



**MICROCONTROLLER BASED SYSTEMS  
AND ROBOTICS HUB  
[μCR]**  
JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY,  
NOIDA



**-ESYA EVENT REPORT-**

Students from μCRHub attended ESYA-2015, the annual technical fest of IIIT-Delhi held on 21<sup>st</sup> and 22<sup>nd</sup> of August, 2015. Around 50 students from our hub participated in different competition held at the event and showed their competencies.

Students participated in different events, namely:

**1) Robo-Con:**

Our students enthusiastically took part in the autonomous robotics event, Robocon. The participants were had to make a line follower robot capable of traversing the different tracks given by the organisers in the minimum possible time.

Competition took place in 3 steps where teams were eliminated after each round. A total of 102 teams took part in the first round, out of which 11 were from our hub. The top 22 teams were selected for the second round which was held on the next day. All our 11 teams qualified for the same. The third and final round had knockout matches between the top 8 teams of the second round. We are proud to say that out of these 8 teams, 6 were from our hub.

A team comprising of our second year students secured the first position in this event. The team member were:

1. Deepak Singhal
2. Harshit Khanna
3. Sumi Saxena
4. Anshika Singhal

**2) Robo-Soccer**

Two teams took part in the manual event, Robo-soccer. The competition was based on a football-like theme. The participants had to make a manual robot capable of dragging or hitting the ball around the arena, into the goal post of the opponent. The team with less number of goals at the end of the match was eliminated. One of them reached the semi-final round.

### 3) Circuitrix

Two team from our hub also took part in 'Circuitry', an electronic circuit analysis competition. It was a circuit analysis and design competition, where participants need to analyse and design both analogue and digital circuits. Competition took place in 3 rounds and one of the team qualified for the 3<sup>rd</sup> round.

### 4) Hackathon

Another team from our hubtook part in the event Hackathon, a hardware hacking competition. Participants had to develop a project in one night and had to do marketing of their project. Team from our hub qualified for the Final Round.

## GLIMPSES OF THE ESYA-2015

