



# Embedded Technosolutions

Venture of IIT Bombay & VJTI Alumni

Embedded Systems | Software | Mechanical | Automation

Trainings & Jobs

**100%** Placement Assistance

Contact : 8828222688 / 9224301650

[www.embeddedtechnosolutions.com](http://www.embeddedtechnosolutions.com)



## Gesture Control Robotics

**We Are India's one of the Leading Trainings & Jobs Providing Organization**



**Skill India Mission**

कौशल भारत - कुशल भारत

*Government of India Registered & ISO*

*Certified Organization*



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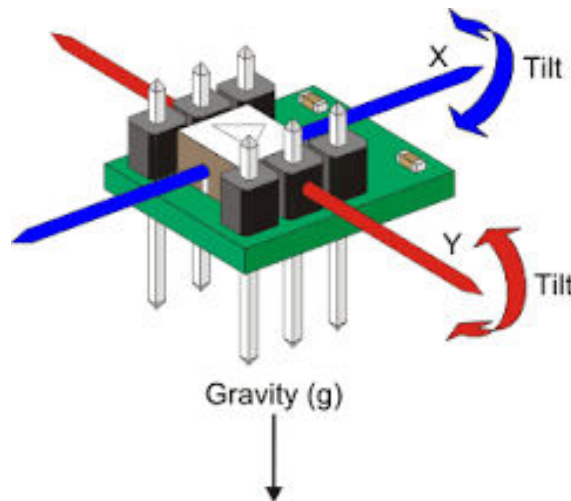
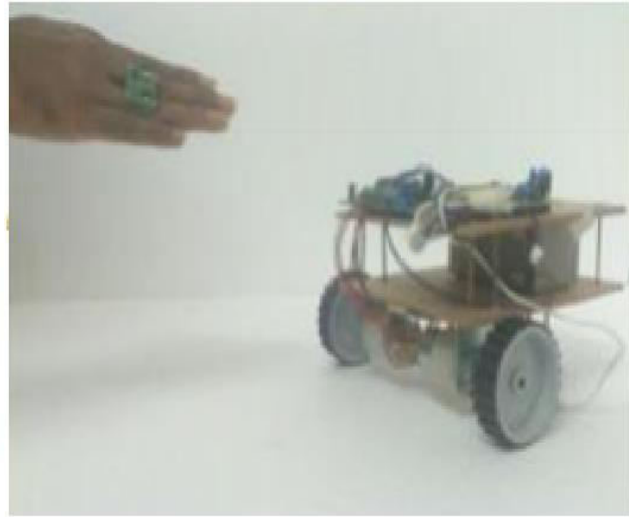
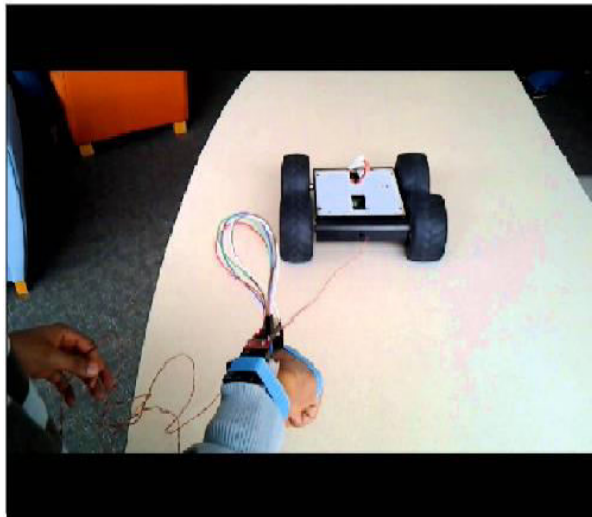
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**Embedded Technosolutions** is a Professional Training Institute & a Company which Working for Indian MNCs & Medium/Small Scale Industries in Product R&D, Development, Manufacturing & Customization.

Our training sessions are purely practical, based on industrial standard.

## Course Objectives

1. To provide professional and industrial standard training which will help the students to get job in the core industries
2. To learn practical orientation of actual industrial product design in robotics
3. To learn the designing of Real World Projects



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## Course Syllabus

### Module 1

- Introduction to robotics
- Basic mechanism of robotics

### Module 2

- Introduction and working of accelerometer sensor
- Practical demonstration and applications of accelerometer sensor

### Module 3

- Introduction and working of analog to digital converter
- Concept of data conversion between accelerometer and ADC

### Module 4

- Interfacing accelerometer and ADC to microcontroller



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## Module 5

- Concept of microcontroller configuration and functioning
- Introduction to structure and programming of microcontroller
- Interconnection of various components to design basic robot body

## Module 6

- Practical concept of motor driver assembly and their interfacing with microcontroller



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## Contact Us

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### Our Other Ventures

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