



E-KATTA

2014 - 2015

IN ACADEMIC CORNER

**PCB WORKSHOP 6 TH
SEPTEMBER 2014**

**MATLAB WORKSHOP 10
JANUARY 2015**

**WORKSHOP ON 'PICK N
PLACE' 10 SEPTEMBER
2014**

**EXPERT LECTURE ON
'BASIC OF
COMPONENTS IN
ELECTRONICS' BY MR.
R.P. DESHPANDE - 17
JANUARY 2015**

Robotics

Robotics is an interdisciplinary branch of engineering and science that includes mechanical engineering, electrical engineering, computer science, and others. Robotics deals with the design, construction, operation, and use of robots,[1] as well as computer systems for their control, sensory feedback, and information processing. Experiments going on:

- Power source
- Actuation
- Sensing
- Manipulation
- Locomotion
- Environmental interaction and navigation
- Human-robot interaction

IOT IN 2014

Until recently, connecting a device to the internet of things was expensive and difficult. Smart thermostats, lighting systems and appliances from giants like Samsung and GE communicated through obscure wireless standards that required installing specialized, internet of things-only wireless hubs. But in the past year or so, companies like Qualcomm, Intel and Texas Instruments have created inexpensive, power-efficient chips that enable pretty much anything to connect to the internet via Wi-Fi, or to a mobile phone via a standard called Bluetooth Low Energy. The advent of these chips isn't so much a product of some groundbreaking technology. It's driven more by growing interest among startups with novel visions for the future of the internet, as well as giant corporations looking to cash in, or at least not miss out on the next big thing.