

REPORT ON ROBO SOCCER COMPETITION

Department of Electronics and Communication Engineering organized a club activity "ROBO SOCCER COMPETITION" under CoE in Robotics and Industrial Automation. In this competition, students had to battle it out and prove their endurance in a nail-biting game of robo soccer using their bots designed from scratch. This was conducted and coordinated by Dr. Soumya Sundar Pattanayak (AP/ECE) and Mr. L. David William Raj (AP/ECE). 40 students and 8 teams from ECE 2nd, 3rd and 4th Year participated.

The program was started on 26th December 2022 at 9.00 AM. The external judge was Mr. Gowrish Banavathi Viswanath, Specialist at Robert Bosch Engineering and Business Solutions Private Limited, and Dr. I Hameem Shanavas, HOD-ECE, MVJCE.

Opening remarks for the session was given by Mr. Gowrish Banavathi Viswanath. He gave a glimpse of the activities going on Robotics in the current scenerio and various R&D Section. The inaugural lecture was concluded by 9.00 am.



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A total of 8 teams and 40 participants competed on the event with their wireless bots. All of the participating bots provided tough competition, refusing to go down without a fight. For the students, this was an opportunity to apply their technical knowledge in practical situations, and thereby even learn soft skills like teamwork, perseverance and sportsmanship.

Two groups were formed and every group contains 4 teams. Every group played 6 group matches. After 12 group matches, the four teams were selected for semi-final based on their score. The semi-final round consisted of four rounds, with each subsequent round getting progressively more difficult than the previous, as only the best bots remained.



Winners with the Principal, MVJCE



Runner with the Principal, MVJCE

Outcomes:

1. The students put in lot of thought to design a robot that is agile, dynamic with a good traction and a balance between the torque and speed. Many such variables are considered by students while designing a robot for Robo-Soccer.
2. Totally 40 students learnt to design robot which can be used for dynamic and agile applications.