

AR-BOT

Reported by Brahmani, the Secretary of Robotics Club

15 October 2022, CMR Technical Campus

In CMR Technical Campus, under the aegis of Department of Electronics & Communication Engineering, organized a Technical Project Expo- **AR-BOT**, in association with Robotics Club. The inauguration of the Project Expo event was held on **14th October 2022**, at 1:00PM. We chose Microprocessor and Micro-controller laboratory as a venue.

The major objective of organizing this exhibition was to provide a platform to unleash the potential of the students by showcasing their innovative projects and provide an opportunity for the students to demonstrate their learning experience.

Honorable Guest of Honor, HoD of ECE Department Prof. G. Srikanth sir and Prof. Sudha Arvind madam inaugurated the event. Over 70 students exhibited 18 projects in the expo. Prof. G. Srikanth sir, Prof. Sudha Arvind madam along with Dr. K. Bharath Kumar sir and Ms. M. Sravanthi madam went round the exhibits and interacted with students.

Objectives of the Technical Project Expo- **AR-BOT**:

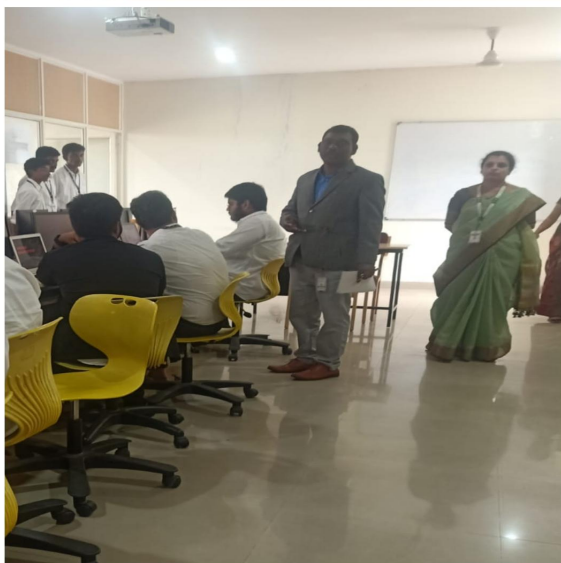
- To empower every student to achieve their truest potential.
- To realize engineering passion with respect to build something innovate for the future.
- To enhance industry and institute interaction.
- To motivate students for present their innovative ideas.

List of projects presented in the Expo:

- 1. ARDUINO BASED ANTI SLEEP ALARM SYSTEM FOR DRIVERS**
- 2. ALCOHOL SENSING ALERT SYSTEM USING GSM MODULE**
- 3. MARS ROVER**
- 4. SAFE DISTANCE MAINTAINING CAR ROBOT TO AVOID ACCIDENTS**
- 5. RADAR SYSTEM**
- 6. SMART CLOTHES LINE**
- 7. RADIO FREQUENCY IDENTIFICATION**

8. GARBAGE SEGREGATION ROBOT
9. HAND GESTURE VOCALIZER
10. ARDUINO BASED PAPER PIANO
11. MOUNTAIN CLIMBER HEALTH AND GPS TRACKER
12. AUTO PILOT DRONE
13. PICK AND PLACE ROBOT
14. LI - FI BASED VOICE COMMUNICATION
15. FIRE FIGHTING ROBOT
16. SAFE DISTANCE CAR
17. MEDBOT
18. OBSTACLE AVOIDING ROBOT

Glimpses of the Inaugural Ceremony





Thus, the event generated a high degree of excitement in the faculty and students of the college, and became great success.

Participation certificates were issued to all the participants for their active participation. By this a memorable event came to an end at 3:30PM on 14/10/22.