ROBOTICS GAMING COMPETITIONS HELD ON 01-10-2026

Promoting Hands-on Learning and Innovation in Robotics

The Department of Electronics and Communication Engineering (ECE) of Malineni Lakshmaiah Women's Engineering College (Autonomous) organized Robotics Gaming Competitions on 1 October 2026 at the Seminar Hall for second-year ECE students. The programme aimed to foster practical learning, technical innovation, and enthusiasm for robotics through engaging, hands-on activities.

The competitions featured two exciting events: the Line Follower Robot Competition and the Obstacle Avoiding Robot Competition**.** Mr. P. Vijay, a team member from Teckybot, served as the resource person and guided students during the technical activities. The programme provided students with practical exposure to robot design, circuit assembly, programming, and calibration. Participants applied concepts related to sensors, microcontrollers, Embedded C programming, and the Internet of Things (IoT) to develop and operate autonomous robots. Working in teams of four to five members, students strengthened their teamwork, leadership, communication, and problem-solving skills while addressing technical challenges.

The competitions created an interactive learning environment that encouraged creativity, logical reasoning, peer learning, and healthy competition. They also motivated students to explore advanced applications of robotics and prepare for technical festivals, hackathons, and state- and national-level competitions.

Overall, the programme successfully bridged theoretical knowledge with practical engineering applications, enhanced students' technical confidence, and inspired them to explore career opportunities in robotics, artificial intelligence, and industrial automation**.**





Students Participating in the Line Follower and Obstacle Avoiding Robot Competitions

MALINENI LAKSHMAIAH WOMEN'S ENGINEERING COLLEGE

(AUTONOMOUS)

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