



# 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)



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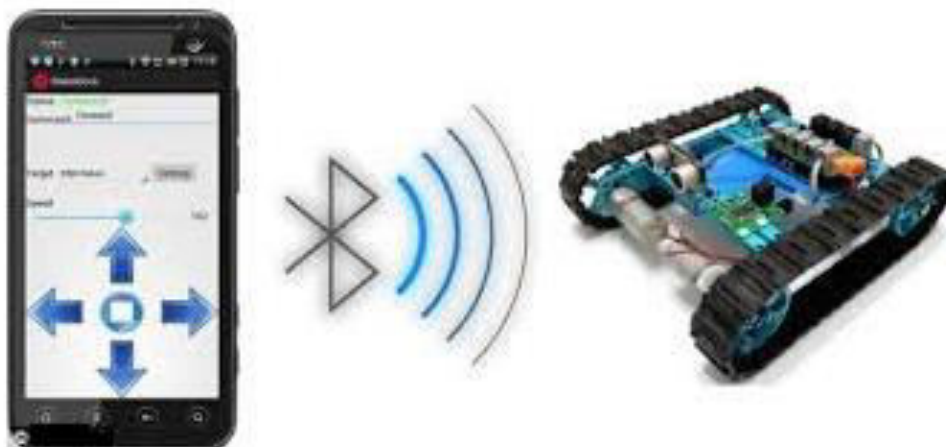
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**Embedded Technosolutions** is a Professional Training Institute & a Company which Working for Indian MNCs & Medium/Small Scale Industries in Product R&D, Development, Manufacturing & Customization.

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 modules like Zigbee, RFID, DTMF, GSM etc and their application in Robotics

### Module 2

- Description of working of Bluetooth Module
- Practical demonstration and application of Bluetooth technology

### Module 3

- Configuration of Bluetooth module
- Concept of interfacing Bluetooth module with microcontrollers

### Module 4

- Introduction to structure and programming of Microcontrollers
- Interfacing of Bluetooth module with Microcontroller and Android App



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## Module 5

- Practical concept of microcontroller and their programming
- Concept of embedded C programming and various software functions
- Concept of Motor driver mechanism and their working

## Module 6

- Serial communication related concept
- Android App and their use in interfacing with wireless module
- Interconnection of various components to design basic robot body



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## Contact Us

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### Our Other Ventures

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