

## **Report on Short Circuit (Robotics) Workshop**

**(ODD Sem 2015-16)**

Short Circuit (Robotics) Workshop were organised in the ECE Department for third Year students in P2P hall on 8<sup>th</sup> October 2015. Third year students were divided in 14 batches of 5 students each. Short Circuit (Robotics) Workshop was organised by I3Indiya and lecture has been taken by Mr. Deepak and Mr. Shanu and Mr. Ajay.

### **Description of content of Short Circuit (Robotics) Classes held on 8<sup>th</sup> October**

#### **PHASE-1**

The basic component used was microprocessor. It is programmable device which is capable for performing various task b/w software and hardware. Also a whole kit consisting of 14 components was provided by trainers. Some of them were bread board, dtmf, auxcable, LED, wires, IC etc.

#### **PHASE-2**

In this phase we did assembling of components, which was the most interesting part of this workshop. At first the basic circuit was designed on bread board which was further verified by glowing LED with an adapter.

#### **PHASE-3**

Then in the last phase rest of the circuitry was attached on bread board then our transistors provided us a software called DTMF to our phone, with the help of DTMF software our robot was finally able to move and for performing further task.

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