MVJ COLLEGE OF ENGINEERING Since 1982 — Engineering A Better Tomorrow

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REPORT

ON

ROBO CHALLENGE

Department of Electronics and Communication Engineering organized a **club activity"ROBO CHALLENGE"***under CoE in Robotics and Industrial Automation.* In this competition, students had to exhibit 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). 60 students from ECE 2nd, and 4th Year participated in this club activity.

The program was started on 7th January 2023 at 9.00 AM. The dignitary on the stage wereDr. P Mahabaleswarappa, Principle, MVJCE, Mr. Gowrish Banavathi Viswanath, Specialist at Robert Bosch Engineering and Business SolutionsPrivate Limited, and Dr. I Hameem Shancavas, HOD-ECE, MVJCE.

Opening remarks for the workshop was given by Dr. P Mahabaleswarappa, Principle, MVJCE. He gave a glimpse of the activities going on MVJ College of Engineering on Robotics. The inaugural lecture was concluded by 9.30 am.

Dr. Mahabaleswarappa presenting a Memento to the Chief Guest

A total of 12 teams and 60 participants competed the event with their wireless bots. For the students, this was an opportunity to apply their technical knowledge in practical situations, and thereby even learn soft skills like teamwork, perseverence and sportsmanship.

Review of the robot by Dr.Utsab Banerjee and Mr. Sayantam Sarkar, Asst. Prof., ECE, MVJCE

Outcomes:

1. The students put in lot of thought to design a robot that is agile, dynamic with a good traction, a balance between the torque and speed. Many such variables are considered by students while designing a robot.

2. Totally 60 students learnt to design robot which can be used for dynamic and agile applications like fire fighter robot, wall climbing robot, line follower robot and many more.