

Certification in

Embedded System

Code. Connect. Control.

With Placement Guarantee in Mumbai

32 Hours

Interactive Learning

Embedded System
course offered by
LivetechINDIA.



Enroll Now

Enroll today and learn the most
demanding skills.



ABOUT US

LivetechINDIA team ensures simplifying complex technologies.

Today top most IT training institute in INDIA catering programs like Artificial Intelligence, Data Science, IOT and Software Development

- 25+ Corporate Clients
- 5000+ Students trained
- 100+ Institutes / Universities Associations

CORPORATE TRAININGS



SPJIMR (Top B-School)



**Artificial Intelligence
Training in Indian Railway**

UPSKILL YOUR CARRIER WITH EMBEDDED SYSTEM



Programming

Industry-focused programming language- C is covered in this course to help students stand out in the software field.

01

Microcontroller

Learning microcontrollers will improve fundamental controller abilities using the ATMEGA-16 family.

02

Embedded Systems

Understanding the integration of hardware and software to build intelligent systems

03

Hardware Interfacing

Practical - hands on concept brainstorming with LivetechINDIA- Explore kit to go deeper in the core concept.

04



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WHO CAN LEARN?

STUDENTS

Fresher with '0'
Industry experience

Start your career in
top MNC's

PROFESSIONALS

Unsatisfied with
monotonous work

Upskill your profile
and growth

CAREER SWITCH

Not enough
growth

Grow your
Money by 10x

KEY BENEFITS

The Embedded Systems course offers in-depth knowledge of microcontrollers, hardware interfacing, and embedded programming, designed to prepare students for the rapidly growing electronics and automation industry.

This course provides a thorough understanding of core embedded concepts along with hands-on training using real hardware and tools. Students will learn to design, program, and troubleshoot embedded applications with confidence.

Developed by experienced professionals, the curriculum is crafted to bridge the gap between theoretical learning and industry expectations, equipping students with both knowledge and practical skills needed for career advancement in the embedded domain.

EMBEDDED SYSTEM

Skills



C Programming



Embedded C



Electronics Fundamentals



Microcontroller



Hardware interfacing



Protocol Intergration



Real-Time Application Development



Wired & Wireless Protocols



Circuit Simulation



Debugging & Testing



Topics

Syllabus

C Programming

- Fundamentals of programming
- Variable & keywords
- Input & Output Commands
- Conditional statement
- Loops
- Array & string
- Structure & Pointers

Microcontroller & Embedded C

- Introduction to Microcontrollers
- Features of AtMega16
- Timers & Counters
- Pwm
- ADC
- Interrupt
- Wired protocols – UART , SPI, I2C
- Hardware interfacing – Led , Switch , LCd, seven segment display, Motors,Sensors

Profile Building & Projects

- Capstone Project 1
- Capstone Project 2
- Capstone Project 3
- Capstone Project 4
- Profile reviewing session
- Interview practice session
- Mock interview with working professionals

PLACEMENT



100% PLACEMENT ASSURANCE PROGRAM

We are confident that this course delivers on its promises. However, we want you to experience the same. Accordingly, we are making this bold promise, not given by anyone else in the industry

PATHWAY

1

PROJECT PREPARATION AND LIVE
PROJECT PRESENTATION

2

RESUME BUILDING

3

INTERVIEW PREPARATION

4

INTERVIEW OPPORTUNITIES TILL
PLACEMENT

5

GET PLACED !!!

LivetechINDIA

PLACED STUDENTS



Geetesh Sarang
Got Placed at **TATA AIG**



Chetan More
Got Placed at **Diacto**



Neha Patil
Got Placed at **Capgemini**



Shweta Rane
Got Placed at **Larsen & Toubro Infotech**



Ankit Singh
Got Placed at **Vistaar Digital Communication Pvt Ltd**



Priyanka
Got Placed at **Violet Infosystem**



Loganathan
Got Placed at **Larsen & Toubro**



Nishant Raut
Got Placed at **Archstore**



Saloni Shinde
Got Placed at **Datacloudgaze Pvt Ltd**

PLACEMENT PARTNERS



L&T Infotech



WITH YOU ALWAYS

Capgemini 





FAQs Section



Is this course job guaranteed ?

Yes. LivetechINDIA offers a Job Guarantee course on Full Stack Development. Students are provided unlimited interviews till the time they are placed in industry. No Questions asked on How many attempts you needed.



I have no prior programming language, can I also join this course?

Yes , you can join this course as we have curated our course with fundamentals of programming. The only thing we expect from you to make programming easier for you is the practice.



Currently I am working as a hardware/ QA in Electronics and I want to go into the software field. Can I join this course?

Yes, definitely! Embedded systems with IoT course will give you a multidirectional approach into the software field in Electronics. This course will take you in depth of microcontroller , Embedded C , Internet of things , hardware interfacing and designing.



How will I practice the electronics part as I have no setup ?

Don't worry !! We have solved your problem. The embedded system with IoT course will come with the dedicated kit "LivetechINDIA- Explore Kit " . This will give you practical experience of learning.



Will I receive certificate upon completion?

Yes. Upon completion of your training and submission of all projects, you will receive an E-Certificate certifying your course completion.

GET YOURSELF CERTIFIED



CERTIFICATE OF COMPLETION

YOURNAME

On successful completion of
"Embedded System" training.

Student Id: XXXXXXXXXX



A handwritten signature in blue ink, reading "Swapnil Darekar".

Swapnil Darekar
Centre Head

Date of Completion



Why LivetechINDIA?



BECAUSE OUR NUMBERS SPEAK FOR US !!!

- ✓ **Dedicated placement Executive**
- ✓ **Industry drive curriculum with real life example and projects**
- ✓ **Mini Batches \ Unlimited doubt solving session**
- ✓ **Unbelievably affordable fees**



ISO CERTIFIED

CONTACT US

Don't hesitate to ask everything about us!



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