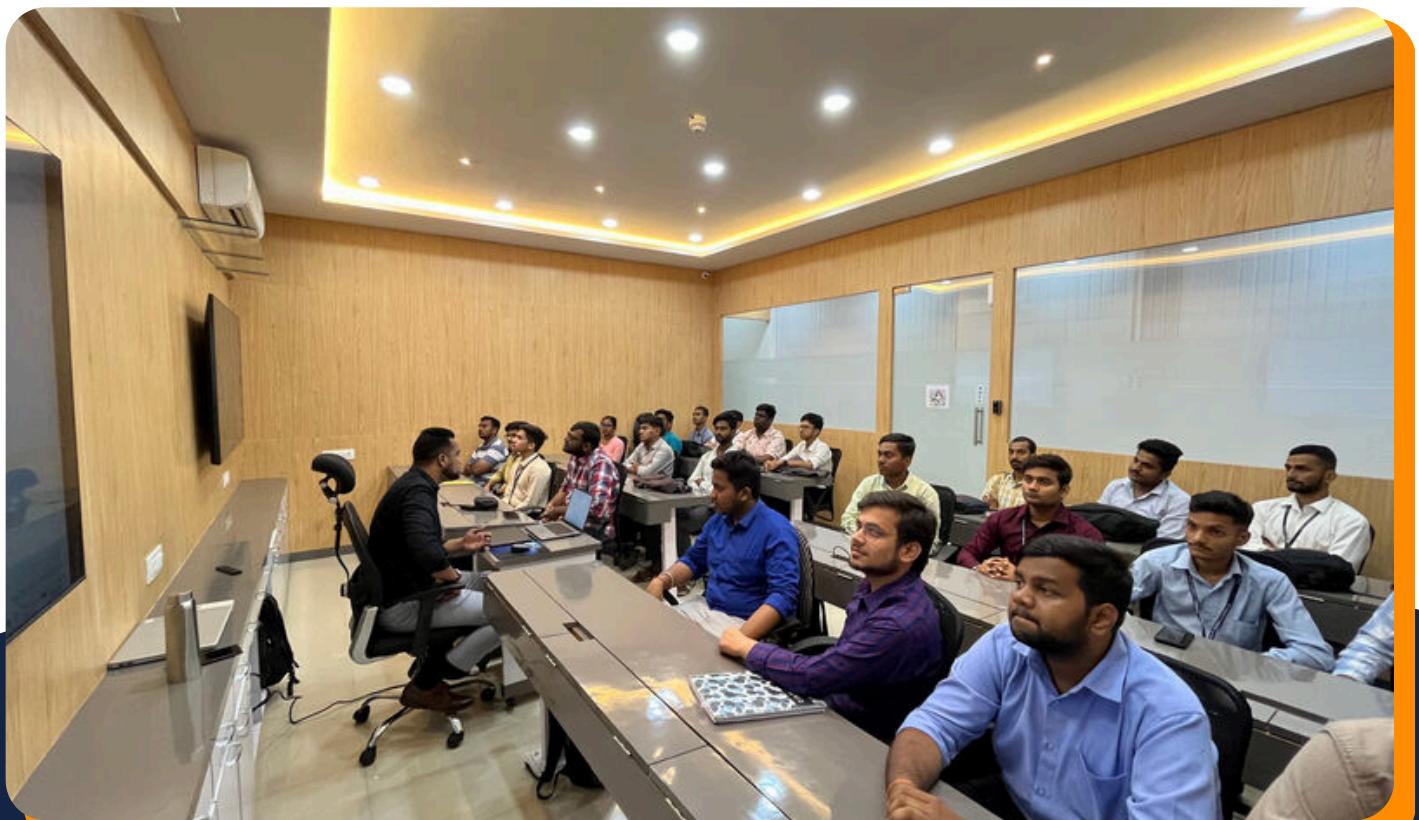




Cinute Digital Pvt. Ltd.
A Premier EdTech Company

LEADERS IN PROFESSIONAL TRAINING PROGRAMS



MASTER PROGRAM IN **Deep Learning, NLP and GenerativeAI**

Duration
55 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



Deep Learning, NLP and GenerativeAI

A Complete Overview

This course offers an advanced exploration of deep learning, natural language processing (NLP), and generative AI using Python, equipping students with the skills to design, train, and deploy cutting-edge models. Designed for learners with prior programming and machine learning experience, it prepares students for careers in artificial intelligence, data science, and innovative technology development through hands-on projects and real-world applications.

Deep Learning Process Model



Foundations of
Deep Learning



Data Preparation
for AI



Model
Development



Model Optimization
and Evaluation



Deployment and
Creative Applications

What you'll be learning

This course provides a comprehensive introduction to deep learning, natural language processing (NLP), and generative AI using the Python language. Designed for learners with prior programming and ML experience, the course covers both foundational and advanced concepts through hands-on practice and real-world examples. By the end of the course, students will be able to design, train, and deploy sophisticated AI models with confidence. Emphasis is placed on understanding neural network architectures, NLP techniques, and generative methods, applying them to solve complex problems in innovative settings.





Who is this course for



Suitable for advanced users specializing in deep learning, NLP, or generative AI



Perfect for developers, researchers, and innovators mastering advanced AI with Python



Designed for professionals in technology, entertainment, healthcare, finance, or education



Suited for those transitioning to AI or research roles

What You'll Take On

You'll build and deploy advanced deep learning, NLP, and generative AI models using Python to solve cutting-edge challenges. Dive into data preprocessing, develop innovative models, optimize performance, evaluate outcomes, and deploy creative AI applications. Your expertise will fuel intelligent systems that drive innovation 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

AI Engineer
freshers' average salary

75%

Job Satisfaction

32%

India's share in the
global market



Top Companies Hiring AI Engineer



J.P.Morgan



and many more....

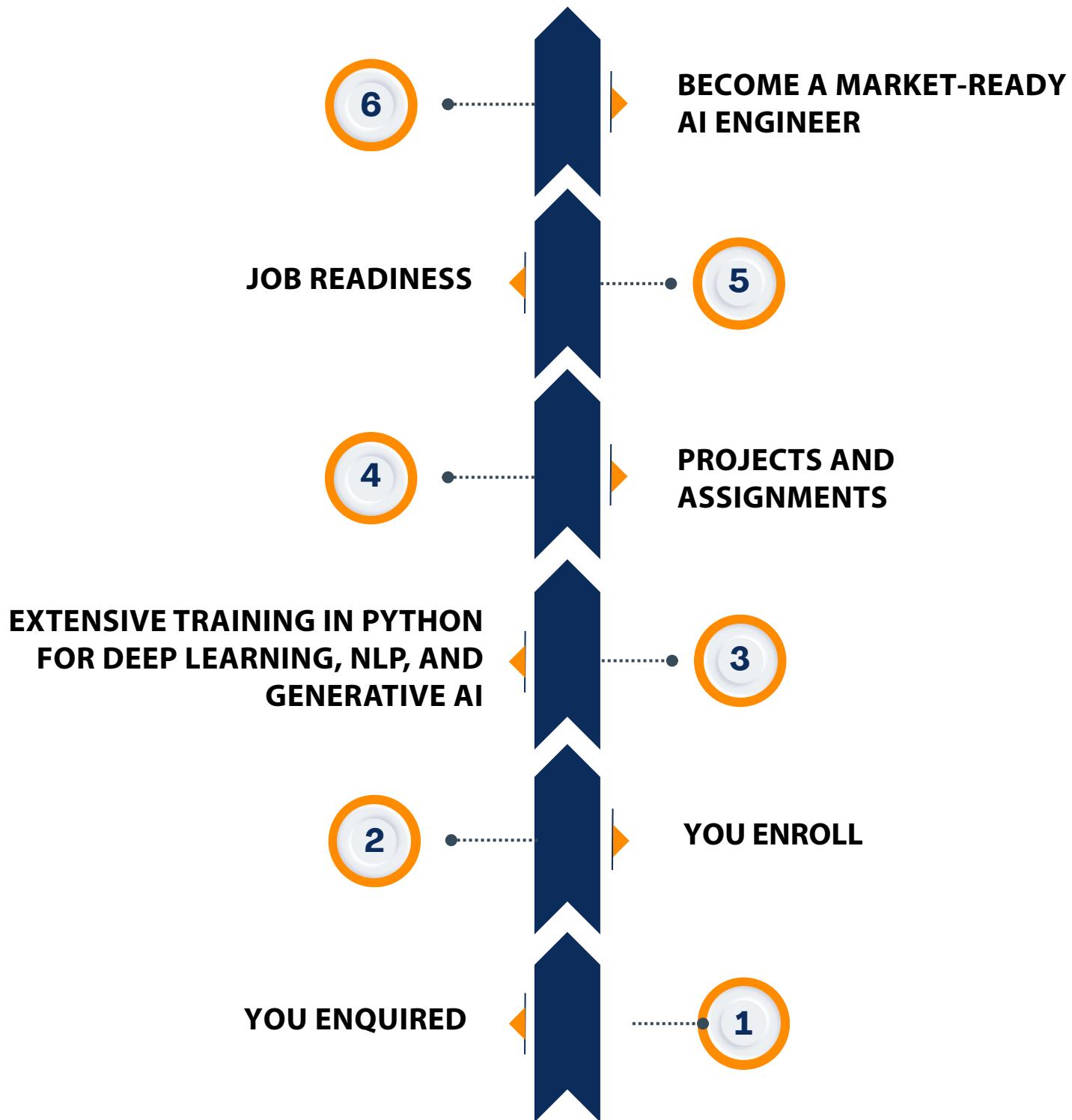


+91 788-83-83-788 | +91 84-889-889-84 | +91 806-27-85-870

www.cinutedigital.com



Learning Path





Know Your Future As Advance AI Engineer

Job Roles You Can Apply For

**Deep Learning
Specialist**

NLP Engineer

Data Analyst

**Generative AI
Developer**

Research Analyst

**Research
Scientist**

**Machine Learning
Engineer**

**Computer Vision
Engineer**

**Natural Language
Processing Scientist**

**AI Product
Manager**





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.

Deep Learning, NLP and GenerativeAI





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 <small>ENVISION THE POSSIBILITIES</small>
 JM FINANCIAL 50 YEARS	 marqetrix <small>web solutions</small>
 SP ULTRAFLEX <small>systems pvt limited</small> Make <small>OUR EXPERIENCE</small> work to <small>YOUR ADVANTAGE</small>	 raw engineering™
 accenture	 TransUnion tu CIBIL





Tools & Technologies You Will Learn



TensorFlow





Course Curriculum

Deep Learning, NLP & Generative AI

Deep Learning

1. Deep Learning introduction

2. Deep Learning concepts

- Convolutional Neural Network (CNN)
- Artificial Neural Network (ANN)

3. Deep Learning concepts for generative AI

- Recurrent Neural Network(RNN)
- Long Short Term Memory(LSTM)
- Auto encoders

GenerativeAI

1. Generative Learning

- Generative Learning foundation models
- fine tuning (transfer Learning)

2. Generative Learning Technical concepts

- Generative Adversarial Networks (GAN's)
- Variational Auto-encoders(VAE)
- Transformer

3. Prompt Engineering

- ICOC
- ZERO shot, ONE shot and Few Shot prompting PlayHT

4. Large Image Model (LIM)

- Stable diffusion
- Leonardo.ai
- Adobe firefly

5. Video and speech tools

- veed.io
- PlayHT

6. Large Language Models(LLM)

- Bing
- Bard
- ChatGPT





Course Curriculum

NLP

1. NLP fundamentals

- Introduction to Natural Language Processing
- Scope and real-world applications of NLP

2. Basic Text Processing with NLTK

- Tokenization
- Stop word removal
- Stemming and Lemmatization
- NLTK's POS tagging capabilities

3. SpaCy Overview

- SpaCy's NER capabilities
- Understanding syntactic relationships
- Analyzing sentence structure with spaCy

4. Tensor Flow

- Tensors
- NLP with TensorFlow Project

Image Processing

1. Fundamentals of Image Processing

- Image Processing Basics

2. Object character detection

- What is OCR

3. Libraries used for OCR

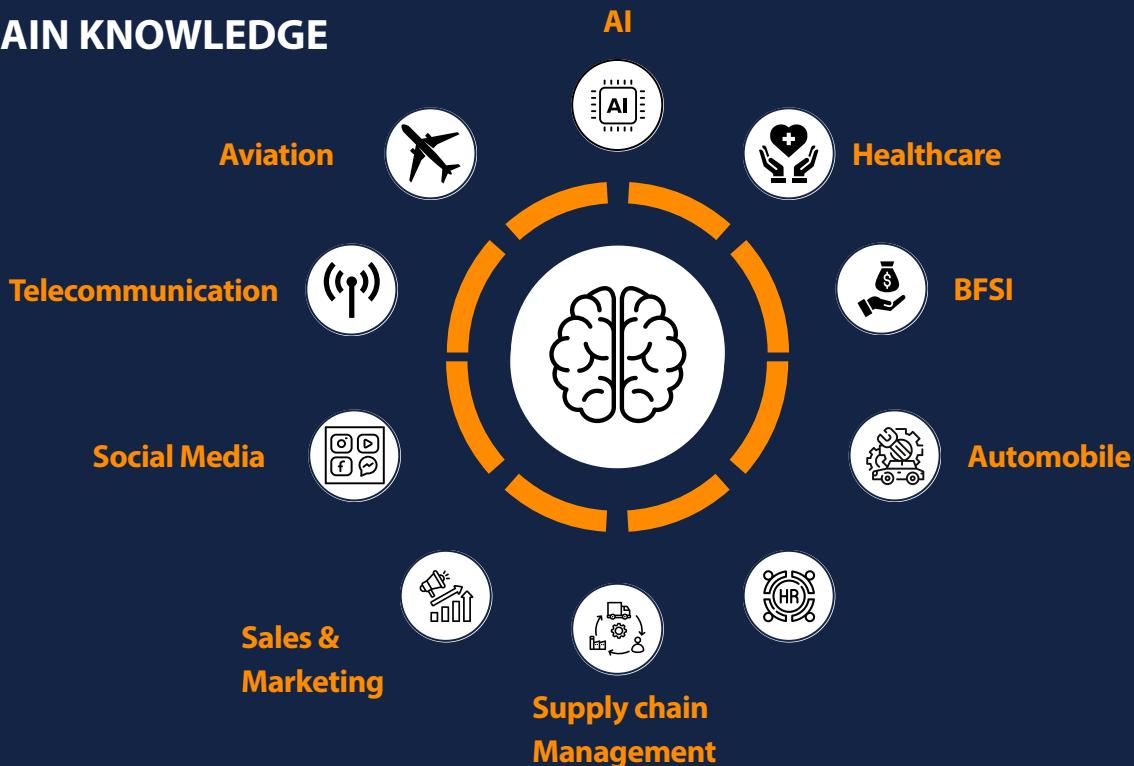
- Pytesseract
- PyOCR





Real-Time Projects

DOMAIN KNOWLEDGE



1

Domain: Entertainment

NETFLIX

AI-Generated Script for a Streaming Platform

This project involves developing a generative AI model to create movie scripts or dialogue based on user preferences for a streaming platform. The goal is to enhance content creation using deep learning and NLP techniques with Python.

Skills: Python, TensorFlow, NLP, Domain Knowledge (Entertainment)

2

Domain: Healthcare



Medical Image Analysis for Diagnostics

This project focuses on building a deep learning model to analyze medical images (e.g., X-rays, MRIs) for diagnostic purposes in a healthcare setting. The objective is to improve accuracy in disease detection using Python-based AI.

Skills: Python, PyTorch, Deep Learning, Domain Knowledge (Healthcare)





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