

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.
- Big Data 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

Ms. Feroza Haque
Project Manager, E&ICT, IIT Guwahati
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Invited Speakers

- **Prof. Sukumar Nandi**
Professor
CSE Department, IIT Guwahati
- **Dr. Arnab Sarkar**
Assistant Professor
CSE Department, IIT Guwahati
- **Mr. Raghav Ankur**
National Manager - Technical, FICE
- **Mr. Ankireddy Sreevardhan**
Executive – Training, FICE

Speakers from E&ICT Academy IIT Guwahati

- **Prof. Ratnajit Bhattacharjee**
Principal Investigator
E&ICT Academy, IIT Guwahati

Registration Fees NIL

Registration Link

<https://docs.google.com/forms/d/e/1FAIpQLSfonMwOY4OPq3F5-4sAcGGLKGxO4QxT2X5BaK7v6jxtuy1N4w/viewform?c=0&w=1>

Address for Correspondence for the Workshop

Mr. Ansuman Bhattacharya
Assistant Professor, CSE Dept, NIT Meghalaya
Email: ansuman@nitm.ac.in
Phone: 9485177059

Workshop on “Internet of Things: A Gateway to Smart and Intelligent Future”

(04-05 November, 2016)

Includes extended

Demonstration/Hands on Sessions
on
Internet of Things

Organized by

E&ICT Academy
IIT Guwahati

&

NIT Meghalaya



Program Schedule

Friday, 04 November 2016	
08:00 – 09:00	Registration
09:00 – 10:00	Opening Ceremony
10:00 – 10:30	Initiatives by E&ICT Academy, by Prof. Ratnajit Bhattacharjee. IIT Guwahati
10:30 – 11:30	Expert talk on “IoT and its use cases in healthcare, smart city, automobiles and home automation”, by Dr. Arnab Sarkar, IIT Guwahati.
11:30- 11:45	Tea Break
11:45- 12:45	Expert talk by Dr. Arnab Sarkar Continued.
12:45- 01:45	Expert talk on “Wireless Sensor Network”, by Prof. Sukumar Nandi, IIT Guwahati.
01:45- 02:30	Lunch Break
02:30- 04:30	Hands-on session on “Setting up Lab environment for building IoT applications around Intel Galileo”, by Mr. Raghav Ankur, FICE.
04:30 – 04:45	Tea Break
04:45 – 06:15	Hands-on session on “Embedded Linux and Intel Galileo”, by Mr. Raghav Ankur, FICE.

Saturday, 05 November 2016	
09:00 – 10:30	Hands-on session on “Building Intel Galileo based Networking application using POSIX APIs”, by Mr. Raghav Ankur, FICE.
10:30 – 10:45	Tea Break
10:45 – 12:15	Hands-on session on “Building Intel Galileo based Networking application using POSIX APIs”, by Mr. Raghav Ankur, FICE.
12:15 – 01:15	Lunch Break
01:15 – 03:15	Hands-on session on “Building IoT Applications”, by Mr. Raghav Ankur, FICE.
03:15 – 03:30	Tea Break
03:30 – 05:00	Hands-on session on “Cloud Analytics using Intel IoT platforms”, by Mr. Raghav Ankur, FICE.
05:00 – 05:45	Closing Ceremony

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 Meghalaya

The National Institute of Technology (NIT) Meghalaya is one among the thirty one NITs in India established under the NIT Act 2007 (Amended 2012) of the Parliament of India as Institutes of National Importance with full funding support from the Ministry of Human Resource Development, Government of India.

How to Reach NIT Meghalaya

- How to Reach Shillong by Air
To reach Shillong by Air one has to take a flight to Lokpriya Gopinath Bordoloi International Airport, Guwahati, Assam. From there one can reach Shillong in three hours by hiring Taxi (Rs. 2000/- per car, approx.)/Shared Taxi (Rs. 500/- per Passenger, approx).
- How to Reach Shillong by Rail
The nearest railway station is Guwahati. From the railway station, one can travel by bus or shared taxi (Rs. 150/- to Rs. 300/- per passenger) to Shillong. It takes about 3 hours to reach Shillong.
- Reaching the campus
After reaching Shillong, one can hire local taxi to reach the campus at Bijni Complex, Laitumkhrah.

Address

**National Institute of Technology, Meghalaya
Bijni Complex, Laitumkhrah,
Shillong - 793003, Meghalaya, India**