

One Day Workshop on “Internet of Things”

- Date :** 13th August, 2018.
Time : 10 am- 04.30 pm
Venue : R1 Classroom, First Floor,Phase 1,ACE.
Speaker : Mr. Prathamesh Satardekar(Systems Engineer, Eduvance)
Mr. Paramashivam Konar(Training Assistant, Eduvance)
Target Audience: TE INFT Students

Department of Information Technology has organized one day Workshop - “Internet of Things” on 13th August, 2018.

Internet of Things is a trending topic nowadays as well as it is included in the syllabus of Third Year Information Technology Engineering as IoT Lab with the intention to implement a mini project on IoT.

The internet of things (IoT) is a computing concept that describes the idea of everyday physical objects being connected to the internet and being able to identify themselves to other devices. The internet of things, or IoT, is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers (UIDs) and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction.

With the zest to have industry academic alliance and to bridge the gap between academics and industry it is necessary to introduce such demanded topics for students as a looking beyond syllabus programs. 77 students have attended the workshop.

Remarkable Feedback was received from students and they have demanded for more such workshops.

Topics Covered:

- Internet of Things
 - Introduction
 - Components of IoT and its working
 - Typical applications
- IoT Cloud Services
 - Introduction to cloud services
 - Difference between typical cloud and IoT cloud
- Introduction to REST APIs

- HTTP protocol
- Request methods
- Introduction to Thingspeak
 - Creating account
 - Uploading data on cloud
- Demonstration
 - CPU consumption data upload
 - Introduction to Raspberry Pi (embedded platform)
 - Humidity sensor project demo
 - IoT application demo

Workshop Photographs:





Workshop Co-ordinators

Ms. Varsha Salunkhe
Mrs. Komal Gothwal
Mrs. Pranoti Nage

HOD INFT Dept

Prof. Nileema Pathak