

ROBOTICS CLUB IIT DELHI

VISION

The Robotics Club was founded in 2003 by Prof. S.K. Saha with a vision to spur robotics related activities among students of IIT Delhi. We aim to provide opportunities and technical exposure to students so as to enable them to contribute towards development of technology in the society.

COMPOSITION OF CLUB

The robotics club constitutes of professors and student members who are responsible for day to day functioning of the club

- **CORE MEMBERSHIP-**

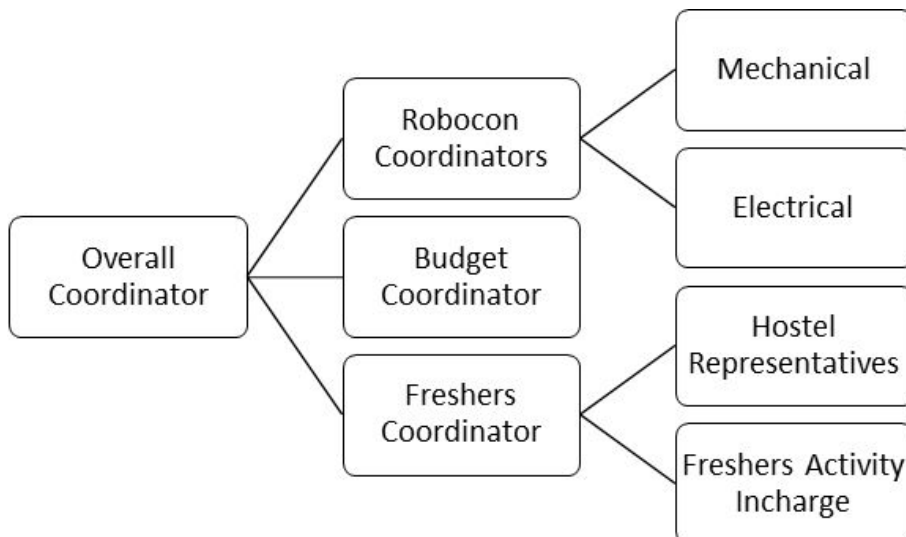
- **Professors-**

- Head of Robotics Club
- Faculty Advisors

- **Student Members**

- Overall Coordinator
- Freshers Coordinator
- Mechanical Coordinator
- Electrical Coordinator
- Budget Coordinator
- Senior Team Members
- Robocon Team Members
- Hostel Representatives
- Fresher's Activity Incharge

- **ORGANISATIONAL HIERARCHY**



SELECTION PROCEDURE

Robotics club follow a well laid down procedure which have developed over the years to select its members-

- **OFFICE BEARERS**

The office bearers of robotics club are selected from within the members of the club by faculty incharge, in consultation with senior students and mentors, based on performance in previous years.

- **ROBOCON TEAM MEMBERS**

A rigorous procedure is followed to select the members for robotics club who will represent IIT Delhi in national level Robotics Competition "Robocon"-

1. Interested students are first selected for Summer Training Programme by means of interviews and workshops
2. The selected students undergo intensive practical training during summers
3. The final members of Robocon Team are selected from among these students on basis of skills and efforts

- **HOSTEL REPRESENTATIVES**

The Hostel Representatives are selected by the office bearers in consultation with all the members of the club.

ADMINISTRATIVE MEETINGS

- Monthly meeting with Faculty advisors with team members to discuss progress of Robocon and different competitions.
- Weekly Internal meetings of senior members and coordinators.
- Daily meetings within team members and coordinators.

TIMELINES

- **Robocon Timeline-**

The biggest activity in which the Robotics Club is involved is the International Robotics Competition "ABU ROBOCON" whose zonal level competition is held in India every year. The Overall Coordinator along with Mechanical and Electrical coordinators manage IIT Delhi's Robocon Team.

At the start of each academic session, a timeline is made for the Robocon competitions which include the schedule for meetings, progress review and deadlines for designing. This timeline is made by the coordinators in consultation with mentors and faculty advisors.

ACTIVITIES

The Robotics Club organises various activities round the year. This include:

- Orientation for Freshers
- Robot making Workshop for Freshers
- Summer Training for Freshers
- Participation in Technical Fests
- Participation in National Level Robotics Competition “Robocon”
- Development and Exhibition of RoboMuse
- Exhibitions for school children
- Exhibition of various robots in Open House

GROUND OF DISQUALIFICATION

1. If a member shows lack of interest towards club activities or provides hindrance to teamwork, the member may be disqualified and will cease to be the member of Robotics Club

PRESENT TEAM AND OFFICE BEARERS

- **Faculty Advisors-**
 - Head of Robotics Club - Prof. Kolin Paul (CSE)
 - Faculty Advisors- Prof S.K. Saha (ME), Prof. Sunil Jha (ME), Prof. J.P. Khatait (ME), Mr. Dharamindar Jaitly (Mechatronics Lab)
- **Office Bearers**
 - Overall Coordinator - Purnendu Tripathi (2014ME20749)
 - Freshers Coordinator - Nishant Agarwal (2014EE10464)
 - Mechanical Coordinator - Gaurav Sardal (2014ME20726)
 - Electrical Coordinator - Rahul Kumar (2014EE10478)