

Upcoming Courses in E&ICT Academy

- Advance Programming Languages & Operating System.
- VLSI Designing and Embedded System.
- Advance Parallel Programming & OS.
- Networking & Security.
- AI , Soft Computing , Data Mining and Machine Learning.
- Web and CAD CAM Designing.
- Android Application Design.
- Bigdata and Hadoop.
- Multimedia Designing.
- BPO Training Course.
- Cloud Computing and its application in different Area.
- CCNA(Routing & Switching).
- Network Protocol Testing & Test Automation.
- Relational Database Management System.

Upcoming Labs in E&ICT Academy

- Cadence Lab for VLSI Designing.
- Augmented Reality Lab for IoT.
- Mentor Graphics Lab for EDA.
- Xilinx for FPGA Broad development.
- Computer Lab with the latest tools for Training and Research Development.
- Communication lab with RF/Mobile Trainer Kit and DSP Processor facilities.
- ARM Processors for Advance Robotics and Power PC for Embedded System Design.

Infrastructure Support

- Smart Class with VC.
- Electronic Design Lab.
- Audio/Video Studio.

Address for Correspondence for E&ICT Academy, IIT Guwahati

Dr. Gaurav Trivedi
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Invited Speakers

- **Mr. H S Jatana.**
Divisional Head VLSI, SCL/ISRO
- **Dr. Anand Bulusu.**
Associate Professor, IIT Roorkee
- **Mr. H Balachander**
Technical Manager, CoreEl Technologies

E&ICT Academy, IIT Guwahati Speakers

- **Prof. Ratnajit Bhattacharjee**
*Principal Investigator
E&ICT Academy, IIT Guwahati*
- **Dr. Gaurav Trivedi**
*Co-Principal Investigator
E&ICT Academy, IIT Guwahati*

Registration Fees - NIL

Registration Link

<https://docs.google.com/forms/d/e/1FAIpQLSfonMwOY40Pq3F5-4sAcGGLKx04QxT2X5BaK7v6jxtuy1N4w/viewform?c=0&w=1>

ORGANISING COMMITTEE

Patron

Dr. S. Birendra Singh - Director, NIT Manipur

Chairman

Mr. L. Surajkumar Singh - Head, ECE. Dept.

Programme Co-ordinator

Dr. Ashish Ranjan, Assistant Professor

Organising Secretary

Mr. Huirem Tarunkumar, Lecturer

Members:

Mr. Manoj Kumar

Mrs. Chitrallekha Ngangbam

Mr. K. Pritamdas

Mrs. Kh. Jilenkumari

Ms. Salam Devyani Devi

Mr. Samom Jayananda

Ms. Pinky Khundrakpam

Mr. Thingujam Churchil Singh

Mr. Richard Ningthoujam

Address for Correspondence for the Workshop

Dr. Ashish Ranjan -

Assistant Professor, ECE Dept, NIT Manipur

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Ms. Feroza Haque

Project Manager, E&ICT, IIT Guwahati

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Workshop on "Recent Trends in VLSI Design"

(03-05 October, 2016)

Demonstration/Handson Sessions

Analog Design

Implementation on

Xilinx FPGA

Organized by

E&ICT Academy

IIT Guwahati

&

NIT Manipur



Program Schedule

Monday, 03 October 2016	
08:00 – 09:00	Registration (last date 1 st oct 2016)
09:00 – 10:00	Opening Ceremony
10:00 – 10:45	Initiative of E&ICT Academy by Dr.Gaurav Trivedi, IIT Guwahati
10:45-11:00	Tea Break
11:00-1:15	Expert talk on “Microwave Integrated Circuit Design:Issue & Challenges” by Prof.Ratnajit Bhattacharjee, IIT Guwahati
1:15-2:00	Lunch Break
2:00-3:45	Expert talk on “Specifications to Silicon Chip” by Mr.H S Jatana, SCL Chandigarh
3:45-4:00	Tea Break
4:00-5:00	Expert talk on “Specification to Silicon Chip” by Mr.H S Jatana, SCL Chandigarh

Tuesday, 04 October 2016	
09:30 – 11:00	Expert talk on “Nano Scale VLSI Design” by Dr.Anand Bulusu, IIT Roorkee.
11:00 – 11:15	Tea Break
11:15 – 12:00	Expert talk on “Nano Scale VLSI Design” by Dr.Anand Bulusu, IIT Roorkee.
12:00 – 01:15	Expert talk on “Cadence ORCAD Software” by Dr. Ashish Ranjan, NIT Manipur
01:15 – 02:00	Lunch.
2:00 – 03:45	Hands-on by CoreEl
3:45-4:00	Tea Break
4:00-5:00	Hands-on by CoreEl

Wednesday, 05 October 2016	
9:30-11:00	Hands-on by CoreEl
11:00-11:15	Tea Break
11:15-1:15	Hands-on by CoreEl
1:15-2:00	Lunch Break
2:00-3:45	Hands-on by CoreEl
3:45-4:00	Tea Break
4:00-5:00	Hands-on by CoreEl

About E&ICT Academy IIT Guwahati

DeitY has sponsored a scheme entitled "Scheme of Financial Assistance for setting up of Electronics and ICT Academies". Electronics and ICT Academy would aim to provide specialized training to the faculties of Engineering, Arts, Commerce & Science college, Polytechnics etc, by developing state-of-the-art facilities.

Academy has planned short term training programmes on fundamental and advanced topics in IT, Electronics & Communication, Product Design, Manufacturing with hands on training and project work using latest software tools and systems.

In addition, the Academy will conduct specialized/customized training programmes and research promotion workshops for corporate sector & educational institutions. It is envisaged that the Electronics and ICT Academy will become a central hub of activities on training, consultancy work and entrepreneurship programmes.

For more details log on to www.iitg.ernet.in/eictacad/

Intended Audience

Faculty members, Researchers from R&D Organizations, Post Graduate Students and Research Scholars from various Science and Engineering colleges and Polytechnics.

About NIT Manipur

National Institute of Technology Manipur, a centrally funded institution is set up to impart quality technical education to various levels of higher learning. It is one of the ten newly set up NIT's by the Ministry of Human Resource Development, Govt. of India vide its order no. F.23-13-2009-TS-III dated 30th October 2009 and 3rd March 2010. The Institute was first established under the Manipur Societies Registration Act, 1989. (Regd. No. 425/M/SR/2010). Later, NIT Manipur was declared as a full-fledged NIT along with nine other new Nits, through an Act of Parliament and notified under Govt. of India Gazette notification No. 28 Of 2012 dated 7th June 2012 and declared as an Institute of National Importance. It now runs B.Tech, M.Tech, MSc and PhD program in all the core discipline in science and Engineering

How to Reach NIT Manipur

Daily flights are available from Delhi, Kolkata and Guwahati with more than 5 flight daily. The Institute has two campuses (Permanent and temporary). Permanent campus is located at Langol Lamphel and Temporary at Takyel. Both the campuses are around 5-7 km from airport and within 3 km from bus stand. The Imphal City is also only 7 km from airport. Local Taxis and Autos are available at Airport and Bus stands.