



**ZUKUN**  
**THE FUTURE**

IT TRAINING INSTITUTE

**PYTHON FULL  
STACK  
DEVELOPMENT**



8925954490

info@zukunacademy.com

www.zukun.in

## Our Promises

### Monthly Guaranteed Interviews

Get interview opportunities every month until you're placed.



### Job Portal Optimization

Boost your profile visibility on top job portals



### LinkedIn Optimization

Improve your LinkedIn profile to attract recruiters.



### Monthly Mock Interviews

Practice with mock interviews after every major module.



### Weekly Tests

Track your progress with weekly skill assessments.



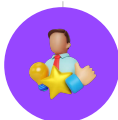
### Saturday Aptitude & Communication Classes

Sharpen your aptitude and speaking skills every Saturday.



### Sunday Industry Expert Sessions

Learn from professionals every Sunday.



### Complete Placement Support

We guide you from day one till you get placed.



## Training Module

### 1. STUDENT

Enquiry's about the course

### 2. CONSULTANT

Our expert consultants recommend courses based on the student's degree and career goals.



## ZUKUN EVALUATION & TRAINING MODULE



### 5. INTERVIEW SCHEDULING

After the student is fully prepared, we coordinate technical and HR interviews with leading companies. The process will start after the 1st month



### 3. TECHNOLOGY

We align the student's learning with the latest company job descriptions and industry demands.

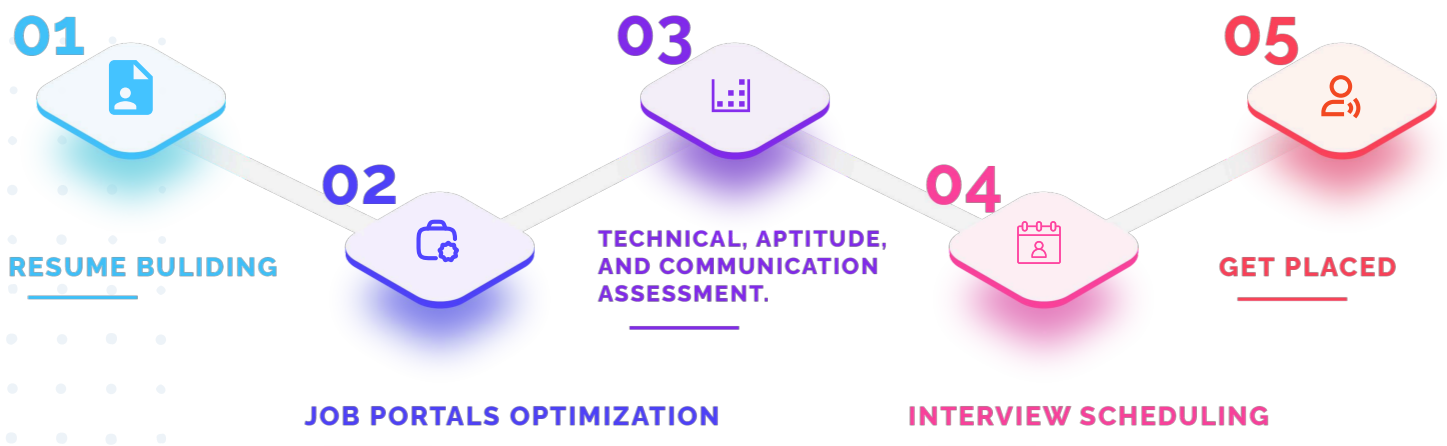


### 4. APITUDE & COMMUNICATION

Students are trained in essential soft skills, including aptitude, English communication, and presentation skills.



## Placement Module



At Zukun Academy, the journey doesn't end with learning—it begins with launching your career. Our Placement Module is designed to help students confidently step into the job market with the right skills and support. From building powerful resumes and practicing with mock interviews to understanding real-time job roles and company

expectations, we ensure you're job-ready from every angle. Students also work on live projects to build their portfolios, receive one-on-one career counselling, and gain direct access to placement drives through our network of hiring partners. We focus on more than just training, we're with you until you get placed.





## Front End

### Module 01: HTML

- Introduction to HTML
- Basic Structure of HTML
- HTML Editors
- HTML Tags Paragraphs, Headings
- Text Formatting Tags
- HTML Lists
- HTML Images
- HTML Tables
- HTML Forms
- HTML Media

### Module 02: CSS

- Introduction to CSS
- Types of CSS
- CSS Properties
- Selectors and Values
- Applying CSS to HTML
- CSS colors
- CSS Box Model, Margins, Padding, Borders
- CSS Text & Font Formats
- CSS Advanced Topics

### Module 03: JavaScript

- Introduction to JavaScript
- How to Apply JavaScript
- Displaying Output in JavaScript
- Understanding JavaScript Syntax
- Variables & Data types Operators
- Math and String Manipulations
- Conditional and looping Statements



- Functions
- Validations
- Events

## Module 04: JQuery

- Introduction to jQuery
- jQuery Features
- jQuery Syntax
- jQuery Selectors
- jQuery Libraries
- jQuery Validation
- jQuery Slideshow
- JQuery Dropdown
- jQuery UI
- jQuery Accordions
- jQuery Tabs

## Module 05: Bootstrap

- Introduction to Bootstrap
- Bootstrap Setup
- Bootstrap Containers
- Bootstrap Grids
- Bootstrap Tables
- Bootstrap Buttons, Navbars, Alerts
- Bootstrap Carousel
- Bootstrap Forms

## Module 06: Angular JS

- Introduction to Angular
- Environment Setup
- Installing Angular CLI
- Directory Structure of Angular
- Angular Fundamentals
- Angular Building Blocks
- Angular Data Binding



- String Interpolation
- Directives and Pipes
- Forms
- Routing

## Module 07: React JS

- Introduction to React & JSX
- React Components
- JSX
- Flux
- Event Handling In React
- Creating a Dynamic UI in React
- Integration with Other Libraries
- React Server Integration & Deployment

## Module 08: BACKEND - Python Introduction

- What is Python
- features of Python
- Install Python and Environment Setup
- First Python Program
- Python Identifiers, Keywords and Indentation.
- Comments and document Command-line arguments
- Getting User Input
- Python Data Types
- What are variables?
- Python Core objects and Functions

## Module 09: Control Statements

- If-Else Statement
- While Loop
- For Loop
- Break
- Continue



- Assert
- Pass
- Return

## Module 10: List, Ranges and Tuples in PYTHON

- Introduction Lists in Python
- More about Lists
- Understanding Iterator's
- Generators, Comprehensions and Lambda
- Expressions
- Generators and Yield
- Next and Ranges
- Understanding and using Ranges
- More About Ranges
- Ordered Sets with tuples

## Module 11: Python Dictionaries and Sets

- Introduction to the section
- Python Dictionaries
- More On Dictionaries
- Sets
- Python Sets Examples
- Input and Output in Python
- Reading and writing text files
- Appending to Files and Challenges
- Writing Binary Files Manually
- Using Pickle to Write Binary Files

## Module 12: Python Built-In Functions

- Python user defined functions
- Python packages functions.
- Defining and calling functions
- The anonymous functions
- Loops and statements in Python
- Python Modules & Packages





## Module 13: Python Object Oriented

- Overview of OOP
- Constructor
- Types of variables
- Name spaces
- Creating classes and objects
- Inheritance
- Types of methods
- Instance methods
- Static methods
- Class methods
- Abstract classes and interfaces
- Abstract methods and abstract class
- Interface in python
- Abstract classes and interfaces

## Module 14:Exception

- Errors in Python
- Compile-Time Errors
- Runtime Errors
- Logical Errors
- What is Exception?
- Handling an exception
- Argument of an Exception
- Python Standard Exceptions
- Raising an exceptions
- User-Defined Exceptions

## Module 15: Python Regular Expressions

- What are regular expressions?
- The math Function
- The Search Function
- Matching vs searching
- Search and Replace
- Extended Regular Expressions



## Module 16: Python Multithreaded Programming

- What is multi threading
- Thread Synchronization Locks & Semaphore
- Deadlock of Threads
- Avoiding Deadlocks Daemon Threads Using Databases in Python
- Python MySQL Database
- Access Install the MySQL db
- Other Packages
- Create Database
- Connection CREATE, INSERT, READ Operation
- DML and DDL Operation with Databases
- Data Visualization Section Matplotlib Pandas

## Module 17: Django Web Framework in Python

- Django overview
- Creating a project
- Apps life cycle
- Admin interface
- Creating views
- URL Mapping
- Template system
- Models
- Form details
- Testing
- Page redirection
- Sending Emails
- Deploying Django framework
- Form processing
- File uploading
- Cookie handling
- Sessions, caching and comments
- Sending Emails
- Github , Big bucket



## Module 18: Database

- Database handling with Mysql
- Python mysql database access
- Create database connection
- DML and DDL operations with databases
- Performing transactions
- Handling database errors
- Disconnecting database



+91 8925954490



www.zukun.in



zukun.in



**ZUKUN**  
THE FUTURE

## Contact us

 +91 8925954490

 [www.zukun.in](http://www.zukun.in)

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

## Follow us on



## Location

No.20/7, Janaki  
Complex, 3 rd Floor,  
Sardar Patel Rd,  
Nethaji Colony,  
Kasturba Nagar, Adyar,  
Chennai - 600020

# Thank you

Ready to start your **tech career**?

Join our hands-on courses, get mentored by experts, and  
step into the **IT industry** with confidence.