SIES Graduate School of Technology

5 days hands on training

On

Internet of Things (IoT)

Under

Center of Excellence in Internet of Things (CoE-IoT)

18th – 22nd June 2018, 10.00 am to 4.30 pm, Lab 305

Theoretical knowledge help us to understand why one technique works where another fails. It shows us the whole forest, builds the context, and helps us to set strategy. Where self-education is concerned theory prepares us to set a direction for our future education. Theory teach us through the experience of others. Theoretical knowledge can often lead to a deeper understand of a concept through seeing it in context of a greater whole and understanding the why behind it.

Practical knowledge help us to acquire the specific techniques that become the tools of our trade. It sits much closer to our actual day-to-day work. There are some things we can only learn through doing and experiencing. Practical knowledge can often lead to a deeper understanding of a concept through the act of doing and personal experience. Both of the above are important.

Objectives

- To provide an overview on the Internet of Things
- To provide an understanding of the technologies and the standards relating to the Internet of Things
- To develop skills on IoT and its implementation

Course Contents

- Day_1 : Concept of Internet of Things(IoT), Arduino Uno microcontroller and its programming via
  Arduino IDE, Sensor Interfacing & and its implementation
- Day_2 : NodeMCU sensor interfacing and IoT application designing
- Day_3 : Introduction to Intel Galileo board and its programming
- Day_4 : IoT using Intel Galileo board along with sensors
- Day_5 : Introduction to raspberry pi 3 model B

Who Should Attend

Any student from BE (EXTC/CE/IT/MECH) – First come first serve
(Seat available only for 20 students- 10 groups with 2 members each)

Registration Fees

Course Fees: 500

Contact for Registration

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