DEPARTMENT OF COMPUTER SCIENCE AND SYSTEMS ENGINEERING

Two Day National Seminar on "Internet of Things (IoT):

Scope for Future Research and Business"

The Department of Computer Science and Systems Engineering organized Two Day National Seminar on **"Internet of Things (IoT): Scope for Future Research and Business"** sponsored by Department of Science and Technology (DST-SERB) on 24th & 25th October, 2016. **Dr. A Paventhan, Dr. B Narendra Kumar Rao, Mr. R P Chetan, Dr. Ravi Kishore Kodali and Mr. Jaya Prakash** are the resource persons. Faculty from different colleges gained knowledge on Internet of Things, IoT Kits and different areas where IoT is being implemented.

During the first session, Dr. A Paventhan, Additional Director (R&D), ERNET, Bangalore, discussed on Internet of Things and mentioned some real world examples where it has been implemented so far.

Dr A Paventhan discussing on Internet of Things (IoT)

In the next session, **Dr B Narendra Kumar Rao**, Professor & HOD, Dept. of CSSE, SVEC, discussed on Internet of Things for Smart Cities.

Dr. B Narendra Kumar Rao Discussing about IoT for Smart Cities

In the second session, **Mr. R P Chetan**, Director & Founder, ERT Tech Bangalore, discussed on IoT Application Development using IoT kits like Arduino, Rasberry Pi etc.,. Also, he demonstrated few experiments related to IoT using Arduino Microcontroller.

Mr R P Chetan demonstrating IoT Microcontroller Kits

On the second day of the workshop, Dr. Ravi Kishore Kodali, Associate Professor, Dept. of ECE, NIT Warangal, spoke about research issues in Internet of Things. He demonstrated experiments using IoT Mobile Applications.

Dr Ravi Kishore Kodali discussing on research issues of IoT

In the last session of the workshop, Mr. Jaya Prakash discussed on how Health Care area in Internet of Things is getting a lot of focus.

Mr. A Jaya Prakash discussing on Health Care applications in IoT

50 participants gained knowledge on

1. Internet of Things (IoT)and its importance in real world.
2. IoT and its applications to smart cities.
3. IoT application development using Arduino and Raspberry Pi
4. IoT and health care applications.