



**Hon. Sandeepji Kadam Honorary Secretary PDEA  
and Hon. Principal S.N. Kukale interacting with the  
students**



**Mr. Nitin Acharya of Robocart.com conducting session**



**Training session**



**Training Session**



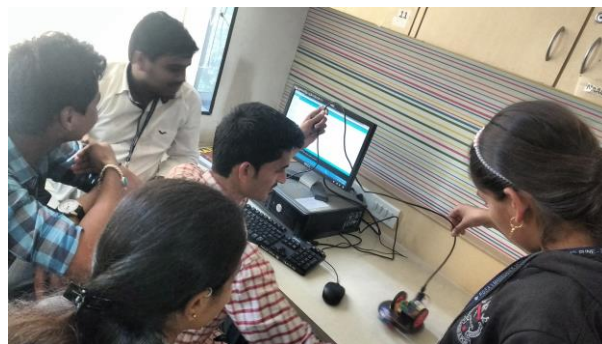
**Training Session**



**Competition held at the outset of Workshop**



**Participants**



**Competition**



### **REPORT OF TWO DAYS WORKSHOP ON ROBOTICS**

Robotics is an interdisciplinary, breeding field for creativity and innovation for the people with background in Electronics, Electrical, Mechanical and software engineering. It has wide variety of applications in medical, agricultural and manufacturing industries. Today's world is world of automation; robots are part of it. There are ample of opportunities in designing, repairing and maintaining robots. Robotics can be good career opportunity for the student. The main objective of the workshop is to introduce students with the field of **Robotics**. Also, now a day's embedded systems are used for designing Robots and embedded systems are the part of SY B Sc curriculum; this "hands on" experience during workshop will provide curriculum enrichment to the students.

With these objectives, **Electronics department, Mamasaheb Mohol college** in association with **Board of student Welfare, SSPU, Robocart.com, Mumbai and innovation cell IIT Bombay** organized two days workshop on "**Robotics**" during **12<sup>th</sup> and 13<sup>th</sup> JAN 2017**. The workshop was inaugurated by Hon. Adv. Sandeepji Kadam, Secretary, PDEA, Pune. Mr. Nitin Acharya of Robocart.com was the guest of honor. In his talk Hon. Adv. Sandeepji Kadam told students to be prepared for new technologies and at the same time students must give attention to understanding of the basic concepts underneath.

During these two days the students were trained to build Robots using autonomous Robotics kits and programmed robots using Arduino platform. They built line follower Robot, Timer Control Robot, Obstacle avoider robot, Photo phobic, photo tropic and sound controlled robot applications.

At the outset of the workshop the **competition** was held and first three groups were awarded with the **merit certificate**.

The coordinator of the workshop, Head of the electronics department is thankful to Board of Student Welfare SSPU for sponsoring this event. The coordinator is also grateful to PDEA and Hon. Principal Prof. S. N. Kukale for their support in organizing the event. And special thanks to Prof. Haridas Khese Student welfare officer, MMC, Prof. Sunita Bhagwat, SPCollege, Mr. Akash Birajdar student coordinator and Miss Soni Chougule Student coordinator for their cooperation.

Co ordinator and Head of the Department

Prof. Sapana Rane