

[An ISO 9001:2008 Certified Company]

GET TRAINED BECOME EXPERT AND GET PLACED

100% JOB ORIENTED ADVANCE EMBEDDED COURSES



Office No. 86-89, 5th floor, C-Wing Shreenath Plaza, Dyaneshwar Paduka Chowk, FC Road, Pune 411005

> Mobile: 8605006788 | Gmail: technoscriptspune@gmail.com

> > www.technoscripts.in

ABOUT US

TechnoScripts is an ISO 9001:2015 certified best training institute for advance courses in Embedded System. We are pioneer of Embedded System training in Pune development. Though we provide many different courses and training in embedded all aim at giving good practical knowledge to students as well help them in career

OUR FEATURES



STUDY MATERIAL



ISO 9001:2015 CERTIFIED



100% PLACEMENT SUPPORT



COURSE COMPLETION CERTIFICATE



INTERVIEW PREPERATION



LIVE PROJECTS



STATE OF THE ART LABS



LEARN ONLINE / CLASSROOM

OUR COURSES



COURSE SYLLABUS : FULL STACK PYTHON TRAINING

Module 1: Introduction to Full Stack Development

Understand the structure of a full stack application, the role of Python, and how frontend, backend, and databases interact in real-world development.

Module 2: Python Programming Basics

Learn the fundamentals of Python syntax, control structures, and functions to build simple command-line programs.

Module 3: Advanced Python Programming

Explore data structures, object-oriented programming, and modules to build scalable and reusable Python code.

Module 4: HTML Fundamentals

Build the foundation of a webpage using semantic HTML tags, forms, and media elements for structured content.

Module 5: CSS Fundamentals

Style web pages with CSS, using selectors, the box model, and layout techniques like Flexbox and Grid.

Module 6: JavaScript Basics

Add interactivity to web pages by learning JavaScript fundamentals and manipulating the DOM.

Module 7: Advanced JavaScript

Master asynchronous JavaScript, modern ES6 features, and work with APIs to fetch dynamic data.

Module 8: Front-End Frameworks - React Introduction

Get started with React by building component-based UIs and managing state with hooks.

Module 9: React Advanced Concepts

Implement routing, advanced hooks, and global state management with Context API and Redux.

Module 10: Back-End Development with Python

Understand how Python powers the server side, handles API requests, and connects to databases.

Module 11: Flask Framework Basics

Build lightweight back-end applications with Flask, including routing and rendering HTML templates.

Module 12: Flask Advanced Features

Enhance Flask apps with form handling, sessions, blueprints, and custom error management.

Module 13: Django Framework Basics

Learn Django's MVT structure, create apps, and leverage the built-in admin panel for data management.

Module 14: Django Advanced Features

Use Django ÓRM, manage user authentication, and build APIs with Django REST Framework.

Module 15: Database Fundamentals

Grasp the basics of relational databases, write SQL queries, and understand how to design normalized schemas.

Module 16: Integrating Databases with Python

Integrate SQL databases with Flask/Django using ORMs and perform full CRUD operations.

Module 17: NoSQL Databases – MongoDB

Work with document-based databases using MongoDB and integrate them into Python apps using PyMongo.

Module 18: API Development with Flask/Django

Develop secure and scalable REST APIs with proper endpoint structure and JSON data handling.

Module 19: Version Control with Git

Use Git and GitHub to manage code versions, collaborate with teams, and resolve merge conflicts.

Module 20: Testing in Web Development

Write and run tests for Python back-end and React front-end apps to ensure quality and reliability.

Module 21: Web Security Basics

Secure your applications from common vulnerabilities using best practices in Python and JavaScript.

Module 22: Performance Optimization

Improve app performance by optimizing queries, minimizing resources, and using caching techniques.

Module 23: Deployment to Cloud

Deploy Flask/Django applications to cloud platforms like Heroku and configure them for production.

Module 24: Containerization with Docker

Package your applications using Docker for consistent development and easy deployment across environments.

Module 25: CI/CD Pipelines

Automate code testing and deployment using CI/CD tools like GitHub Actions and Jenkins.

Module 26: Industry Applications

Build domain-specific features for e-commerce, social media, and content platforms through real-world use cases.

PLACEMENTS

We provide 100% placement support to every student enrolled for Job oriented courses. We invite top companies for campus interview at our centre as well arrange the interviews for students at company premises.

OUR ALUMNIES ARE PLACED AT





SCAN & GET A GLIMPSE. Our placed students.