IEEE STUDENT BRANCH

MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY, HYDERABAD

IEEE ROBOTICS AND AUTOMATION SOCIETY

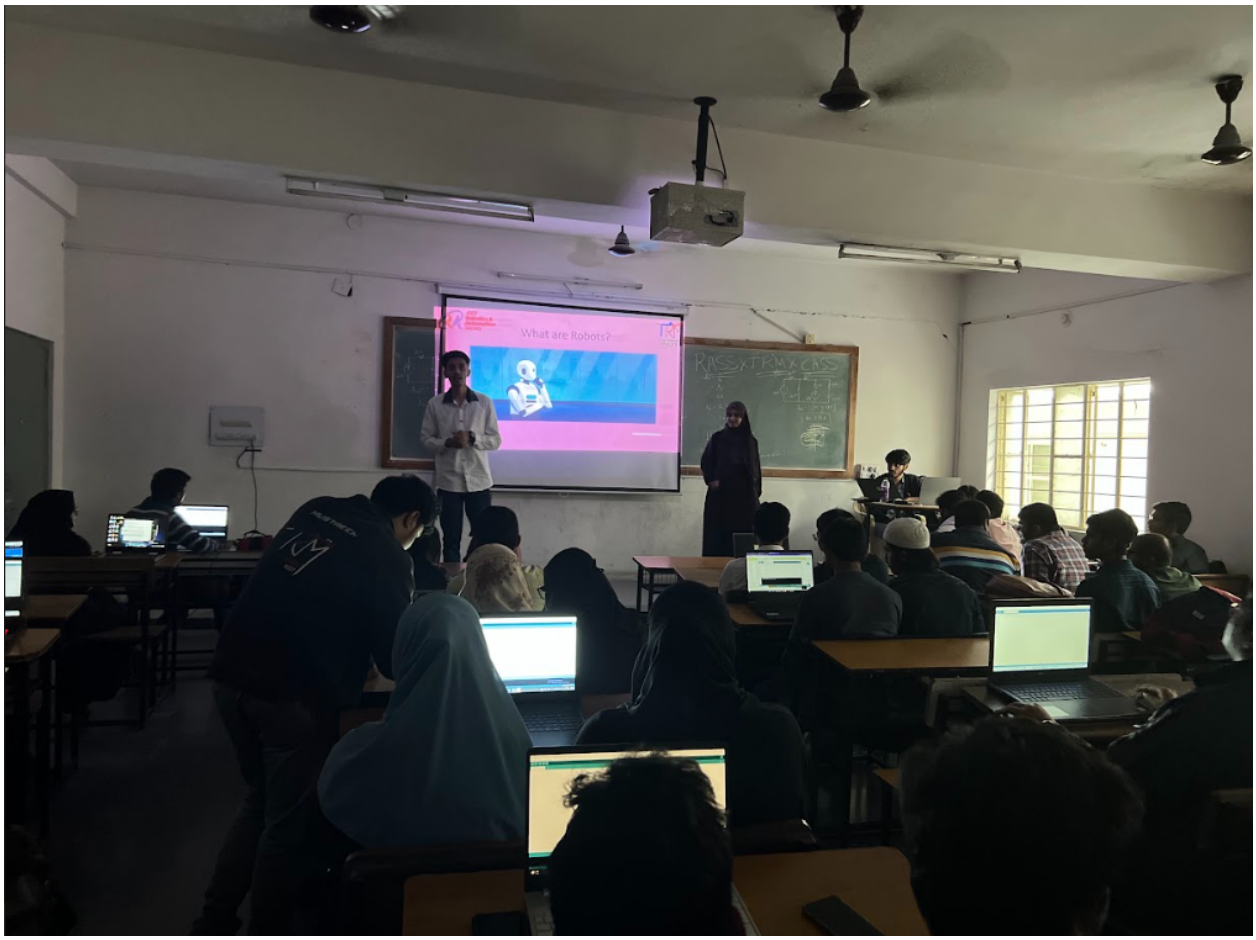
Name of the Event: Unfold Robotics
Date: 29 November 2022
Location: Student Activity Centre, Block 1, 4th Floor
Timings: 11 am - 4 pm (2-day event)
Number of Attendees: 90 - 100

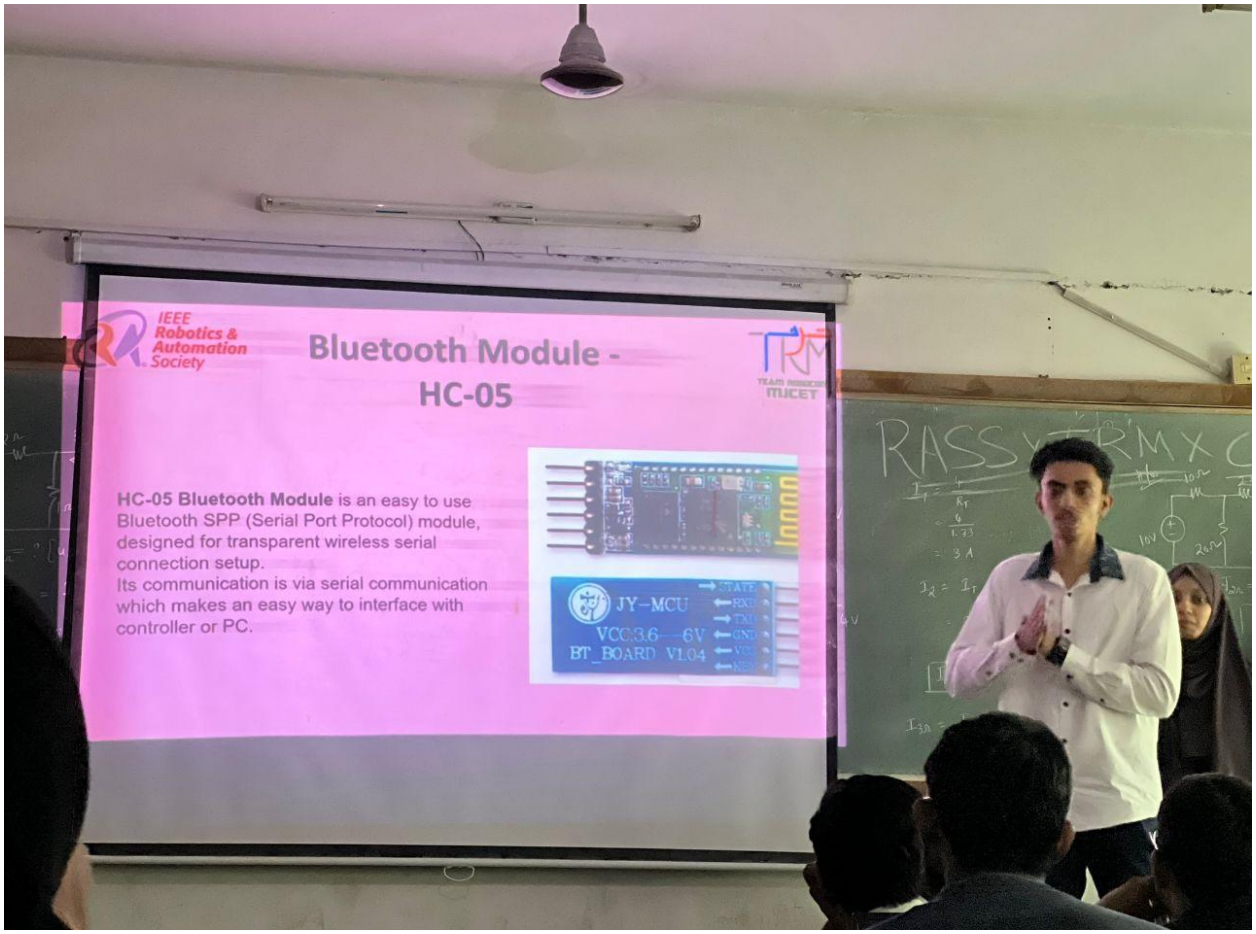
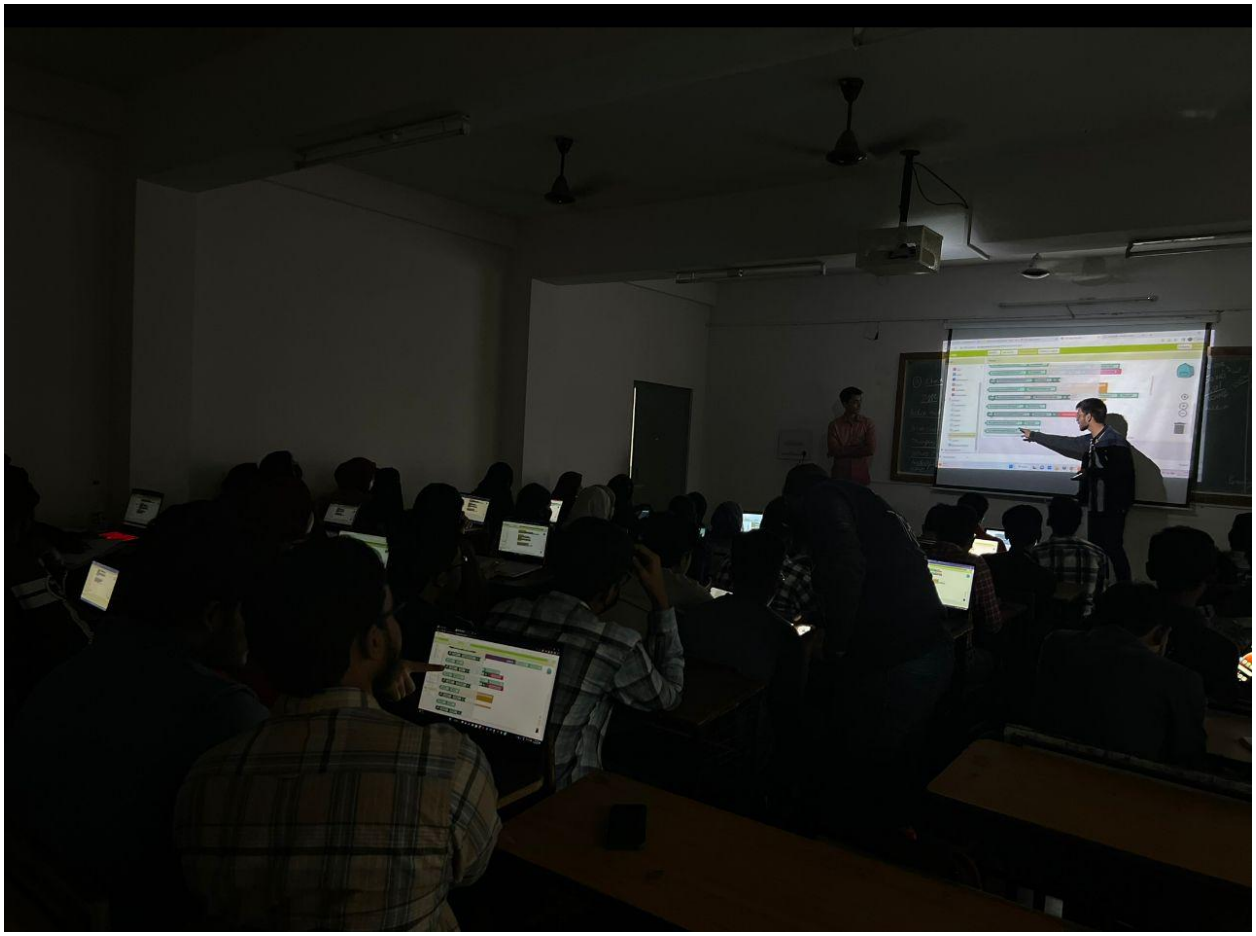
ABOUT THE EVENT:

The Unfold Robotics Workshop, organised by IEEE Robotics and Automation Society (RAS) and Team Robocon MJCET (TRM), successfully concluded with remarkable achievements—the workshop aimed to equip participants with the skills to create a fully functioning robot.

During the workshop, attendees received comprehensive theoretical sessions covering robotics fundamentals. Practical training sessions allowed participants to assemble their robots and gain hands-on experience in hardware integration and troubleshooting.

An exciting highlight of the event was the development of an app for controlling the robots. Participants learned app development techniques and successfully created an app that held an RC car, showcasing their newfound skills.


What are Robots?


IEEE Robotics & Automation Society
Bluetooth Module - HC-05
TRM
TEAM RESEARCH MJCET
HC-05 Bluetooth Module is an easy to use Bluetooth SPP (Serial Port Protocol) module, designed for transparent wireless serial connection setup.
Its communication is via serial communication which makes an easy way to interface with controller or PC.
JY-MCU
VCC:3.6---6V
BT_BOARD V1.04
STATE
RXD
TXD
GND
VCC
KEY

IEEE
Robotics &
Automation
Society
They can be extremely intelligent and learn on their own. A complex idea can be conveyed with just a single still image, namely making it possible to absorb large amounts of data quickly.