

A Two Day Workshop on ARDUINO

11 & 18 August 2018

An **Arduino** is a small computer that can be easily programmed and is widely used due to its easy-to-use hardware and software. It is basically designed as an easy tool for fast designing and prototyping a microcontroller based electronic system. The workshop was aimed to introduce second year students to

- the microcontroller and its peripherals,
- embedded programming world
- embedded system development at an early stage of engineering
- motivate the students for product development by providing hands-on practice

Nearly 20 students from the Second Year Electronics & Telecommunication Engineering Department (E&TC2017-21 Batch) took part in the workshop. During the workshop, participants developed small projects using Arduino Uno. The project list includes traffic light controller, speed and direction control of DC motor, distance measurement using ultrasonic sensor, obstacle detection and indication, etc.

The workshop was managed and conducted by Prof. Parag Narkhede and Prof. Shripad Deshpande.



Prof. Shripad Deshpande delivering an introductory session



Participants



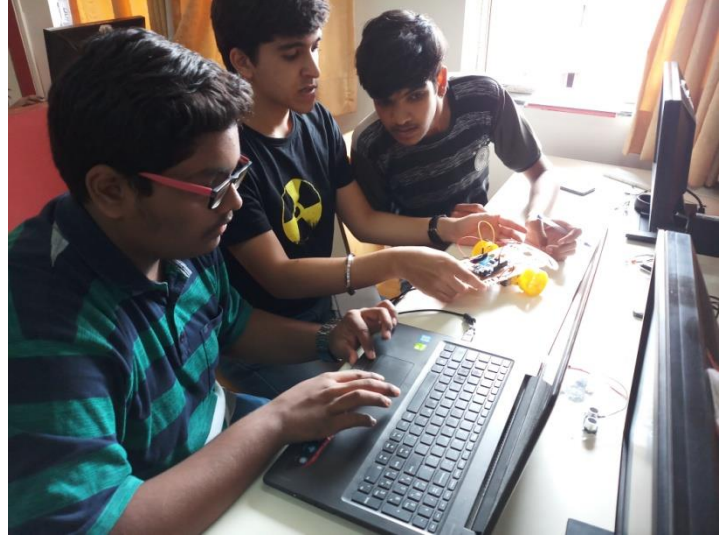
Prof. Shripad Deshpande Solving the participant's doubts



Prof. Parag Narkhede and Prof. Shripad Deshpande with the participants



Prof. Parag Narkhede delivering a session



Participants building a robotic vehicle in the workshop