



# IET

INSTITUTE OF  
ENGINEERING &  
TECHNOLOGY



**AHMEDABAD  
UNIVERSITY**

Global Education at Local Cost, Context and Ethos™

## Gesture Controlled Robot

Deval Shah, Maharshi Bhavsar, Pratham Solanki

### Application:

- Automation in warehouses
- Military Applications
- Assistance for physically challenged people

### Learnings:

- Basics of IOT
- Accelerometer Interfacing
- ATmega32 interfacing with other devices.
- Analog to digital conversion
- Basic construction of robot
- RX and TX module working and interfacing with MCU

