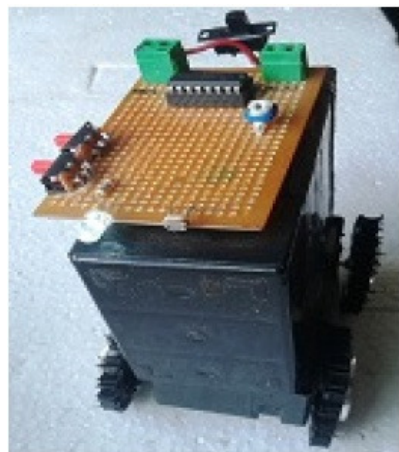
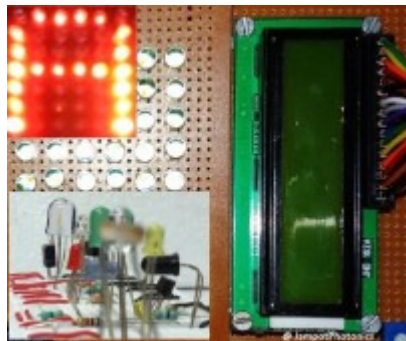


# Workshop on “Embedded Systems in Robotics”



- Robotics & AI Fundamentals
- Embedded System Design
- Embedded C
- AVR based Robot Design

( Includes Personal Photonics Tool Kit )

**Duration: 2 days**

Students interested in:

- ❖ Learning about Robotics,
- ❖ Embedded C programming
- ❖ Embedded system hardware
- ❖ Hands-on Experiments involving Sensors and Actuators

**Training & Demonstration In:**

Participant will get hands on training on the following topics:

- ❖ Exploring Embedded Software and Hardware
- ❖ Electronic Circuit Design
- ❖ OptoElectronics
- ❖ Ray Optics

**Training Outcome:**

- ❖ To expose the participants in Embedded System fundamentals and develop the understanding to use AVR Platform, Sensors and Actuators
- ❖ Each participant will get Personal Robotics Kit with different electronics components, micro-controllers, sensors, actuators, interfacing ICs & the knowledge to utilise to the full potential.
- ❖ Each participant will be exposed through hands-on approach to have an in-depth insight into the world of Embedded Systems and Robotics.

## Registration, Payment and participation:

- Weekend Workshops (Sat-Sun) from 9:30 to 5 pm.
- Interested participants should register their names one week before by paying fees of **Rs. 1250** in advance or paying fees to respective college coordinator
- Payment should be made by drawing DD or bank Transfer to “**Jampot Photonics Private Limited**” (Bank Account No. : **50200010593307** Bank: **HDFC BANK LTD**, IFS Code : **HDFC0000052**, Account Type: **Current**, Branch : AUNDH, PUNE-411007)
- Admission will be on First Come First Serve basis (no. of seats max 20) .
- **Participants are advised to carry their personal laptops that will be used for embedded programming**