

**Amrita Vishwa Vidyapeetham, Bangalore Campus**  
**Amrita Club for Robotics and Mechatronics (ACROM) & IEEE Robotics**  
**and Automation Society Student Branch Chapter (RAS)**

**Event Report**

**Basics of Robotics - Hands on Workshop**

On 24<sup>th</sup> and 25<sup>th</sup> November 2023(during Dastaan), Amrita Club for Robotics and Mechatronics (ACROM - RAS) & IEEE ROBOTICS AUTOMATION SOCIETY conducted their event “*Basics of Robotics - Hands on Workshop*”.

The event was conducted for two days from the time 9:00AM to 4:00PM. There were two guest speakers Mr.Mohit and Mr.Mujaid who are alumni from Amrita Vishwa Vidyapeetham, Bangalore.

The main objective of this workshop was to give an introduction of robotics with arduino programming and helping the participants create three different robots. The guests and executives encouraged the participants to try to be innovative and create different types of bots with the same components.

Each team were given a set of components which included the arduino, body of the robot and all the different sensors and tools necessary for the construction for the robot.

There were a total of 32 (9 teams) registrations, but only 28 appeared for the workshop (8 teams).

The three robots are

- Mobile Controlled Car
- Obstacle Avoidance Car
- Line Follower Car

**Gallery:**

