/2014	Till date
2.	Syed Mujibur Rahman	Assistant Professor	Workshop-in-Charge	06/12/2014	Till date
3	Romesh Laishram	Assistant Professor	Warden, Boys Hostel	07/08/2013	31/12/2015



**6.3 Department of Computer Science And Engineering****Year of Establishment: 1998****Course Offered: B.E. (Computer Science & Engineering)****Faculty members**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Area of Research Interest</b>
1.	Th. Ibungomacha Singh, M.E	Asst. Prof (S-2)	Image processing
2.	Ranbir Soram, M.Tech	Asst. Professor & Head	TOC, Software Engineering, WSN, Computer Network
3.	N. Kishorjit Singh, M.E	Asst. Professor	NLP
4.	Sapam Jitu Singh, M.E	Asst. Professor	Robotics, AI, Soft Computing
5.	T. Sonamani Singh, M.Tech	Asst. Professor	WSN, OS, Data Structures, Software Engineering
6.	Ms.Selina Khoirom, M.Tech	Asst. Professor	OS, Cloud Computing, Java
7.	Rajeev Rajkumar, M. Tech	Guest Lecturer	Image Processing, Networking
8.	Ms. P. Binodini Devi, M. Tech	Guest Lecturer	Wireless Network, Computer Architecture

**Sponsored Research Projects: Nil**

**Seminar/Workshop/Conference/Symposium Organized (Name of the Teacher, Name of the Seminar/Workshop/Conference/Symposium, Place, Date/Duration):**

**N. Kishorjit Singh, Assistant Professor**

1. One week workshop on “Natural Language Processing And Its Applications” organised by MIT under Faculty & staff development programme (AICTE/NEQIP)

**Seminar/Workshop/Conference/Symposium Attended (Name of the Teacher, Name of the Seminar/Workshop/Conference/Symposium, Place, Date/Duration): Nil**

**Orientation Courses/ Refresher Courses/Short term Training Programme Organized (Name of the Teacher, Title of the Course, Place, Duration/Date): Nil**

**Orientation Courses/ Refresher Courses/Short term Training Programme Attended (Name of the Teacher, Title of the Course, Place, Duration/Date):**

Sl. No.	Particulars	Duration
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**Th. Ibungomacha Singh, Assistant Professor**

1.	One week workshop on “Natural Language Processing And Its Applications” organised by MIT funded by AICTE-NEQIP	01/02 to 05/02/16
2.	STTP on “Introduction to Computational Analysis for Engineering Problems” at MIT, Manipur funded by AICTE-NEQIP,	04/02 to 09/02/16

**Ranbir Soram, Assistant Professor**

1.	An UGC-sponsored refresher course in “CS and IT” at Manipur University.	09/06 to 30/06/15
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**Sapam Jitu Singh, Assistant Professor**

1.	10 Days' In-House Training Programme On "Tally" organised by MIT funded by AICTE-NEQIP	20/01 to 01/02/16
2.	One week workshop on "Natural Language Processing And Its Applications" organised by MIT funded by AICTE-NEQIP	01/02 to 05/02/16
3	STTP on "Introduction to Computational Analysis for Engineering Problems" at MIT, Manipur funded by AICTE-NEQIP	04/02 to 09/02/16

**N. Kishorjit Singh, Assistant Professor**

1.	STTP on "Introduction to Computational Analysis for Engineering Problems" at MIT, Manipur funded by AICTE-NEQIP	04/02 to 09/02/16
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**T. Sonamani Singh, Assistant Professor**

1	10 Days' In-House Training Programme On "Tally" organised by MIT funded by AICTE-NEQIP	20/01 to 01/02/16
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**Ms.Selina Khoirom, Assistant Professor**

1.	STTP on "Introduction to Computational Analysis for Engineering Problems" at MIT, Manipur funded by AICTE-NEQIP	04/02 to 09/02/16
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**Ms. P. Binodini Devi, Guest Lecturer**

1	STTP on "Renewable Energy and Emerging Technology" organised by NITTTR, Kolkata	17/12 to 22/12/15
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**Books/ Monographs etc. Published (Name of the Teacher, Name of the Book, Name of the Publisher): Nil**

**Invited Lectures Delivered/Session Chaired (Name of the teacher, Type of Participants, Name of the Seminar/Conference etc. Place, Duration): Nil**

**Papers Published in Journals (Name of the Teacher, Name of the Articles, Name of the Journal, Date of Publication, Volume): Nil**

**Th. Ibungomacha Singh, Assistant Professor**

1. **Thiyam Ibungomacha Singh**, Romesh Laishram, Sudipta Roy,” Medical Image Segmentation Using Fuzzy C Means Clustering with Optimization using Artificial Bee Colony Algorithm “, Advanced Research in Electrical and Electronic Engineering, p-ISSN: 2349-5804; e-ISSN: 2349-5812 Volume 2, Issue 12 July-September (2015) pp. 35-40.

**Papers Published/Presented in Conferences (Name of the Teacher, Name of the Articles, Name of the Conference, Place, Date):**

**Ranbir Soram, Assistant Professor**

1. Presented a paper titled “On the performance of RSA in virtual banking” in IEEE ISACC-2015 during September 14-15 at Assam University, Silchar.

**Administrative/Co-Curricular/Other Additional Positions held by the faculty**

Sl. No	Name	Designation	Additional Duty	Duration	
				From	To
1.	Sapam Jitu Singh	Assistant Professor	Nodal Officer, NIRF	17/11/2015	Till date
			Programme Officer, NSS Unit	27/02/2014	Till date

**6.4 Department of Humanities and Basic Sciences****Year of Establishment: 1998****Course Offered: Nil****Faculty members**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Area of Research Interest</b>
1.	Ms. N. Ashalata Devi, M.Sc (Chemistry)	Asst. Professor & Head	Natural Organic Chemistry
2.	Dr. Y. Mahendra Singh,	Asst. Professor Ph.D.(Maths)	Fixed Point Theory and Topology
3.	A. Romeo, M.Sc. (Physics)	Asst. Professor	Condensed matter Physics, TL, OSL
4.	G.A. Hirankumar Sharma,	Asst. Professor M.Sc. (Maths)	Operator and Fixed Point Theory
5.	Dr. Anita Sorokhaibam, Ph.D.(Maths)	Asst. Professor	
6.	Jayantakumar Oinam, M.A.(Eng.)	Asst. Professor	
7	Dr. Chirom Gobin Singh, Ph.D.(Geology)	Asst. Professor	Sedimentology
8	Dr. N. Rebika Devi, Ph.D.(Eng.)	Guest Lecturer	

**Sponsored Research Projects:**

<b>Sl. No.</b>	<b>Name of the Research Project</b>	<b>Funding Agency</b>	<b>Name of the PI</b>	<b>Amount Sanctioned</b>	<b>Duration (Yrs.)</b>
1.	Landslide Macrozonation along NH-102 between Pallel to Moreh, Manipur.	DST, New Delhi	Dr.Chirom Gobin Singh	Rs. 13.40 lakhs	2015-17

**Seminar/Workshop/Conference/Symposium Organized (Name of the Teacher, Name of the Seminar/Workshop/Conference/Symposium, Place, Date/Duration): Nil**

**Seminar/Workshop/Conference/Symposium Attended (Name of the Teacher, Name of the Seminar/Workshop/Conference/Symposium, Place, Date/Duration): Nil**

**Orientation Courses/ Refresher Courses/Short term Training Programme Organized (Name of the Teacher, Title of the Course, Place, Duration/Date): Nil**

**Orientation Courses/ Refresher Courses/Short term Training Programme Attended (Name of the Teacher, Title of the Course, Place, Duration/Date):**

Sl. No.	Particulars	Duration
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**Ms. N. Ashalata Devi, Assistant Professor**

1.	STTP on “Introduction to Computational Analysis for Engineering Problems” at MIT, Manipur funded by AICTE-NEQIP	04/02 to 09/02/16
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**Dr. Y. Mahendra Singh, Assistant Professor**

1.	STTP on “Renewable Energy and Emerging Technology” organised by NITTTR, Kolkata	17/12 to 22/12/15
2.	One week workshop on “Natural Language Processing And Its Applications” organised by MIT under AICTE-NEQIP	01/02 to 05/02/16
3	STTP on “Introduction to Computational Analysis for Engineering Problems” at MIT, Manipur funded by AICTE-NEQIP	04/02 to 09/02/16

**Romeo Singh, Assistant Professor**

1.	STTP on “Renewable Energy and Emerging Technology” organised by NITTTR, Kolkata	17/12 to 22/12/15
2.	One week workshop on “Natural Language Processing And Its Applications” organised by MIT under AICTE-NEQIP	01/02 to 05/02/16
3.	STTP on “Introduction to Computational Analysis for Engineering Problems” at MIT, Manipur funded by AICTE-NEQIP	04/02 to 09/02/16

**G.A. Hirankumar Sharma, Assistant Professor**

1.	STTP on “Renewable Energy and Emerging Technology” organised by NITTTR, Kolkata	17/12 to 22/12/15
2.	STTP on “Introduction to Computational Analysis for Engineering Problems” at MIT, Manipur funded by AICTE-NEQIP	04/02 to 09/02/16

**Dr. Anita Sorokhaibam, Assistant Professor**

1.	STTP on Introduction to Computational Analysis for Engineering Problems at MIT, Manipur funded by AICTE-NEQIP	04/02 to 09/02/16
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**Dr. Chirom Gobin Singh, Assistant Professor**

1.	STTP on Introduction to Computational Analysis for Engineering Problems at MIT, Manipur funded by AICTE-NEQIP	04/02 to 09/02/16
2	Field workshop on Landslide held at HNNB Garhwal University, Srinagar.	27/02 to 02/03/16

**Books/ Monographs etc. Published (Name of the Teacher, Name of the Book, Name of the Publisher): Nil**

**Invited Lectures Delivered/Session Chaired (Name of the teacher, Type of Participants, Name of the Seminar/Conference etc. Place, Duration): Nil**

**Papers Published in Journals (Name of the Teacher, Name of the Articles, Name of the Journal, Date of Publication, Volume): Nil**

**Papers Published/Presented in Conferences (Name of the Teacher, Name of the Articles, Name of the Conference, Place, Date): Nil**

**Administrative/Co-Curricular/Other Additional Positions held by the faculty**

Sl. No	Name	Designation	Additional Duty	Duration	
				From	To
1.	Dr. Anita Sorokhaibam	Assistant Professor	Warden, Girls Hostel	01/10 2015	Till date

**Laboratories:**

1. Physics Lab.
2. Chemistry Lab.

## **7. THE STUDENTS**

Number of students admitted into first year B.E. during 2015-16

Sl.No.	Branch	Boys	Girls	Total
1.	Civil Engineering	19	8	27
2.	Electronics & Communication Engineering	48	9	57
3.	Computer Science & Engineering	48	10	58
	<b>Total</b>	<b>115</b>	<b>27</b>	<b>142</b>



## 8. EXAMINATION RESULTS

The examinations results for B.E. Final year during academic year 2015-16 are given below:

Sl. No.	Branch	No. of Students		% of Pass
		Appeared	Passed	
1.	Civil Engineering	26	17	65
2.	Electronics & Communication Engineering	35	32	91
3.	Computer Science & Engineering	28	27	96

## 9. TOP RANKS AND MEDALS

Top ranks in each of the branches of Engineering of the Final Year Examination held in June 2015:

Sl. No.	Branch	Roll No.	Name of the Student	Gold Medal
1.	Civil Engineering	013405	Mandingbam Elizabeth	1. Laishram Maimu & Laishram Tombileima Gold Medal 2. Okram Mohon & Imaton Memorial Gold Medal
2.	Electronics & Communication Engineering	013323	Pamshangphy Raikham	Huirem Jyoti Prakash Memorial Gold Medal
3.	Computer Science & Engineering	Nil		Lairikyengbam Bhanumati Memorial Gold Medal

**10. DEGREES AWARDED**

B.E Degrees awarded till 31/03/2016 since inception: **974 students**

**11. TRAINING AND PLACEMENT CELL**

The Training and Placement Cell has been actively performing and coordinating a number of professional activities for the students. Some of the major activities relating to the students are Practical Training, Local Study Tours to industries and Campus Placements.

**12. INDUSTRY- INSTITUTE-INTERACTION CELL (III CELL)**

The III Cell is responsible for designing the roadmap for interaction with Industry recognising the inherent strengths as well as the weaknesses of the institution. The cell conducted the following activities during 2015-16

**12.1 Internship/Industrial Training Programme**

<b>Sl. No.</b>	<b>Programme Name</b>	<b>Date /Duration</b>	<b>Semester &amp; Branch</b>	<b>No. of Participants</b>	<b>Faculty-in-charge</b>
1	15 days training programme on AUTOCAD and STAAD Pro	12 to 29 Jan., 2016	5th & 7th Sem. (CE)	64	Dr.Th. Kiranbala Devi
2	Internship/Industrial Training programme at M/S Cobigent Technologies & Solution Pvt., Lt. IT Park Imphal	18 to 23 Jan., 2016	7th Sem. (ECE)	23	Dr. N. Basanta Singh
3	Internship/Industrial Training programme at M/S Cobigent Technologies & Solution Pvt., Lt. IT Park Imphal	25 to 30 Jan., 2016	7th Sem. (CSE)	20	Dr. N. Basanta Singh

4	Internship Training Programme at PWD, Manipur	1 to 2 Feb., 2016	7th Sem. (CE)	37	Dr.Th. Kiranbala Devi
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## 12.2 Industrial Visit

Sl. No.	Place of visit	Date /Duration	Semester & Branch	No. of Participants	Faculty-in-charge
1.	Industrial visit at Railways construction site at Noney, Tamenglong Dist.	6th Feb., 2016	Faculty, Staff and Students	150	Dr.Th. Kiranbala Devi

## 12.3 Workshop/Seminar/Conference/STTP

Sl. No.	Place of visit	Date /Duration	Participants	Faculty-in-charge
1.	Enhancing quality of Education through NPTEL & TALEEM	2nd May, 2015	Faculty, Staff & Students	Romesh Laishram
2.	Seminar on “ Bridging the gap between industry and academic using real time application and virtual instrumentation – creating smart labs”	7th October, 2015	Faculty, Staff & Students	Dr. N. Basanta Singh

### 13. EDUCATIONAL TOURS/INDUSTRIAL VISITS

Local study tours were arranged for students by the III Cell and Training & Placement cell. In addition to it, the institute also arranged many other local and national study tours as per their respective curricula. During the academic year 2015-16 the following Educational Tours for our students are arranged:

Sl. No	Place of Visit	Student/ Branch(es)	Accompanying Person(s)	Date(s)
1.	Geological Field study tour of along Imphal – Moreh Route section	7th Sem. (CE)	Dr. Th. Kiranbala Devi and Dr. Ch. Govin Singh	20/05/2015
2.	External Technical Tour	6th Sem. (CE)	Dr. Th. Suresh Singh	01-11, July 2015
3.	External Technical Tour	6th Sem. (CSE)	Sapam Jitu Singh	10-21, July 2015
4.	External Technical Tour	6th Sem. (ECE)	Th. Suka Deba Singh	July, 2015



**Geological Field study tour along Imphal – Moreh Route Section on 20/05/2015**



**Geological Field study tour along Imphal – Moreh Route Section on 20/05/2015**





**External Tour of 6th Semester (CE) at Madikeri, Karnataka during 01-11, July 2015**



**External Tour of 6th Semester (CE) at Bangalore, Karnataka during 01-11, July 2015**



**External Tour of 6th Semester (CE) at DIGHA, WB during 01-11, July 2015**



**External Tour of 6th Semester (CE) at Madikeri, Karnataka during 01-11, July 2015**





**External Tour of 6th Semester (ECE) during 01-20, July 2015**



**External Tour of 6th Semester (CSE) during 10 to 21 July, 2015**





**AICTE-NEQIP SPONSORED SEMINAR ON “BRIDGING THE GAP BETWEEN INDUSTRY AND ACADEMIC USING REAL TIME APPLICATION & VIRTUAL INSTRUMENTATION – CREATING SMART LABS.” (7th OCTOBER, 2015)**



**AICTE-NEQIP SPONSORED ONE WEEK SHORT TERM TRAINING PROGRAMME ON PROGRAMMING IN PHP (18-23, JANUARY, 2016)**



**15 DAYS TRAINING PROGRAMME ON AUTOCAD AND STAAD PRO HELD FROM 12 TO 29th JANUARY, 2016 (5th & 7th CE)**



**INDUSTRIAL VISIT AT RAILWAYS CONSTRUCTION SITE OF NONEY, TAMENGLONG ON 6th FEBRUARY, 2016**





**INDUSTRIAL VISIT AT RAILWAYS CONSTRUCTION SITE OF NONEY,  
TAMENGLONG ON 6th FEBRUARY, 2016**



**INDUSTRIAL VISIT AT RAILWAYS CONSTRUCTION SITE OF NONEY, TAMENGLONG  
ON 6th FEBRUARY, 2016**



**INDUSTRIAL VISIT AT RAILWAYS CONSTRUCTION SITE OF NONEY, TAMENGLONG  
ON 6th FEBRUARY, 2016**



**INDUSTRIAL VISIT AT RAILWAYS CONSTRUCTION SITE OF NONEY, TAMENGLONG  
ON 6th FEBRUARY, 2016**





**ACITE-NEQIP SPONSORED ONE WEEK SHORT TERM TRAINING PROGRAMME ON INTRODUCTION TO COMPUTATIONAL ANALYSIS FOR ENGINEERING PROBLEMS (4-9, FEBRUARY, 2016)**



**INTERECTION BETWEEN MENTOR, NEQIP AND STUDENTS OF MIT HELD ON 15/02/2016**

**14. INTERNAL REVENUE GENERATION (IRG) AND CORPUS FUND**

The Institute would strive hard to increase the internal revenue by means of Consultancy Projects and Continuing Education Programmes to faculty from other institutes and Technical personnel of the industries/department.

**15. NORTH EAST QUALITY IMPROVEMENT PROGRAMME (NEQIP)**

MIT was sanctioned Rs. 7 Crores by AICTE for infrastructure development of the Institute under North East Quality Improvement Programme (NEQIP). A sum of Rs 2,04,90,145.00 was released as 2nd instalment on 17/08/2015.

The amount utilized under different heads from the NEQIP grant is given below:

<b>Sl. Head No.</b>	<b>Sub-Head</b>	<b>Amount (Rs)</b>
1 Procurement	a. Modernisation & Strengthening of existing Laboratories	46,12,625.00
	b. Procurement of Furniture	13,60,651.00
	c. Establishment/Upgradation of central computer centre	50,72,919.00
	d. Modernisation/ Improvements of supporting Departments	3,07,152.00
	e. Modernisation & strengthening of libraries and increasing access to knowledge resources	26,14,650.00
	f. Civil Works	11,77,585.00
2 Faculty & Staff Development	a. Pedagogical Training to improve Faculty competencies	11,70,429.00
	b. Training through institutions of eminence	25,982.00

3	Student Support	a. Academic support for weak, SC & ST Students	10,94,798.00
4	Improved Interaction with Industry	a. Guest lectures, interactive workshops, conferences, seminars, technical discussions, etc	1,98,992.00
		b. Industrial Training, Orientation Courses, Industrial Visits	4,21,139.00
5	Capacity Development	Institution Management Capacity Enhancement	2,76,317.00
6	Reforms	a. Implementation of Institution & Academic Reforms	---
7	R & D	a. Consultancy Activities	---
8	IOC	a. Incremental Operating Cost	5,95,455.00
9	Programme advances		38,47,183.00
		<b>Total</b>	<b>2,27,75,877.00</b>

## 16. THE HOSTELS

The Institute has Two Boys' Hostels having capacity of 60 and 30 at its main campus and one Ladies Hostel at M.U. Campus, Canchipur having capacity of 100 students.

## 17. SCHOLARSHIP AND MONETARY ASSISTANCE

The students of the Institute are provided scholarship and monetary assistance under the following Schemes:

Sl. No.	Name of scheme/Scholarship	No. of students receiving Scholarship
1	Indian Oil Corporation	01
2	IshanUday, UGC	23
3	J & K Special Scholarship Scheme, AICTE	01
4	MOBC	63
5	NEC	Nil
6	ST	48
7	SC	07
8	Foundation for Excellence	Nil
9	Scholarship for Differently abled students	Nil

## 18. RESEARCH GUIDANCE

The following faculty members are involved in collaborative research with other Universities/Institute:

Sl. No.	Name of Faculty Member	Collaborating University & Faculty Name	Title of the Research work	Name of Research Scholar
1.	Dr. N. Basanta Singh	Jadavpur University, Prof. S.K. Sarkar	Single Electron Transistor and its Hybridization with MOSFET for increasing Density of Integration and Reducing power Consumption.	Amit Jain



2.	Dr. N. Basanta Singh	NERIST, Dr. A. Dinamani Singh	Modelling & Simulation of Silicon –on- Insulator (SOI) and Silicon -on- nothing (SON) MOSFET	N. Ajit Kumar
3.	Dr. Th. Suresh Singh	NIT Agartala, Prof. Rama Debbarma		N. Shyamanda Singh

## 19. CONSULTANCY ACTIVITIES

During the period from 01/04/2015 to 31/03/2016 an amount of Rs. 48,47,961.00 has been collected from various organization towards consultancy/soil testing/vetting testing/mix design works given below:

Sl. No.	Company Name	Faculty Name(s)	Fee Received (in Rs.)
1	AGE B/R Leimakhong	All Faculty Members of CE	1,66,525.00
2	North East Frontier Railways	-do-	4,08,825.00
3	IFC Dept.	-do-	2,38,000.00
4	PGCIL	-do-	11,500.00
5	MTDC	-do-	1,59,300.00
6	MI Dept.	-do-	21,38,884.00
7	NH(PWD)	-do-	6,98,983.00
8	KEMFLW Water Treatment Pvt. Ltd.	-do-	19,809.00
9	PHED	-do-	8,11,785.00
10	North East Frontier Railways	-do-	1,94,350.00
		<b>Total</b>	<b>48,47,961.00</b>

**20. THE LIBRARY**

The Library has adequate number of Textbooks, Reference Books and Journals. The Institute is a subscriber of different e-journals through which, faculty, staff and students of the Institute can access on-line journals from various Societies.

- (i) No. of Books available up to 31.03.2015 : 16703 nos.
- (ii) No. of Books added by 2015-16 : 2233 nos.
- (iii) Expenditures on purchase of books during the year 2015-16:
- (iv) No. of E-journals Subscribed and Expenditures :
- (v) No. of Print-journals Subscribed and Expenditures: Nil
- (vi) Any other facilities Added: Data Entry Started by using COHA Software

**21. EXTRA-CURRICULAR ACTIVITIES CONDUCTED DURING 2015-2016**

The annual celebration of the institute "MIT WEEK-2015" was organised during 8th to 12th April, 2015. Prof. R.K. Hemakumar Singh, Principal i/c MIT and Dean of Students' Welfare, Manipur University opened the week- long celebration on 8th April, 2015. The celebration started with a torch rally by the students and it was followed by a social service camp. Free medical camp for the faculty, staff, students and people residing near the MIT campus was conducted. Students competed in various sports (indoor & outdoor) and literary activities during 8th to 12th April, 2015. Prof H. Nandakumar Sarma, Vice-Chancellor, Manipur University was the chief guest in the closing function of the MIT WEEK-2015.

Another grand technical fest called RESO 2015 was held during 5th to 7th November, 2015 with financial assistance from AICTE-NEQIP. The objective of holding such grand fest is to provide a platform for the student's community to develop and showcase their technical prowess. Prof. L. Tombi Singh, Hon'ble Vice-Chancellor i/c of Manipur University was the Chief Guest in the opening ceremony of this function.



**MIT WEEK – 2015**



**MIT WEEK – 2015**



**MIT WEEK – 2015**



**MIT WEEK – 2015**





**MIT WEEK – 2015**



**MIT WEEK – 2015**



MIT WEEK – 2015



MIT WEEK – 2015





**VALEDICTORY FUNCTION OF MIT WEEK – 2015**



**VALEDICTORY FUNCTION OF MIT WEEK – 2015**



**VALEDICTORY FUNCTION OF MIT WEEK – 2015**



**RESO – 2015**





**RESO – 2015**



**Reso Code Jumble Competition of RESO 2015**



**RESO – 2015**



**RESO – 2015**

**22. STAFF INFORMATION****22.1 Teaching Staff**

Sl.No.	Name	Designation
1	Prof. R.K. Hemakumar Singh	Principal i/c, MIT. (w.e.f 25/09/2013 till date)

**DEPARTMENT OF CIVIL ENGINEERING**

1	Dr. Th. Kulachandra Singh	Professor
2	Dr. Th. Suresh Singh	Associate Professor
3	Dr. Th. Kiranbala Devi	Asst. Professor (S-3)
4	Dr. Th. Somchand Singh	Asst. Professor
5	Dr.Y. Arunkumar Singh	Asst. Professor
6	SangeetaSougrakpam	Asst. Professor
7	K. Rambha Devi	Asst. Professor
8	N. Premananda Singh	Asst. Professor
9	N. Sukumar Singh	Asst. Professor

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGG.**

1	Dr. N. Basanta Singh	Associate Professor
2	RomeshLaishram	Asst. Professor
3	A. Balarampyari Devi	Asst. Professor
4	Kh. Renuca Devi	Asst. Professor
5	Kh. Jolson Singh	Asst. Professor
6	Sarmila Meinam	Asst. Professor
7	GhaneshoriThingbaijam	Asst. Professor

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

1	Th. Ibungomacha Singh	Asst. Professor (S-2)
2	N. Kishorjit Singh	Asst. Professor
3	RanbirSoram	Asst. Professor
4	T. Sonamani Singh	Asst. Professor
5	SapamJitu Singh	Asst. Professor
6	Ms.Selina Khoirom	Asst. Professor
7	Syed MujiburRahman	Asst. Professor(Mech.)
8	Th. Suka Deba Singh	Asst. Professor (Elect.)

**DEPARTMENT OF HUMANITIES & BASIC SCIENCES**

1	Dr. Y. Mahendra Singh	Asst. Professor(Maths)
2	Dr. Anita Sorokhaibam	Asst. Professor(Maths)
3	G.A. Hirankumar Sharma	Asst. Professor(Maths)
4	A. Romeo	Asst. Professor (Phy.)
5	N. Ashalata Devi	Asst. Professor(Chem.)
6	JayantakumarOinam	Asst. Professor(Eng.)
7	Dr. Ch. Gobin Singh	Asst. Professor(Geology)

**GUEST LECTURERS**

1	Dr. N. Rebika Devi	Guest Lecturer(English)
2	Rajeev Rajkumar	Guest Lecturer(CSE)
3	P. Binodini	Guest Lecturer(CSE)
4	Nganthoi Naorem	Guest Lecturer (CE)
5	Sinam Sarda Devi	Guest Lecturer (ECE)

**22.2 Non-Teaching Staff**

Sl.No.	Name	Designation
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**ADMINISTRATION**

1	N. Sonarjit Singh	Administrative Officer
2	Y. Lata Devi	Head Clerk
3	A. Lukhoi Singh	Steno Grade - I
4	O. Tomba Singh	Steno Grade – II
5	Y. Herojit Singh	Instructor (Sports)
6	A. Achoubi Devi	U.D.C.
7	P. Bijaya Devi	L. D.C.
8	Ch. Premilata Devi	L.D.C.
9	Ch. Noren Singh	Office Assistant
10	W. Ishwori Devi	Office Assistant
11	R.K. Jayenta Singh	Store Keeper
12	Ak. Tarunkumar Singh	Driver
13	S. Bina Devi	Grade-IV
14	O. Premlata Devi	Grade-IV
15	Ksh. Roshan Singh	Grade-IV (Runner)
16	ReenaHawaibam	Laboratory Attendant
17	K. Ibotombi Singh	Maintenance Attendant
18	K. Tomba Singh	Sweeper-cum-Chowkidar

**ACCOUNT SECTION**

1	Th. Atalbabu	Accountant
2	R.K. Lottary Devi	L.D.C. (Cashier)
3	Th. IbechaobiChanu	L.D.C.
4	M. Sharat Singh	Office Assistant
5	Kh. Somorendro Singh	Grade-IV (Runner)

**EXAMINATION SECTION**

1	Kh. Oken Singh	L.D.C.
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**ADMISSION SECTION**

1	R.K. Chittrabrata Singh	Office Assistant
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**HUMANITIES & BASIC SCIENCES**

1	Th. Dineshori Devi,	Lab. Assistant (Chem.)
2	R.K. Lembisana Devi	Lab. Assistant (Physics)
3	R.K. Bisheshwori Devi	Laboratory Attendant
4	B. Joymati Devi	Laboratory Attendant
5	S. Khogendra Singh	Grade-IV
6	S. Sulochana Devi	Laboratory Attendant

**ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT**

1	Th. Charanjeet Singh	Laboratory Technician
2	A. Khelobi Singh	Laboratory Technician
3	K. Victor Singh	Laboratory Technician
4	L. Manglem Singh	Laboratory Technician

5	N. Mckenzi Singh	Office Assistant
6	L. Binodkumar Singh	Laboratory Attendant
7	W. Joymati Devi	Laboratory Attendant
8	N. Sonibala Devi	Laboratory Attendant
9	A. Kumanleima Devi	Laboratory Attendant

**CIVIL ENGINEERING DEPARTMENT**

1	Kh. Sushil Singh	Laboratory Technician
2	Roshan Kshetrimayum	Laboratory Technician
3	L. Hemanta Singh	Laboratory Technician
4	U. Surjit Singh	Laboratory Technician
5	Peter Kung	Laboratory Technician
6	Kh. Bidyachandra Singh	L.D.C.
7	H. Joykumar Singh	Laboratory Attendant
8	K. Joy Singh	Laboratory Attendant
9	W. Bungobi Singh	Laboratory Attendant
10	B. Joymati Devi	Laboratory Attendant
11	O. Inaocha Sngh	Maintenance Attendant

**WORKSHOP SECTION**

1	Th. Kennedy Singh	Instructor
2	Sh. Rameshor Singh	Instructor
3	K. Mahirel Singh	Instructor
4	Syed Hifjur Rahman	Laboratory Attendant

**MAINTENANCE CELL**

1	A. Alexander Singh	Estate Officer
2	Th. Rajesh Singh	S.O.
3	S. Churchill Mukherjee	S.O.
4	M. Padamakumar Singh	Stenographer Grade-II
5	M. Homeswar Singh	Maintenance Assistant
6	Chamdanlung Rongmei	Maintenance Assistant
7	S. Oshintia Singh	Maintenance Assistant
8	S. Sanjit Meitei	Maintenance Assistant
9	Th. Janeshwor Singh	Grade-IV
10	M. Ibobi Singh	Grade-IV
11	B. Sunil Sharma	Peon/Drafter
12	Ak. Sharat Singh	Maintenance Attendant
13	Rashing Reisan	Maintenance Attendant
14	M. Zacharia	Maintenance Attendant
15	S.M. Mathew	Maintenance Attendant
16	Ak. Nabachandra Singh	Maintenance Attendant
17	O. Inaocha Singh	Maintenance Attendant
18	L. Joychand Singh	Maintenance Attendant

**COMPUTER SECTION**

1	Ksh. Ibungo Singh	Computer Operator
2	Sophia Ningombam	Computer Operator
3	Kh. Ranibala Devi	Laboratory Technician
4	N. Natasha Devi	Laboratory Technician



5	N. Kaken Singh	Laboratory Attendant
6	L. Mirabai Devi	Laboratory Attendant
7	M. Subhashini Devi	Laboratory Attendant
8	Kh. Chittaranjan Singh	Laboratory Attendant

**LIBRARY SECTION**

1	N. Ashakiran Devi	Librarian
2	S. Kunjalata Devi	Assistant Librarian
3	N. Langbanleima Devi	Library Assistant
4	M. Jayenti Devi	Library Assistant
5	S. Henakumari Devi	Library Attendant
6	M. Purnima Devi	Library Attendant
7	Jiten Arambam	Laboratory Attendant

**23. LIST OF ENGAGED PERSONS ON DAILY WAGES**

Sl. No.	Name	Designation
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**ADMINISTRATION**

1	Sagolshem Ashokumar Singh	Office Assistant
2	Chabungbam Rajen Singh	Audio Visual
3	R. Jordan	Maintenance Attendant
4	S. Nabakumar Singh	Library Attendant
5	H. Dhaneshwor Sharma	Office Attendant
6	Mutum Sova Devi,	Library Attendant

**BOYS' HOSTEL**

1	Naorem Rajesh Singh	Care Taker
2	R.K. Gyanchand Singh	Cook
3	Ph. Uttamkumar	Helper
4	A. Shyamchandra Sharma	Night Watchman
5	Ng. David Singh	Helper
6	Nabadweep Sharma	Cook
7	A. Ranjit Singh	Helper
8	W. Mukherjee	Mess Helper
9	Ph. Ranjitekanta Sharma	MTS

**GIRLS' HOSTEL**

1	L. Suparani Devi	Care Taker
2	Ch. Romabati Devi	Cook
3	S. Purnima Devi	Helper
4	S. Sushila Devi	Cook
5	Ak. Sheela Devi	Helper
6	Kananbala Devi	Sweeper
7	Th. Nirmala Devi	Night Watchman
8	Th. Binta Devi	Helper
9.	L. Binota Devi	Helper
10	L. Lokhendro Sharma	MTS
11	Kh. Joychandra Singh	MTS

**24.FRESH APPOINTMENTS**

Sl. No	Name	Designation	Department	Date of Joining
1	Selina Khoirom	Asst. Professor	CSE	02-05-2015
2	N. Sukumar Singh, M.Tech	Asst. Professor	CE	03-09-2015

**25.STAFF RELIEVED ON LIEN (EOL) / DEPUTATION - CUM - STUDY LEAVE**

Sl.No	Name	Designation	Remarks
1	A Balarampyari Devi	Assistant Prof(ECE)	Study Leave for M.Tech in NIT Manipur

**26.STAFF RELIEVED ON RETIREMENT**

Sl. No	Name	Designation	Date of Retirement
1	Nil		

**27.STAFF EXPIRED**

Sl. No	Name	Designation	Date
1	Nil		

**28.STATEMENTS OF ACCOUNTS 2015-16****I.Receipts and Payments Account for the period 01-4-2015 to 31-3-2016****(General Account)**

**MANIPUR INSTITUTE OF TECHNOLOGY, TAKYELPAT**  
**RECEIPTS AND PAYMENTS A/c FOR THE ACCOUNTING YEAR 2015-16.**

**RECEIPTS**

Sl.No.	Particular		UBI MG Avenue	SBI Canchipur	Total Amount
	<b>Opening Balance</b>	<b>Cash-</b>		<b>2.00</b>	<b>2.00</b>
		<b>Bank-</b>	<b>29524</b>	<b>16214362.00</b>	<b>16243886.00</b>
<b>A</b>	<b>From Manipur University</b>				
	Salary			60314264.00	60314264
	Salary (Plan)			840711.00	840711
	Bonus			306332.00	306332
	Remuneratoin (GL)			806200.00	806200
	Contingency (NP)			0.00	0
	Faculty of Engg (P)			0.00	0
<b>B</b>	<b>At Source (MIT)</b>			0.00	0
	Admission	(i) Admission fee		9817020.00	9817020
		(ii) Caution money		378000.00	378000
	Exam fee			1745450.00	1745450
	Form sales			155300.00	155300
	Misc Income			1000.00	1000
<b>C</b>	<b>Other Sources</b>			0.00	0
	Consultancy fee			4784592.00	4784592
	UBI Bank			29524.00	29524
	Educational Loan			66100.00	66100
	Hostel A/c			95250.00	95250
<b>D</b>	<b>Deducted at Source</b>			0.00	0
	GSLI			434966.00	434966
	GPF			258000.00	258000
	GIS			3960.00	3960
	Profesional Tax			280000.00	280000
	Income Tax			3702597.00	3702597
	Sale Tax			53146.00	53146.00
	Advance			4102019.00	4102019
	Ernest Money / SD			0.00	0
	Loan Recovery			171252.00	171252
	Service Charge			78497.00	78497
<b>Grand Total</b>			<b>29524</b>	<b>104638544.00</b>	<b>104668068.00</b>

  
 Principal  
 Manipur Institute of Technology  
 Takyelpat, Imphal  


**MANIPUR INSTITUTE OF TECHNOLOGY, TAKYELPAT, IMPHAL**  
**RECEIPTS AND PAYMENTS A/c FOR THE ACCOUNTING YEAR 2015-16**

**PAYMENTS:**

SL. No.	Particulars	UBI MG Avenue	SBI Canchipur	Total Amount
<b>A</b>	<b>NON-RECURRING</b>			
1	Office equipment		432471	432471
2	Furniture		77897	77897
3	Books		328230	328230
4	Sign Board		252105	252105
5	sport material		7210	7210
<b>B</b>	<b>RECURRING</b>			
<b>1</b>	<b>Establishment Expenses</b>			
1	Salaries and Wages	a Teaching	28259689	28259689
		b Teaching (Plan)	850741	850741
		c Non-Teaching	32055434	32055434
		c Guest Lecturer	806200	806200
2	Medical Expenses		0	0
3	Bonus		302878	302878
4	Daily wages		1687702	1687702
<b>2</b>	<b>Academic Support</b>			
1	Lab & workshop Expenses	a Workshop Materials	49870	49870
		b Lab Equipments	0	0
		c Lab Maintenance	40500	40500
2	Periodical & Journal	a Journal/Magazine	89505	89505
		b News Paper	30192	30192
3	Bus Hiring Charge		236054	236054
4	Lib Maint		31887	31887
5	I-Card		0	0
6	Financial Assistant		51000	51000
7	Teachers Day		144210	144210
8	LIC Students'		75670	75670
9	MIT Week		734943	734943
10	LOGO		19389	19389
11	Training & Placement		3420	3420
12	External Tour		355407	355407
13	Internal Tour		73380	73380
14	Prospectus		102764	102764
15	Syllabus		276708	276708
16	Advertisement		128100	128100
17	Other A/S Expenses	a Registration form	2400	2400
		b Registration fee	14600	14600
18	Sport		5270	5270



## PAYMENTS:

SL. No.	Particulars	UBI MG Avenue	SBI Canchipur	Total Amount
3	<b>Other Administrative Expenses</b>			
1	Printing & Stationary		464222	464222
2	Fuel & Maint. Of Vehicle		67176	67176
3	Maint of Generator		158600	158600
4	Repair & Maintenance	a Building Repairing	0	0
		b Repairing and Maint.	2687170	2687170
			0	0
5	Examination	a Semesters	213053	213053
		b Admission test	48885	48885
		c Form purchase	34000	34000
6	Travel	TA/DA	131924	131924
7	Telephone & Communication	a Telephone	62579	62579
		b Internet	48500	48500
8	Electricity		667681	667681
9	Water		14400	14400
10	Contingency	a Bank charge	1672	1672
		b GB Meeting expences	20000	20000
		c Office Expenses	611143	611143
		d Misc. expenses	0	0
		e Wages	9200	9200
11	Consultancy		9170	9170
12	Legal Fee		75000	75000
13	Remunerations/honorarium		1212879	1212879
14	Account Opening		6000	6000
15	Transportation		33807	33807
16	Transfer to SBI Canchipur	29524.00		29524.00
			0	0
4	<b>Other remittances/Disbursable</b>		0	0
1	Admission & Tuition fee		9352500	9352500
2	Examination Fee		1461450	1461450
3	Refund of Caution Money		445400	445400
4	Boys' Hostel		49646	49646
5	Sale Tax		53146	53146
6	GSLI	a LIC	434966	434966
		b Fine	1112	1112
7	GPF		0	0
8	GIS		0	0
9	Loan Recovery		171252	171252
10	Educational Loan		66100	66100
11	Profesional Tax		280000	280000
12	Income Tax		3702597	3702597
13	Service Charge		76337	76337
14	Advance		4242448	4242448
		29524	94439841	94469365

<b>Total</b>			
<b>Closing Balance</b>			
Cash		2.00	2.00
Bank		101,98,701.00	101,98,701.00
<b>Grand Total</b>			104668068

  
 Principal  
 Manipal Institute of Technology  
 Chikballapur, India



## II.Receipts and Payments Account for the period 01-4-2015 to 31-3-2016

### (Under AICTE – NEQIP Grant)

MANIPUR INSTITUTE OF TECHNOLOGY  
TAKYELPAT : IMPHAL

Account :All India Council for Technical Education (AICTE) - North East Quality Improvement Programme (NEQIP)

For the period 1.4.2015 to 31.3.2016

#### Schedule - "A" Programme Expenses

Amount (₹)

1	Procurement		
	Improvement in Teaching Training & Learning Facilities		
	Modernisation and Strengthening of existing Laboratories	46,12,625.00	
	Procurement of Furniture	13,60,651.00	
	Establishment/Upgradation of Central and Departmental Computer Centre	50,72,919.00	
	Modernisation/improvements of supporting departments	3,07,152.00	
	Modernisation and Strengthening of libraries and increasing access to knowledge resources	26,14,650.00	
	Civil Works	11,77,585.00	1,51,45,582.00
2	Faculty and Staff Development for improved competency		
	Pedagogical Training in improve competencies of Faculty	11,70,429.00	
	Training through institutions of eminence	25,982.00	11,96,411.00
3	Student Support		
	Academic Support for Week, SC & ST Students		10,94,798.00
4	Improved Interaction with Industry		
	Guest Lectures,Interactive workshops,conferences,seminars,Brain Storming Sessions, Technical Discussions etc.	1,98,992.00	
	Conduct Industrial Training, Orientation Courses, Industrial Visits	4,21,139.00	
	Curriculum dev./ Joint Research/exhibition		6,20,131.00
5	Capacity Development		
	Institution Management Capacity Enhancement		2,76,317.00
6	Reforms		
	Implementation of Institution & Academic Reforms		
7	R & D		
	Enhancement of R&D Inst. Consultancy Activities		
8	IOC		
	Incrementing Operating Cost		5,95,455.00
	<b>Total (1 to 8)</b>		<b>1,89,28,694.00</b>

#### Schedule - "B" Programme Advances

Sl. No	Particulars	Opening Balance	Advance during the period	Recovery during the period	Closing Balance
1	Civil Works	-	19,10,307.00	48,000.00	18,62,307.00
2	Faculty and Staff Development	-	9,13,576.00	7,70,576.00	1,43,000.00
3	Improved Interaction with Industry	1,08,960.00	2,23,000.00	3,31,960.00	
4	Student Support	3,00,000.00	8,00,300.00	8,00,300.00	3,00,000.00
		4,08,960.00	38,47,183.00	19,50,836.00	23,05,307.00

Date :23.4.2016  
Imphal

Head of the Institute  
**Principal**  
Manipur Institute of Technology,  
Takyelpat, Imphal.

Finance Officer

Finance Officer  
Manipur University



MANIPUR INSTITUTE OF TECHNOLOGY  
TAKYELPAT : IMPHAL

Account :All India Council for Technical Education (AICTE) - North East Quality Improvement Programme (NEQIP)

RECEIPTS AND PAYMENTS ACCOUNT FOR THE PERIOD 1.4.2015 TO 31.3.2016

RECEIPTS	Schedule	Amount (₹)
1 Grant In aid from All India Council for Technical Education, New Delhi vide sanction letter No. AICTE/UB/36/NEQIP/ Mani/Deg/MIT/18/2013 date.17.8.2015 - 2nd Installment		2,04,90,145.00
2 Financial Assistance for RESO - MIT TECH FEST 2015		
a) Manipur State Information Technology Society	50,000.00	
b) Manipur University	30,000.00	
c) NHPC Ltd.	9,997.50	89,997.50
3 Bank Interest		3,01,625.00
4 Total Income - (1 to 3)		2,08,81,767.50
5 Programme Advance Recovery	"B"	19,50,836.00
6 Total Receipts - (4 + 5)		2,28,32,603.50
Opening Balance :		1,00,895.00
Cash at Bank with BOB. A/c. No. - 49000100002979		2,29,33,498.50
<b>PAYMENTS</b>		
1 Procurement	"A"	1,51,45,582.00
2 Faculty and Staff Development for improved competency	"A"	11,96,411.00
3 Student Support	"A"	10,94,798.00
4 Improved Interaction with Industry	"A"	6,20,131.00
5 Capacity Development	"A"	2,76,317.00
6 Reforms	"A"	-
7 R & D	"A"	-
8 IOC	"A"	5,95,455.00
9 Bank Charge		-
10 Total Expenditure/Utilised - (1 to 9)		1,89,28,694.00
11 Programme Advances	"B"	38,47,183.00
Total Payments - (10 + 11)		2,27,75,877.00
Closing Balance :		1,57,621.50
Cash at Bank with BOB. A/c. No. - 49000100002979		2,29,33,498.50

Date :23.4.2016  
Imphal

Head of the Institute

**Principal**  
**Manipur Institute of Technology**  
**Takyelpat, Imphal.**

Finance Officer

**Finance Officer**  
**Manipur University**

Per our report of even date annexed

For KUNJABI & CO.  
Chartered Accountants  
FRN 309115E



LINDA KSHETRIMAYUM  
Partner  
Membership No. 511337