

## About MTU

The Manipur Technical University (MTU) is the first technical university of the state established on 23rd April 2016 under "The Manipur Technical University Act, 2016" (Manipur Act No.8 of 2016). It is included in the UGC list of Universities under Section 2(f) of the UGC Act 1956 and empowered to award degrees under Section 22 of the UGC Act, 1956 through its departments. At present it offers five undergraduate courses in Civil, Electrical, Mechanical, Electronics & Communication and Computer Science Engineering. Ministry of Human Resource Development (MHRD) has appointed the College of Engineering, Pune (COEP) as Mentor (Mentoring Institute) of Manipur Technical University under Technical Education Quality Improvement Programme Phase III (TEQIP-III) till the year 2020

## About the Department

The Department of Electronics and Communication Engineering was established in the year 2016. The Department offers admission in 4 years B. Tech. Course with an intake of 30 students. The B. Tech course in this department has been designed with an aim to meet the industry requirements in the field of VLSI Design, embedded System, Signal Processing and Communication.

## Invited Speakers

1. Mr. Uttamkumar Ningthoujam, Elveego Circuits Pvt. Ltd., Bangalore.
2. Dr. Anup Dandapat, NIT Meghalaya.
3. Dr. T. R. Lenka, NIT Silchar.
4. Mr. Imopishak Thingom, NIELIT, Imphal
5. Dr. Ashish Ranjan, NIT Manipur
6. Dr. Nagesh Ch., IIIT Manipur
7. Dr Gaurav Saxena, IIIT Manipur
8. Dr. Soumyajit Poddar, IIIT Guwahati

## About the Workshop

This workshop aims to impart the fundamentals of VLSI design methodology along with the concepts of ASIC full-custom and semi-custom design. It will also focus on recent trends in VLSI technology with an emphasis on current research avenues. Further, this workshop aims to provide the basic fundamentals of simulation, modeling and fabrication of electronic devices along with the recent trends in microelectronics and flexible electronics. It also intends to provide opportunity for participants to interact with experts from both academics and industry. This course will open up new avenues of research and applications, in the field of Microelectronics and VLSI technology for UG, PG and Ph.D scholars.

## Eligibility

This program is open to faculty members, industrial personnel and students including research scholars, PG and UG students of recognized technical institutions.

## Highlights

- Modeling and simulation of microelectronic devices.
- Fabrication techniques of flexible solar cell and biosensors.
- Low power low cost memory design.
- AI hardware for VLSI and Embedded Systems.
- Recent trends in analog and digital VLSI design flow.

# One Week Workshop on Recent Trends in Microelectronics and VLSI Technology

*(A Programme Under TEQIP-III)*

26<sup>th</sup> -30<sup>th</sup> August, 2019

### Coordinators

**Dr. Biraj Shougaijam**  
**Mr. Merin Loukrakpam**



**Organized by -  
Department of  
Electronics and Communication Engineering  
Manipur Technical University**

## Committee

Chief-Patron Prof. L. Tombi Singh  
Vice Chancellor, MTU

Patron Ng. Bhogendra Meitei  
Registrar, MTU

Keisham Biju Singh  
Asst. Registrar, MTU

Dr Th. Chhatrajit Singh  
Academic Coordinator  
MTU

## Organizing Committee

Mrs Pinky Khundrakpam  
Miss Rosy Kimneithem Haokip  
Mrs. Thingbaijam Rajkumari Chanu  
Miss Yengkhom Chandrika Devi

## Technical Support Staffs

Mrs Varuna Devi Waikhom  
Mr. Ngangbam Anand Singh  
Mr. Huidrom Amarjit Meitei

## Address for Communication

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E-mail: merin1280@gmail.com

**Electronics & Communication Engineering  
Department, MTU, Manipur**

## Registration

All participants have to pay registration fees before submitting the application either

- (i) Via DD in favor of Registrar, Manipur Technical University, Payable at State Bank of India, Porompat.
- (ii) Online transfer to the account of the Registrar, Manipur Technical University, Imphal (A/C No.: 38579660105, Branch: SBI Porompat, IFSC: SBIN0011626).

Brochure and registration form can be downloaded from the institute website : <http://www.mtu.ac.in>

## How to Register

Scanned copy of the signed registration form along with payment details to be sent to the email id biraj.sh89@gmail.com or merin1280@gmail.com on or before 23rd August, 2019. However the original money receipt has to be submitted at the time of registration along with the registration form.

## Fees Detail

External Faculty members	: Rs. 500/-
External Students	: Rs. 100/-
Internal Faculty members	: Free
Internal Students (UG)	: Free

## Accommodation & Travel

There will be no accommodation and transport facilities.

No TA and DA will be paid to the participants.

## How to reach MTU Manipur

Imphal is well connected by air & road. It is situated inside the campus of Government Polytechnic College, Takyelpat, Imphal West.

## REGISTRATION FORM

### One Week Workshop

on

### Recent Trends in Microelectronics and VLSI Technology

(A Programme under TEQIP-III)

26<sup>th</sup> – 30<sup>th</sup> August, 2019

1. Name (Block Letter): .....

2. Designation: .....

3. Organization: .....

4. Address for Communication: .....

5. Phone No.: .....

6. E-mail: .....

7. Educational Qualification: .....

8. Payment Details: .....

(DD/Receipt No.) .....

Place: ..... Date: .....

Signature of the Applicant: .....

*Recommended by HOD  
(Signature & Seal)*