



# 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)



## Real Time Operating System (RTOS)

**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***



# Embedded Technosolutions

Venture of IIT Bombay & VJTI Alumni

Embedded Systems | Software | Mechanical | Automation

Trainings & Jobs

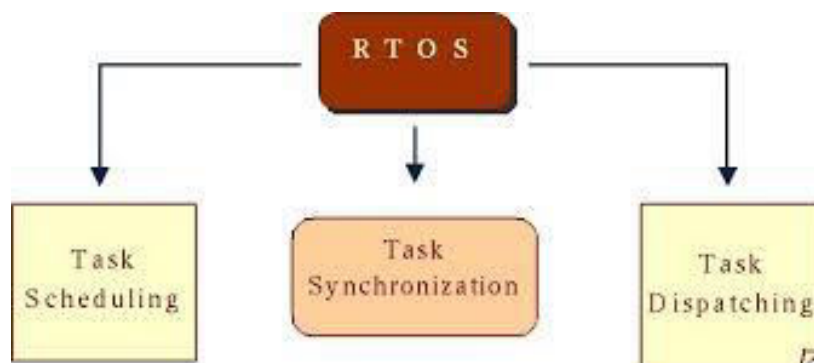
100% Placement Assistance

Contact : 8828222688 / 9224301650

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



# RTOS





# 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)



**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
3. To learn Free RTOS which is the important part of Embedded Product Development
4. To learn the designing of Real World Projects



# 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)



---

## Course Syllabus

### Real Time Operating System (RTOS)

#### Theory Syllabus

#### **Chapter1 : Introduction to real time applications**

- Soft and hard real time applications

#### **Chapter2 : Real time operating systems**

- Introduction to real time operating systems
- Different real time operating systems

#### **Chapter3 : RTOS VS GPOS**

- Task scheduling
- Latency
- Priority inversion



# 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)



---

## Chapter4 : Multitasking

## Chapter5 : FreeRTOS

- Introducing freeRTOS
- About freertos.org and freertos licensing

## Chapter6 : Overview of

- Free RTOS scheduler
- Free RTOS task management
- Free RTOS memory management
- Free RTOS heap and stack management
- Free RTOS synchronization and mutual exclusion services



# 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)



---

## Contact Us

### Contact Number

- 9224301650 (Whats App)
- 022- 62390060

### Email Id

[info@embeddedtechnosolutions.com](mailto:info@embeddedtechnosolutions.com)

[embeddedtechnosolutions@gmail.com](mailto:embeddedtechnosolutions@gmail.com)

### Website

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

### Our Other Ventures

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

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