

EVENT REPORT

HANDS ON WORKSHOP

On 5th November and 6th November 2022, Amrita Club for Robotics and Mechatronics (ACROM - RAS) & IEEE ROBOTICS AUTOMATION SOCIETY conducted their event, under the mentorship of Mr. Nippun Kumaar A. A., ***“Hands on Workshop”*** which was 2 days workshop. The speakers of the event were the Alumni of 2019 B.Tech batch : Mr.Mohit and Mr. Mujahid.

Its main focus was to teach the 1st year B.Tech students the building of bots. The event was held for 2 days from 9:00 AM to 4:30 PM. There were a total of 10 teams with 4-5 participants in each team from different streams who had attended the event.

DAY-1:

It commenced with a welcome note by Mr. Nippun Kumar A.A, Mentor of the club, Assistant Professor, Dept. of Computer Science and Engineering. He briefed the participants about the agenda of the event and welcomed the speakers. The event was then took forward by Mr. Mohit and Mr. Mujahid . They spoke about basics of robotics, the components required to build a bot, introduction to Arduino IDE. The participants were then taught to write simple codes on Arduino. They were then provided with component kit. The participants were able to build the line follower bot at the end of Day-1.

DAY -2:

It started of with building of RC Controller bot. Once all the teams were able to build it, the speakers moved forward to help them build Bluetooth module bot and obstacle avoider bot. They were able to successfully complete all the three bots. Later , information about serial connection and working of sumo wrestler bots were explained. The event concluded with a vote of thanks by Mr.Nippun Kumar A.A, Mentor of the club.

This informative session guided students by enlightening them about the domain and gave them the fuel to get started with building their own robots.

Interesting queries from the students were addressed towards the end. Feedback from the participants was collected which suggested that they found this event to be very informative. They also conveyed that they are looking forward to more such events.

EVENT POSTER:

**ACROM**
AMRITA CLUB FOR ROBOTICS AND MECHATRONICS

**AMRITA**
VISHWA VIDYAPEETHAM

**AMRITA**
School of Engineering Bangalore
IEEE
Student Branch

**IEEE**
Robotics & Automation Society
ASEB STUDENT
BRANCH CHAPTER

HANDS ON WORKSHOP (DIY)



**LINE
FOLLOWER**

**ANDROID
MOBILE
CONTROLLED**

**OBSTRACLE
AVOIDANCE**

**SUMO
WRESTLER**

**Register
now!!**

- Team of 4 or 5
- Registration fee:
4500/- per team

**Register
here**

**Computer lab,
E block
5Th floor**

**5th and 6th
November**

**GET A TAKE AWAY MOBILE
ROBOT KIT!**
Deadline :31st Oct 2022

TALK TO US
Achyuth: 7993429176
Keerthana: 7892407695
Kushank: 7901456164
Sneith: 9740950280

EVENT PHOTOS :





