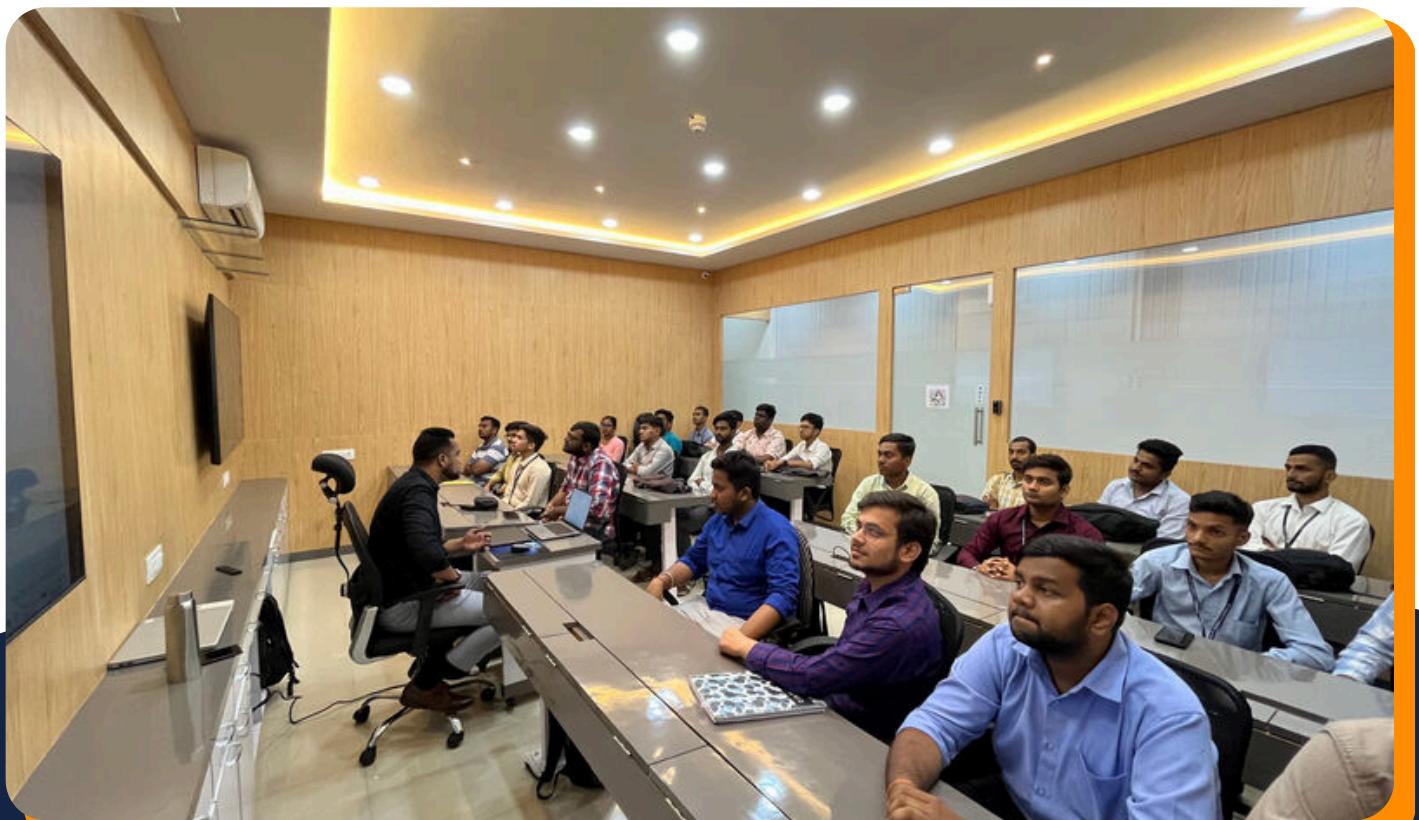




Cinute Digital Pvt. Ltd.
A Premier EdTech Company

LEADERS IN PROFESSIONAL TRAINING PROGRAMS



MASTER PROGRAM IN

Python Programming

Duration
30 Hours



**#1 MUMBAI's PREMIUM
TRAINING INSTITUTE**

+91 788-83-83-788
+91 806-27-85-870
+91 84-889-889-84

www.cinutedigital.com



Cinute Digital Pvt. Ltd.

A Premier EdTech Company

About Us

Cinute Digital Pvt. Ltd. (CDPL) is a Premier EdTech Company, bridging the gap between academic learning and industry demands. Our hands-on training programs in Software Testing, Data Science & AI, Machine Learning, and Business Intelligence equip graduates and professionals with job-ready skills.

Our Mission

To provide experiential, high-quality IT training that empowers individuals with in-demand skills, making them employable and future-ready.



Our Vision

To be the leading IT training institute, equipping learners with cutting-edge skills for career success, and bridging the gap between academic learning and industry.





CDPL ADVANTAGES



80:20 APPROACH

80 practical and 20 Theory model
for Industry rich Experience



REAL-TIME PROJECTS

Gain hands-on experience with real-world projects and case studies



1:1 DOUBT SOLVING

The 1:1 Doubt solving ensures
every silly doubt is resolved



EXPERT INSTRUCTORS

Learn from seasoned data analysts
and Industry veterans.



GLOBAL CERTIFICATION

Get International recognized
Certificates from AAA



CAREER SUPPORT

Receive Resume-building and
interview preparation.



100 % JOB ASSISTANCE

Stay ahead with industry-relevant
training.



14+ YEARS OF EXPERTISE

Stay ahead with industry-relevant
training.

At Cinute Digital, we prepare you to deliver this transformative value. Our curriculum bridges theoretical knowledge with practical expertise, ensuring you stand out as a proficient Data Science in any industry.



+91 788-83-83-788 | +91 84-889-889-84 | +91 806-27-85-870

www.cinutedigital.com



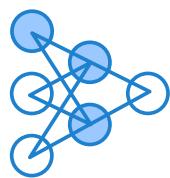
Advanced Python Programming: Overview

This course provides a comprehensive foundation in Python programming, equipping students with the skills to develop, debug, and deploy applications across various domains. Designed for learners from both technical and non-technical backgrounds, it prepares students for careers in software development, data analysis, and automation through

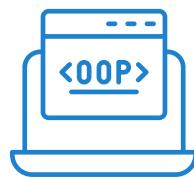
Python Process Model



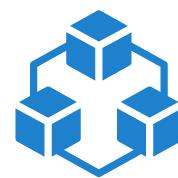
Fundamentals and
Syntax



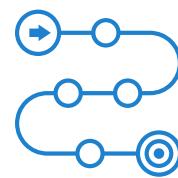
Data Structures
and Algorithms



Object-Oriented
Programming
(OOP)



File Handling and
Modules



Project
Development

What you'll be learning

This course provides a comprehensive introduction to programming using the Python language. Designed for beginners and those with some programming experience, the course covers both foundational and advanced Python concepts through hands-on practice and real-world examples. By the end of the course, students will be able to develop, debug, and execute Python applications with confidence. Emphasis is placed on writing clean, efficient code and understanding how Python is used in software development, automation, and data analysis.





Who is this course for



Ideal for beginners and intermediate learners



Suitable for students and hobbyists



Designed for professionals in tech, finance, healthcare, education, or gaming

```
'resource_id' => $resource_details['id'],
);
if ( $this->rule_exists( $resource_details['id'], $role_details['id'] ) {
    if ( $access == false ) {
        // Remove the rule as there is currently no need for it
        $details['access'] = !$access;
        $this->sql->delete( 'acl_rules', $details );
    } else {
        // Update the rule with the new access value
        $this->sql->update( 'acl_rules', array( 'access' => $access ) );
    }
}
foreach( $this->rules as $key=>$rule ) {
    if ( $details['role_id'] == $rule['role_id'] && $details['id'] == $rule['resource_id'] ) {
        if ( $access == false ) {
            unset( $this->rules[ $key ] );
        } else {
            $this->rules[ $key ]['access'] = $access;
        }
    }
}
```

Perfect for those transitioning to coding or data roles

What You'll Take On

You'll leverage Python to design, code, and test applications that tackle real-world challenges. Dive into writing efficient scripts, implementing robust data structures, applying object-oriented programming principles, managing file operations, and building scalable projects. Your expertise will deliver innovative, reliable solutions that drive impact across diverse industries.





Why Should You Invest in the Course?

25%

Market growth
from 2020 to 2030

101,000+

Job Vacancies
in India

4 LPA

Python Developer
freshers' Average Aalary

75%

Job Satisfaction

32%

India's share in the
global market



Top Companies Hiring Python Developer



J.P.Morgan



and many more....

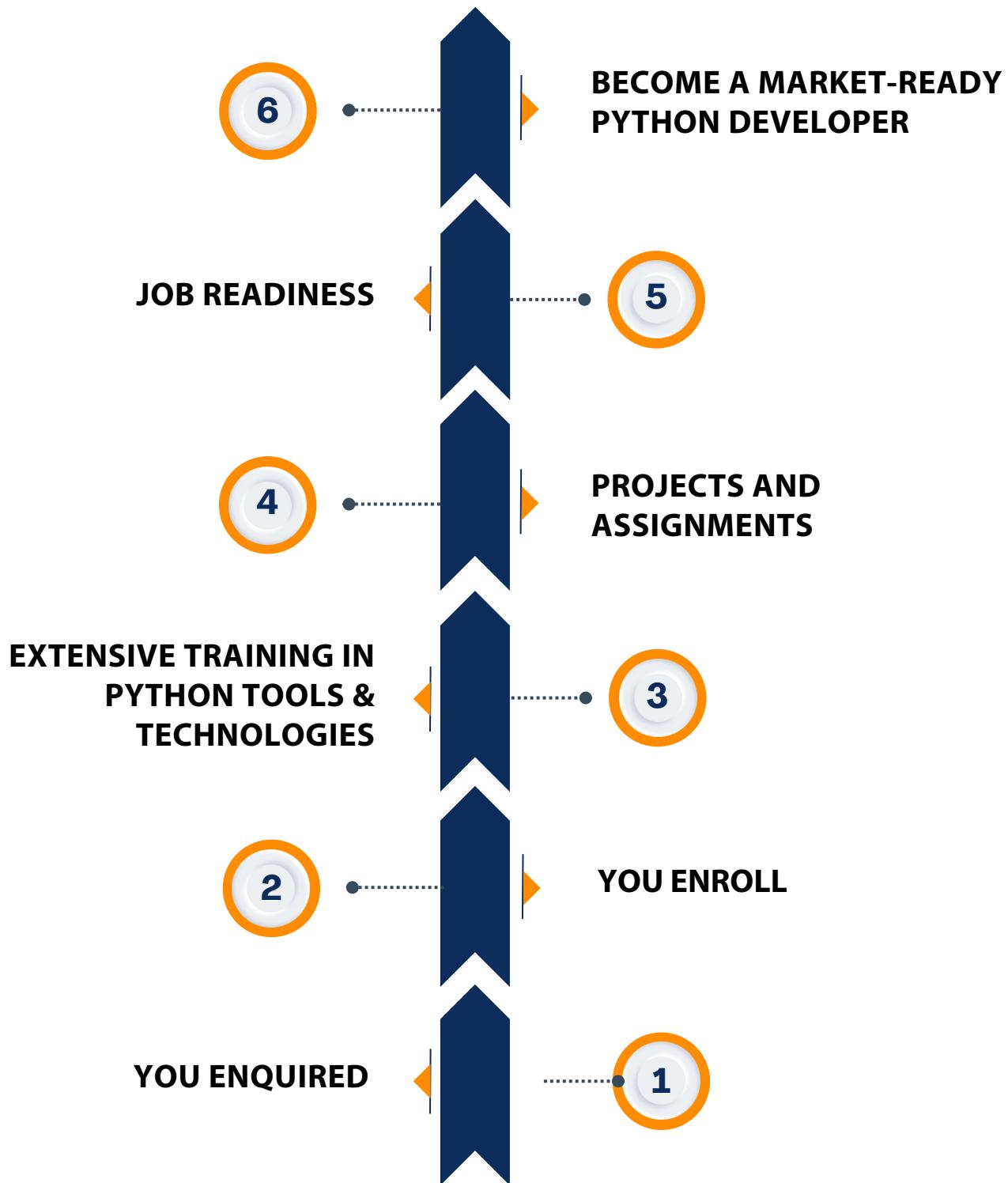


+91 788-83-83-788 | +91 84-889-889-84 | +91 806-27-85-870

www.cinutedigital.com



Learning Path





Know Your Future As Advance Python Developer

Job Roles You Can Apply For

Data Scientist

**Machine Learning
Engineer**

Data Analyst

**Python
Developer**

**Software
Engineer**

**Automation
Engineer**

Web Developer

Systems Analyst

**DevOps
Engineer**

**Quality Assurance
Engineer**





Cinute Digital Pvt. Ltd. In Action





Mode of Learning



CLASSROOM

+

ONLINE

CDPL has a Hybrid (**CLASSROOM + ONLINE**) training pattern where students have the opportunities to attend the sessions in **classroom** as well as **online**. CDPL trainers conduct the training sessions live from CDPL classrooms. All CDPL sessions are live streamed for students from that batch, also the learners are provided with the live recording sessions, thus enabling students to attend the same sessions online and interact with the trainer as well as other students.





All our certificates are validated with a unique authorization QR code.





Our Certification

We will be issuing a certificate from **Cinute Digital** with a unique QR code to validate from our portal. This certificate will be issued once completed with all assessment and mock interview processes.

Python Programming





Cinute Digital Pvt. Ltd. Working With Top Global Companies

 TECHCRYPTORS	 Axiom Technologies LLP
 MediVenturz	 ARYAN TECHNOLOGIES
 LENDING TECH SOLUTIONS	 IDfy
 Tech Mahindra	 Galentic
 Interactive Brokers	 Techno Scripts <small>(An ISO 9001:2015 Certified Company)</small>
 testriq®	 VISTAAR ENVISION THE POSSIBILITIES
 JM FINANCIAL 50 YEARS	 marqetrix web solutions
 SP ULTRAFLEX <small>systems pvt limited</small> Make OUR EXPERIENCE work to YOUR ADVANTAGE	 raw engineering™
 accenture	 TransUnion tu CIBIL





Tools & Technologies You Will Learn



 python
virtualenv



PyCharm



jupyter





Course Curriculum

Python Programming

Module 1: Introduction To Python

1. Python History

- What is Python?
- History of Python
- Why use Python?
- Installing Jupyter notebooks
- Running Python code in Jupyter notebooks
- Basic commands in Jupyter

Module 2: Basics of Python

1. Python Basics

- Variables in Python
- Variables Naming Rules
- Data types
- Converting data types
- Operators in Python
- Input and Print Functions
- Basic String Manipulation

Module 3: Conditional Statements

1. Conditional Statements

- If statement
- Else and Elif clauses
- Nested conditionals
- Using logical operators in conditions
- Examples of real-world scenarios using conditionals





Course Curriculum

Module 4: Lists

1. Lists in Python

- What are lists?
 - Creating lists
 - Accessing elements (indexing, slicing)
 - Modifying lists (append, extend, insert, remove, pop, del)
 - List methods (sort, reverse, count, index)
 - Examples of using Lists
-

Module 5: Tuples

1. Tuples in Python

- What are tuples?
 - Creating tuples
 - Accessing elements (indexing, slicing)
 - Tuple properties (immutability)
 - Unpacking tuples
 - Examples of using Tuples
-

Module 6: Sets

1. Sets in Python

- What are sets?
 - Creating sets
 - Set operations (union, intersection, difference, symmetric difference)
 - Adding and removing elements
 - Checking membership
 - Examples of using Sets
-





Course Curriculum

Module 7: Dictionaries

1. dictionaries in Python

- What are dictionaries?
 - Creating dictionaries
 - Accessing values (using keys, get() method)
 - Modifying dictionaries (adding, updating, removing key-value pairs)
 - Dictionary methods (keys(), values(), items(), etc.)
 - Examples of using Dictionaries
-

Module 8: Loops

1. Loops

- For loops
 - While loops
 - Break, continue, and pass statements
 - Using loops with conditionals
 - Examples of loop usage
-

Module 9: Functions and Recursions

1. Functions in Python

- Defining functions In Python
 - Syntax (def keyword, parameters, return statement)
 - Function calls and arguments (positional, keyword, default)
 - Scope of variables (local, global)
 - Recursive functions in Python
 - Base case and recursive case
 - Exception handling (Built-in, Custom)
-





Course Curriculum

Module 10: File I/O

1. Files I/O

- Opening and closing files
- Reading from files
- Writing to files
- Handling file-related exceptions
- Working with file paths
- Examples of file operations

Module 11: Object-Oriented Programming (OOPs)

1. OOPs Concepts in Python

- Classes and objects in Python
- Defining classes and Creating objects
- Attributes and methods
- Instance variables and methods
- Class variables and methods
- Inheritance (Single and Multiple)
- Polymorphism
- Method overriding
- Encapsulation
- Private and protected members
- Property decorators
- Examples of OOP concepts

Module 12: Libraries

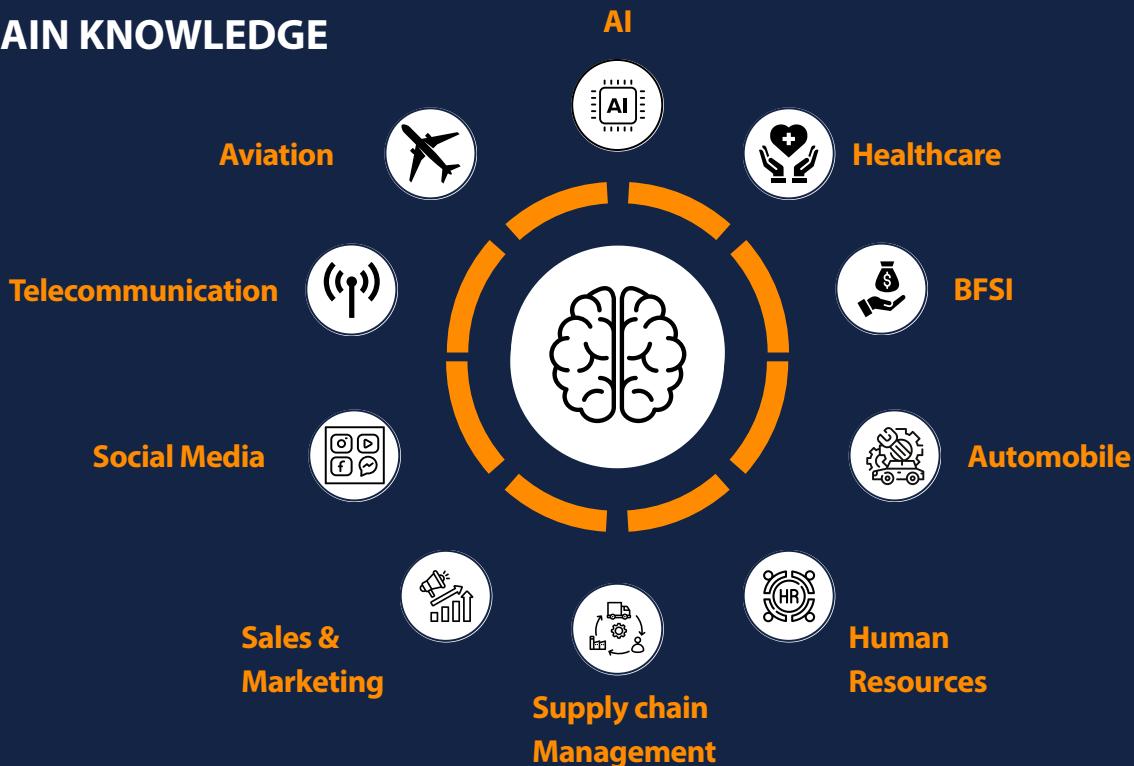
- Introduction to standard library modules
- Importing modules
- Creating custom modules
- Packages in Python
- Examples of using standard and custom modules





Real-Time Projects

DOMAIN KNOWLEDGE



1 Domain: Technology

User Authentication System for a Tech Startup

This project involves developing a user authentication system for a tech startup's application, including login, registration, and password recovery features. The goal is to create a secure and scalable solution using Python, enhancing user experience and data protection.

Skills: Python, OOP, File Handling, Domain Knowledge (Technology)

2 Domain: Education

Grade Management System for a School

This project focuses on building a grade management system for a school, allowing teachers to input, calculate, and visualize student grades. The objective is to automate grading processes and generate reports using Python to improve educational efficiency.

Skills: Python, Data Structures, Modules, Domain Knowledge (Education)





Cinute Digital Pvt. Ltd. Our Trainers



SHOEB SHAIKH

HEAD - LEARNING & DEVELOPMENT
SR. TEST AUTOMATION ENGINEER

Shoeb Shaikh is a seasoned Software Testing and Data Science expert and a mentor with over 13 years of experience in the field.



VAIBHAV KAKADE

QUALITY ANALYSIS ENGINEER

Experienced Software Test Engineer with proficient knowledge in Manual Testing, Defect Tracking/Reporting, DBMS and API Testing.



REHMAT SHAIKH

DATA SCIENCE TRAINER

Rehmat Shaikh is a skilled Data Science Trainer with 3+ years of experience, mentoring learners in Python, Machine Learning, and tools like Power BI, Tableau, SQL, and Pandas.



Cezzane Khan

AI & DATA SCIENCE ENGINEER

Cezzane is an experienced Data Science Trainer with over three years of expertise, guiding students in AI, Machine Learning, DL and utilizing tools such as Power BI, SQL and Libraries.





Cinute Digital Pvt. Ltd. Student Testimonial

Arun Venu Panickar



It is a great institute to learn software testing. and our mentor Shoeb Sir is a great person, he helps you to understand concepts in a simple manner. Thank you.



Faiz Khan



Everything about this course is great! From the comprehensive content to the engaging delivery, it's been an enlightening journey.



Kishore Jha



This course is designed in an efficient and effective manner. The instructor is excellent and under his guidance I was able to learn a lot of new things.



Krutika Penkar



I completed manual testing certification course from Cinute Digital. The course is well organized. Thank you Cinute.



Ragini Kumari



Best training institute for learning. It has the best skilled faculty in my experience and they have placed me in a good company.



Dakshali Merya



The instructor is highly skilled and the concepts are well comprehended.



Some Of Our Reviews

Justdial

4.8 ★★★★★

Sulekha

5.0 ★★★★★

Google

4.8 ★★★★★



+91 788-83-83-788 | +91 84-889-889-84 | +91 806-27-85-870

www.cinutedigital.com



About the Placement Team

At Cinute Digital Pvt. Ltd., our Placement Team transforms your skills into career success. Comprised of industry experts and career coaches, we craft personalized strategies to build standout portfolios, optimize resumes and profiles, and connect you with top employers, including Test Leads and Test Managers. Our tailored interview prep and industry insights ensure you secure your dream role. Trust us to guide your journey to professional success.

About the Placement-Head



At **Cinute Digital Pvt. Ltd.**, we have "**Ashish Shetty**" as our Placement Head, a dynamic leader transforming dreams into thriving careers. With unparalleled expertise and an unwavering commitment to placement excellence, He is the cornerstone of our mission to shape your professional future and propel you into the heart of the competitive tech industry.

He drives our placement strategy by crafting standout portfolios, optimizing resumes and profiles on platforms like Naukri, Indeed, Foundit, and LinkedIn, and building a robust professional network. By connecting you with working professionals, Test Leads, and Test Managers, he opens doors to mentorship and insider opportunities. His expert interview preparation equips you to crack the toughest interviews and secure your dream job. Under Ashish Shetty's visionary leadership at Cinute Digital Pvt. Ltd., you're not just prepared—you're unstoppable.





Cinute Digital Pvt. Ltd. Placement Program



Craft a Winning Portfolio:

Build a standout portfolio and network to showcase your skills and projects.



Polish Your Resume:

Our experts will update your resume with the latest skills and projects.



LinkedIn Profile Optimization

Boost your professional LinkedIn profile by adding your certifications on LinkedIn.



Expand Your Reach:

Update your profiles on job portals like Naukri, Indeed, and Foundit.



Interview Preparatory Sessions From Day 1

We provide intensive interview preparation right from Day 1 to prepare candidates for interviews.



Ace Your Interviews:

Industry experts will conduct a SWOT analysis and give feedback on your interview performance, focusing on areas for improvement.



Launch Your Career Journey:

Get our support to secure your ideal role and kickstart your professional path.





Placement Drives at Cinute Digital Pvt. Campus





Our Students Who Have Cracked Their Dream Career In

Tech Mahindra
Dakshali Merya

accenture
Sheetal Singh

eClerx
Shrikanth Suri

JM FINANCIAL
Kartik Bomble

K
Bhagyesh Mahadik

testriq
Latesh Kamble

testriq
Tejal More

i-XL Technologies
Rajvardhan Desai

ALIF MANAGEMENT SERVICES PVT LTD
Arun Panicker

ARYAN TECHNOLOGIES
Bhakti Raigawali

Tech Mahindra
Satya Dutt

testriq
Mohsin Patel

raw engineering
Kishore Jha

TECHCRYPTORS
Krutika Penkar

MAXWELL
Insha Dosani

IDfy
Jaynam Shah

VISTAAR
Akash Yadav

Tech Mahindra
Preksha Mehta

testriq
Shreyash Pakhare

Rendered IDEAS
Navin Joshi

Reeble
Rucha Pawar

CODEX Lancers
Abdul Mateen

Axiom IT Technologies LLP
Muthukumaran Iyer

PUNON Technologies Private Limited
Aaditya Bobade

Tech Mahindra
Sunil Pillai

testriq
Ashwini Badgujar

Rendered IDEAS
Faiz Khan

XR
Shrey Gupta

And many more<





Cinute Digital Pvt. Ltd.
A Premier EdTech
Company

FOR ANY QUERIES, PLEASE CONTACT US



Address

Head Office (CDPL)

Office: 1, 2 & 3, 2nd Floor, Ashley Towers, Kanakia Rd, Vagad Nagar,
Beverly Park, Mira Road East, Mira Bhayandar, Maharashtra 401107

Study Center **MeghMehul Classes (Vasai)**

SHOP NO 7, Laxmi palace, opposite Vidhyavardhini Degree Engineering
College, Gurunanak Nagar, Vasai West, Maharashtra 401202



Web Address

www.cinutedigital.com



Mail

contact@cinutedigital.com



Call

+91 788-83-83-788 | +91 84-889-889-84 | +91 806-27-85-870