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**SARVAJANIK UNIVERSITY**  
**SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY**  
**Instrumentation & Control Department**

**Report**

**On**

**One day**

**Workshop**

**“Robocar”**

**On August 22,2024**

**Dr. Tejal Joshi**  
**Faculty Coordinator**

**Prof. Jayana Rana**  
**Faculty Coordinator**

## **Robocar Workshop Report – August 22, 2024**

The Instrumentation & Control Department has successfully organized a workshop of “**ROBOCAR**” on August 22, 2024 with the goal of covering Basics of Robotics with various specific application developments, which can help student increasing their participation in different Robot competition. There were 33 participants who actively took part in the workshop.

### **Highlights of the workshop**

To guarantee a thorough knowledge of the topics, the training was separated into many sections. Following topics were covered to enhance the participants' learning experience.

- Introduction to Robotics & Ardunio Controller
- Actuator control using Arduino
- Assembling of Robo Car
- Ultrasonic Sensor Introduction and design of Obstacle avoidance Robot
- White Line follower Robot

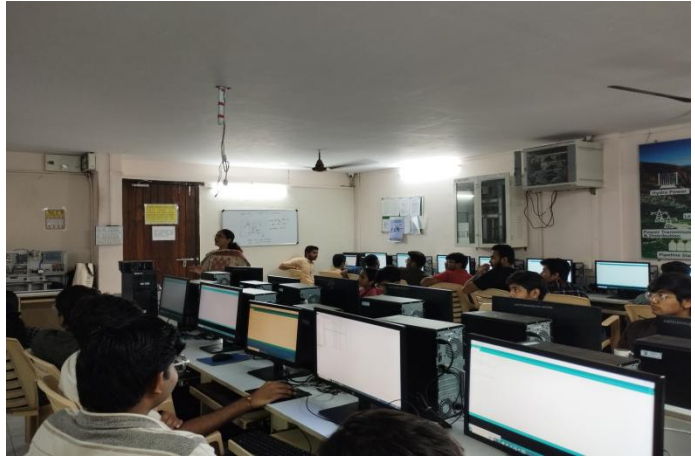
Hands-on exercises were integrated throughout the workshop. This approach allowed participants to reinforce their understanding and gain confidence in developing their own Wheeled Robot.

## List of Participants:

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## Glimpses of Workshop:



Compiled by :Jayana Rana