PDEA

Pune District Education Association's
MAMASAHEB MOHOL COLLEGE
In association with
IOT Experts .CC Pune
Organized

One Day Workshop on Internet of Things
(18th February 2017)

Mrs. S.S. Rane	Dr. D. V. Ramane	Prof. S. N. Kukale
Co- ordinator	Administrator and CTO	Principal
	IOT Experts .CC Pune	

Contents of the workshop:

- ❖ Basics of IOT
- ❖ Arduino platform
- ❖ Arduino programming
- ❖ interfacing of sensors
- ❖ Blink App
- ❖ The training for the projects: LED blinking using arduino through internet and interface LM35 sensor for recording temperature through internet on smart phone.
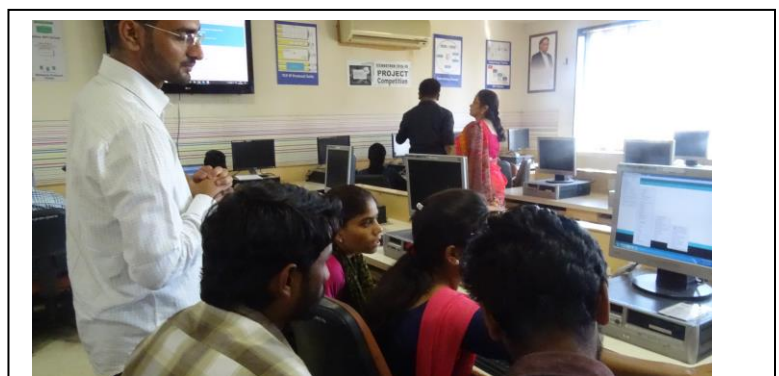
Technical Sessions

Inaugural function of IOT

Hands on

Students at work

IOT WORKSHOP TEAM

REPORT OF ONE DAY WORKSHOP ON INTERNET OF THINGS

The Internet of Things (IoT) refers to the connection of devices to the Internet. Cars, kitchen appliances, and even heart monitors can all be connected through the IoT. It is expected that there will be more than 24 billion IoT devices on Earth by 2020. That's approximately four devices for every human being on the planet. In future lot of investment will flow into IoT solutions, including application development, device hardware, system integration, data storage, security, and connectivity. Thus it can be a good career opportunity for the student.

With the objectives of introducing students with the concept and provide "hands on" on IOT ,**Electronics department ,Mamasaheb Mohol college** in association with **IoTexperts.cc** organized one day workshop on **"Internet of Things (IoT) "on 18th FEB 2017**. The workshop was inaugurated by Hon. Apeksha Jadhav, Vice Principal , **Mamasaheb Mohol college**, Pune. Dr. D.V.Ramane of **IoT experts.cc** was the guest of honor.

During this workshop the students were acquainted with Basics of IOT, Arduino platform, Arduino programming, interfacing of sensors. The training was provided for the projects: LED blinking using arduino through internet and interface LM35 sensor for recording temperature through internet on smart phone. Twenty students from FY/SY/TY B Sc (comp. Sc.) participated in the workshop.

The coordinator of the workshop Mrs. S.S.Rane , Head of the electronics department is thankful to to PDEA and Hon. Principal Prof. S. N. Kukale for their support in organizing the event. And special thanks to Dr D. V. Ramane, Administrator & CTO, "**IoTexperts.cc",** Mr. Yogesh Chavan and Mr. Shreyas Patil Embedded Software Engineers, "**IoT experts.cc**" for providing the workshop at minimal expenses.

Prof. Sapana Rane

 Coordinator and Head of the department