Department of Information Technology, NEHU, Shillong



Organizes a two-days Workshop on



Internet of Things: It's Inside-Out



Funded by MeitY, Govt. of India

Workshop Date: 12th – 13th May 2017 Last Date of Registration: 5th May 2017

Venue

Department of Information Technology
School of Technology
North-Eastern Hill University,
Shillong – 793 022, Meghalaya, India

Aim of the Workshop

The aim of this workshop is to explore the state-ofart technologies in the area of Internet of Things (IoT) through a series of lectures delivered by eminent persons working in this field and to provide some hands on experiences in setting up IoT platform with open source softwares.

Lectures

The Lecture sessions shall include the following:

- > Enabling technologies of IoT
- > Opportunities and research challenges in IoT
- ➤ IoT protocol stack (6LowPAN)
- ➤ IoT Cloud
- ➤ IoT Security

Hands-on Session

The Hands-on sessions shall include the following:

- ➤ Connecting sensors and actuators to IoT framework
- > Receiving sensory information from devices
- Connecting IoT devices to a local cloud
- ➤ Sending command from remote systems to IoT devices
- Working on open source MQTT broker Mosquitto

Registration form

A MeitY Sponsored Workshop

on

"Internet of Things: It's Inside-Out"

Name:

Qualification:

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Designation:	
Department:	
Organisation:	
Address:	
Contact Number(s)	
Mobile:	
Residence:	
Email:	
Signature of the HoD/HoI	Signature of the applicant
Date:	Date:

(Please submit the scanned copy of filled-in registration

form through e-mail only)

About NEHU

North-Eastern Hill University was set up by an act of parliament in 1973. The objectives of the University, as laid down in the act, are "to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit; to pay special attention to the improvement of the social and economic conditions and welfare of the people of the hill areas of the north-eastern region, and in particular, the intellectual, academic and cultural advancement".

This oldest central university of North-East has 46 departments covering arts, sciences, management, law and engineering disciplines. A large number of students qualify various competitive examinations like NET/GATE every year. Our faculty strength is over 300.

In a period of about 44 years, NEHU has matured into an institution with a serious academic and social and cultural agenda and a clear vision for its future growth.

About IT Department

The Department of Information Technology (IT) was started in the year of 2006, under the School of Technology, NEHU, funded by MHRD, Govt. of India, with a prime focus to impart quality, career-oriented engineering education in order to produce bright technologist from different parts of the country. The Department is currently offering four years B.Tech and two years M.Tech and Ph.D. programme in Information Technology. There are 12 highly qualified faculty members in the Department, who are carrying out state-of-art research works in the fields like Wireless Network, IoT, Data Mining, Image Processing, Soft-Computing, Computer & Network Security, etc. Several research projects are being implemented in the department. Currently the department has five wellequipped state-of-art computer laboratories. A number of students of the department are placed in various reputed Software and Telecommunication industries.

Convenor: Dr. Md. Iftekhar Hussain Co-convenor: Dr. Hemanta Kumar Kalita

Organizing Committee

- Mr. Sufal Das
- Mr. Amitabha Nath
- Mr. N. R. Paul
- Mr. Nurzaman Ahmed
- Mr. Hafizur Rahman
- > Mr. Alakesh Kalita

Resource Person

- ➤ Dr. Sudip Misra, Department of Computer Science & Engineering, Indian Institute of Technology, Kharagpur.
- Dr. D. De, Department of Computer Science & Engineering, Maulana Abul Kalam Azad University of Technology, Kolkata.
- ➤ Dr. F. A. Barbhuiya, Department of Computer Science & Engineering, IIIT, Guwahati.
- ➤ Dr. Md. Iftekhar Hussain, Department of Information Technology, North-Eastern Hill University, Shillong.
- ➤ Dr. H. K. Kalita, Department of Information Technology, North-Eastern Hill University, Shillong.

Registration

- Registration is free.
- Shared accommodation charge @Rs. 200/- per night. (shall be allotted on FCFS basis)
- Food: lunch shall be provided during office hours.
- ➤ No TA/DA is admissible to the participants.

Who can attend?

The workshop is open to any faculty members or researchers having background or research experience/interest in the area of Internet of Things. Final year B.Tech, M.Tech and Ph. D students having interest in this field may also attend this workshop.

How to Apply

To apply for the workshop you have to submit the scanned copy of filled-in registration form to the e-mail ID meityworkshop2017@gmail.com

Contact Us

For more details or any queries please contact:

Email: meityworkshop2017@gmail.com

Phone No: 0364 – 272 3633

Website: www.iot-nehu.in