MAHATMA GANDHI
INSTITUTE OF TECHNOLOGY (Autonomous)

MOTIVATE
INNOVATE
EMPOWER

29 YEARS

TECHNOVATION'26

ROBOTICS CLUB MGIT

DEPARTMENT OF MECHANICAL ENGINEERING (MECHATRONICS) X ROBOTICS CLUB PRESENTS
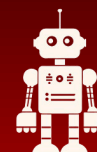
ROBOTHON
ROBOTICS WORKSHOP

What is Robotics Club?

Robotics Club is a student-led community that brings together technology enthusiasts to learn, build, and innovate in robotics and automation through hands-on projects, workshops, and competitions. It helps members develop practical skills, creativity, and teamwork.

Why should you register for this workshop?

- Hands-on Learning: Gain practical experience by building and programming real robotic systems.
- Beginner Friendly: Designed for students with little to no prior robotics knowledge.
- Industry-Relevant Skills: Learn concepts like sensors, actuators, automation, and basic programming used in modern industries.
- Certificate of Participation: Earn recognition for your technical learning and involvement.

What Participants Learn
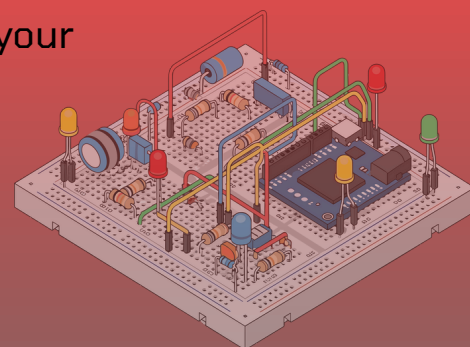
Module 1: Introduction to Arduino
Module 2: Arduino Hardware Basics
Module 3: Arduino IDE & Programming Basics
Module 4: Sensors for Robotics
Module 5: Actuators – Motors & Control
Module 6: Building Bot

Post-Workshop Robotics Challenge

After the workshop, put your learning to the test in an exciting hands-on robotics competition! Participants will be given a riddle based on concepts covered during the workshop. Solve the riddle to identify the required components, design the circuit diagram, and build a working circuit within the given time.

ROBOTICS CLUB

MGIT

Register Here

SCAN ME
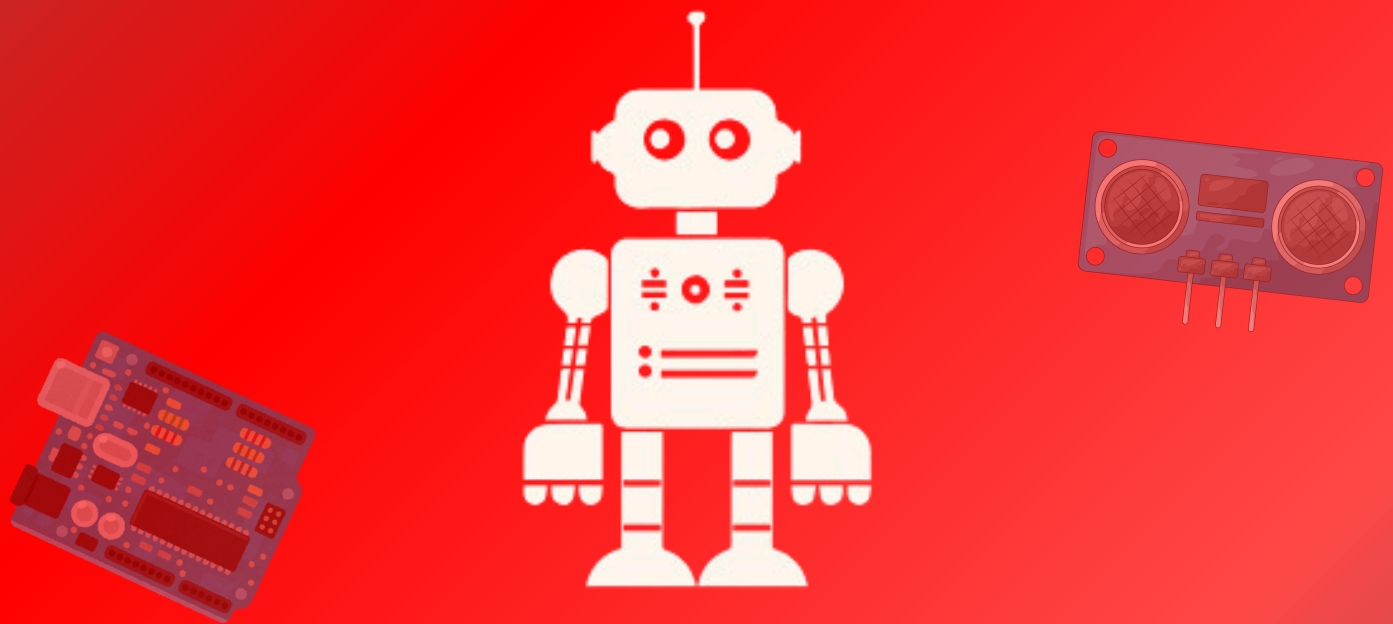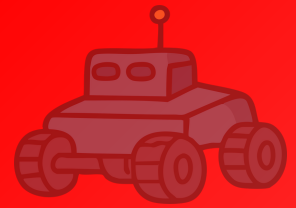
12, 13 Feb 26
10AM - 4PM
B - 404

FACULTY COORDINATORS
MR. B.GOVINDA REDDY
DR. P SRINIVASA RAO
MR. P.V PRASAD REDDY

STUDENT COORDINATORS:
ADITYA VISHNU
93816 16140
RAWOOF
83413 51760