



Embedded Technosolutions

Venture of IIT Bombay & VJTI Alumni

Embedded Systems | Software | Mechanical | Automation

Trainings & Jobs

100% Placement Assistance

Contact : 8828222688 / 9224301650

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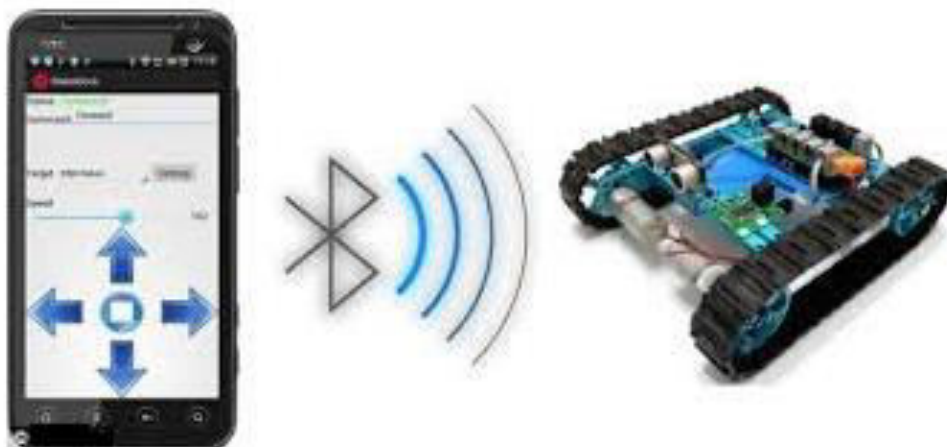
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Embedded Technosolutions is a Professional Training Institute & a Company which Working for Indian MNCs & Medium/Small Scale Industries in Product R&D, Development, Manufacturing & Customization.

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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