



Embedded Technosolutions

Venture of IIT Bombay & VJTI Alumni

Embedded Systems | Software | Mechanical | Automation

Trainings & Jobs

100% Placement Assistance

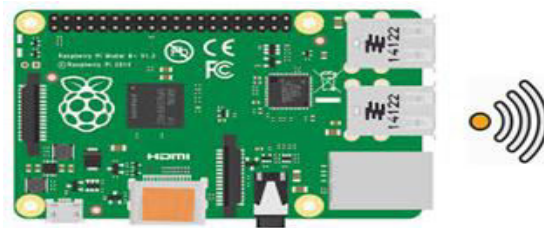
Contact : 8828222688 / 9224301650

www.embeddedtechnosolutions.com



Industrial Certified Raspberry Pi IOT Training Program

Government of India (MSME) & IIT Bombay Alumni Recognized



BRAND
PROMISE

We Guarantee You that, You Can Develop Your Projects by
Your Own After This Training Program



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Type of Enterprise	Micro	Small	Medium
Manufacturing	A	B	C
Services	D	E	F
UAN	MH19E0006383		

Government of India (MSME)
Name of Enterprise : Embedded Technosolutions
Type of Organisation
 Proprietary
Postal Address
 Shop No.C/20,1st Floor ,Amrita Sadan, Near Hotel Dwarka,Nerul West,District - Mumbai City, State - Maharashtra, 400706
Email
 info@embeddedtechnosolutions.com
Majority Activity
 Services
District Industry Centre **UAN**
 Mumbai City MH19E0006383

Government of India (MSME) & ISO 9001-2015
Approved Organisation
Running by IIT Bombay & VJTI Alumni



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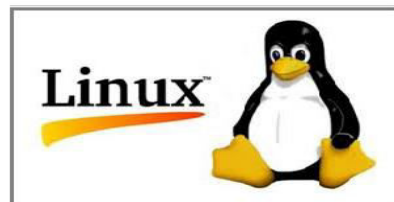
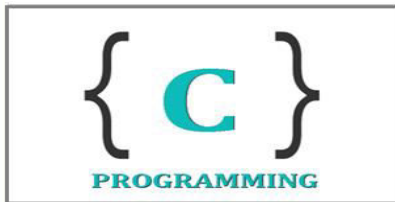
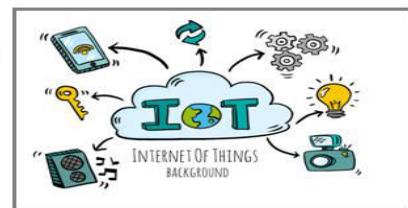
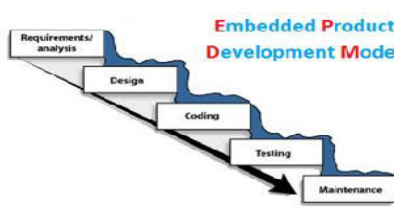
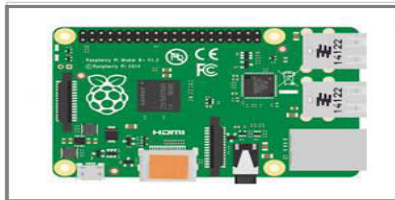
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Embedded Linux With Raspberry Pi IOT

Practical & Professional Training on Raspberry Pi IOT

Module 1 : Raspberry Pi Set up & Configurations

- 1.1 Program Raspberry Pi : a credit-card sized computer
- 1.2 Python programming for Raspberry Pi
- 1.3 Interacting and configuring the RPi OS
- 1.4 ARM 11 architecture
- 1.5 Porting of Linux Kernel and booting RPi



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Module 2 : Linux Command for Application Execution

2.1 Linux programming basics

Module 3 : Raspberry Pi GPIOs

3.1 Programming the GPIO and interfacing peripherals With Raspberry Pi

Module 4 : PWM Generation

4.1 Generating PWM signals through the Pi for Various applications

Module 5 : UART Protocol & Interfacing

5.1 Programming and work with UART protocol ,example Bluetooth

Module 6 : I2C Protocol Interfacing & Applications

6.1 Work with I2C protocol

Module 7 : Camera Interfacing & Applications Designing

7.1 Camera Libraries & Driver Installations



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7.2 Camera based applications designing

Module 8 : Raspberry Pi With IOT

8.1 Remote Login methods: HyperTerminal, Ethernet

8.2 LED Operation Using IOT

8.3 Embedded Webserver

Module 9 : Computer App Designing

9.1 Developing GUI with TKinter



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	<u>Live Projects</u> :
	Raspberry Pi IOT Based
1	Traffic Light System
2	Environmental Parameters Measurement
3	Voice Control Home Automation
4	BlueSys using Bluetooth
5	Wireless Mobile Smart System
6	PWM Based Variable System
7	Camera based Surveillance System
8	GUI Based Home Automation using TKinter



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Placement Policy

- As we are working for industries for their product development, R&D, Customization & Manufacturing we get direct recruitment related notification from that companies whenever there is the recruitment in the that companies.
- Also other companies in the market they also call us regarding recruitment process.

These entire JOB related notifications we exclusively provide to our students and they can apply in that companies directly. We upload the password protected job notifications on our website, students can access that job notifications from our website with password.