



# 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)



## DTMF Wireless 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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Client



Keypad input





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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
- Introduction to wireless communication
- Detail concept of mobile communication like GSM, Bluetooth, RF communication, Zigbee , RFID etc.

### Module 2

- Introduction to DTMF technology
- Practical demonstration and application of DTMF technology
- Concept of interfacing DTMF decoders with mobile phone
- Concept of interfacing DTMF decoders with microcontrollers

### Module 3

- Advanced Embedded System work bench and their sections
- Concept of microcontroller configuration and functioning
- Concept of microcontroller programming and structure



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## Module 4

- Serial communication related concept
- Interconnection of various components to design basic robot body

## Module 5

- Concept of robot building and assembling
- Practical concept of motor driver assembly, motor interfacing their interfacing with microcontroller



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## Contact Us

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### Our Other Ventures

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