

REPORT ON ONE DAY WORKSHOP ON INTERNET OF THINGS

One Day Workshop On

“INTERNET OF THINGS”

02/08/2018

In association with

Pantech SolutionsPvt. Ltd.

Hyderabad.

Department of Electronics and Communication Engineering

A One Day Workshop On Internet of Things

Contents of Workshop:

- Basics of Embedded Systems and IoT.
- Basics of Arduino Microcontroller.
- Basics of NodeMCU.
- Sending Sensor Data over ThingSpeak API.
- Web Page Creation.

In Association with:
Pantech Solutions Pvt. Ltd.

Organized by:
Robotics Club

Faculty Co-ordinator:
Dr. Sumalatha

Venue:
CMRTC, C-Block, MPMC Lab, Room No. :329

For details and registration:
Contact: AjayChowdary.S - 9959460695
Bhavana .M - 9912216339

Date : 02 August 2018

Registration Fee:
Rs. 100

The department of Electronics and Communication engineering in collaboration with “**Robotics Club**”-CMRTC conducted one day workshop on **Internet of Things**. Most of the students were participated for one day workshop on 20th August 2018. The secretary, Principal, HOD and faculty attended the inaugural function on 20th August.

Faculty Co-ordinator: Dr. Sumalatha

Associate Professor

Electronics and Communication Department

Contents of Workshop:

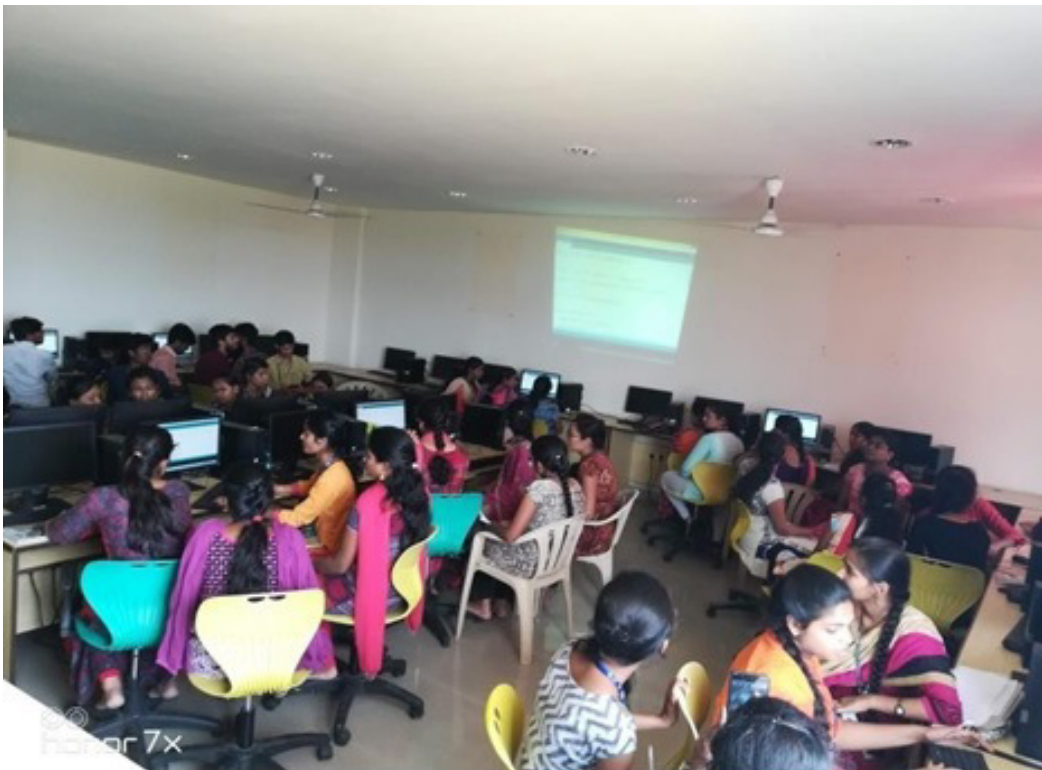
- ✓ Basics of Embedded Systems and IOT.

- ✓ Basics of Arduino Microcontroller.
- ✓ Basics of NodeMCU.
- ✓ Sending Sensor Data over ThingSpeak API.
- ✓ Web Page Creation



In Picture: Inauguration of One Day Workshop By Dr. A Raji Reddy, Director
And Prof. G Srikanth, HOD (ECE).





In Picture: Students working on their modules related to Internet of Things.

The Internet of Things (IoT) is expected to emerge as a huge business opportunity for the Indian IT industry in the years ahead. According to a Gartner Report, the global IoT industry would be worth USD 300 billion by 2020, with connected devices increasing to 2.7 billion by that year. India, it is projected, will have a 5-6 percent share of this industry. The expansion of IoT in the country is expected to be spurred by several developments:

- ✓ The proliferation of sensors, which will work with an ever growing number of intelligent systems and applications.
- ✓ The Indian Government's plan of developing 100 smart cities in the country, for which Rs. 7,060 crore has been allocated in the current budget.
- ✓ The launch of the Digital India Program of the Government, which aims at 'transforming India into a digitally empowered society and knowledge economy.

- ✓ The Indian IT industry has an opportunity to provide software applications, services and analytics related to IoT over the next few years