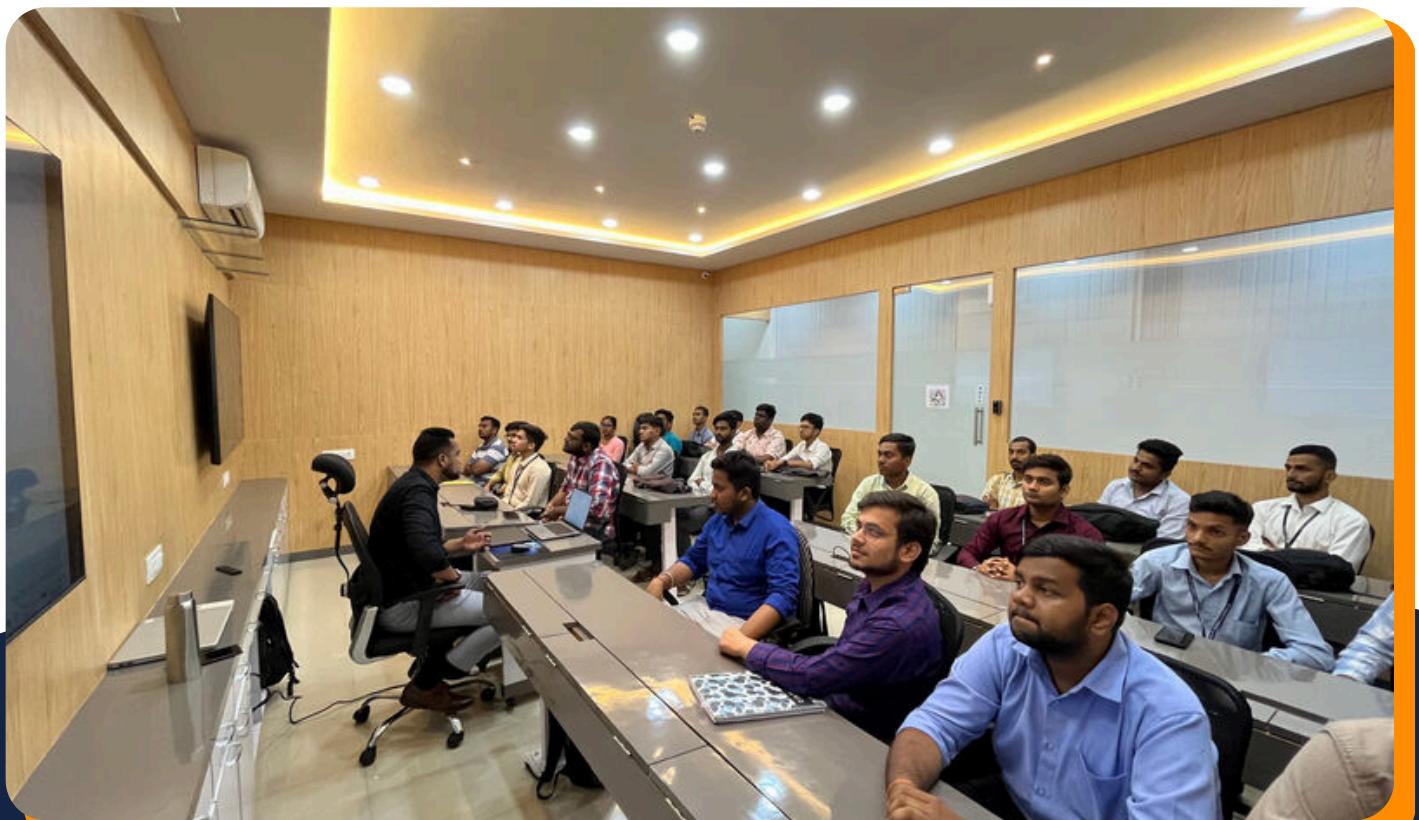


LEADERS IN PROFESSIONAL TRAINING PROGRAMS

Duration
30 Hours

MASTER PROGRAM IN
Database Management
System using MySQL



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

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+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.





DBMS with MySQL A Complete Overview

This course provides a comprehensive introduction to Database Management Systems (DBMS), focusing on the fundamental concepts, design, implementation, and management of databases. It is designed for students seeking to understand how data is stored, organized, retrieved, and managed in modern information systems.

DBMS with MySQL Process Model



Data
Definition
Language



Data
Manipulation
Language



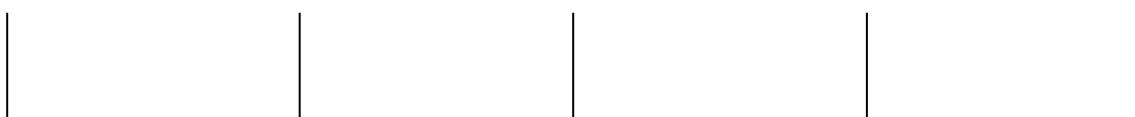
Data
Control
Language



Transaction
Control
Language



Topology
Query
Language



DBMS with MySQL

Why DBMS with MySQL Drives Modern Success

This course provides a comprehensive introduction to the fundamental concepts of Database Management Systems (DBMS). It covers the principles of database design, development, and administration, with a focus on relational database models. The course also explores advanced topics such as transaction management, concurrency control, database security, and indexing for performance optimization.





Who is this course for



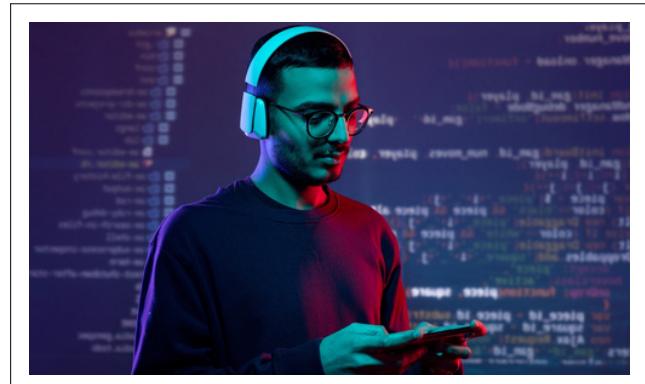
Anyone from non IT background who wants to build a career in IT



Anyone who is stuck in some non technical job with no scope or growth



Anyone who wants to start as a fresher in IT industry, Students from BSc and Engineering background



You are already a tester but not familiar with the basics and fundamentals

What you'll be doing

You'll be trained on all the relevant topics and concepts in Software Testing and immediately after you'll apply all the knowledge practically on real time projects using appropriate tools. All the tasks and activities are managed and monitored by working testers who are constantly in touch with the industry demands giving you a slight edge over normal teachers. During the course we'll be emphasizing more on the practical aspect rather than theoretical.





Why Should You Invest in the Course?

25%

Market growth
from 2020 to 2030

101,000+

Job Vacancies
in India

4 LPA

Database Experts
freshers' average salary

75%

Job Satisfaction

32%

India's share in the
global market



Top companies hiring Database Experts



J.P.Morgan



and many more....



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Know Your Future As Advanced Database Expert

Job Roles You Can Apply For

Database Administrator

Database Performance Analyst

Database Developer

Software Test Engineer

Cloud Database Specialist

SQL Analyst

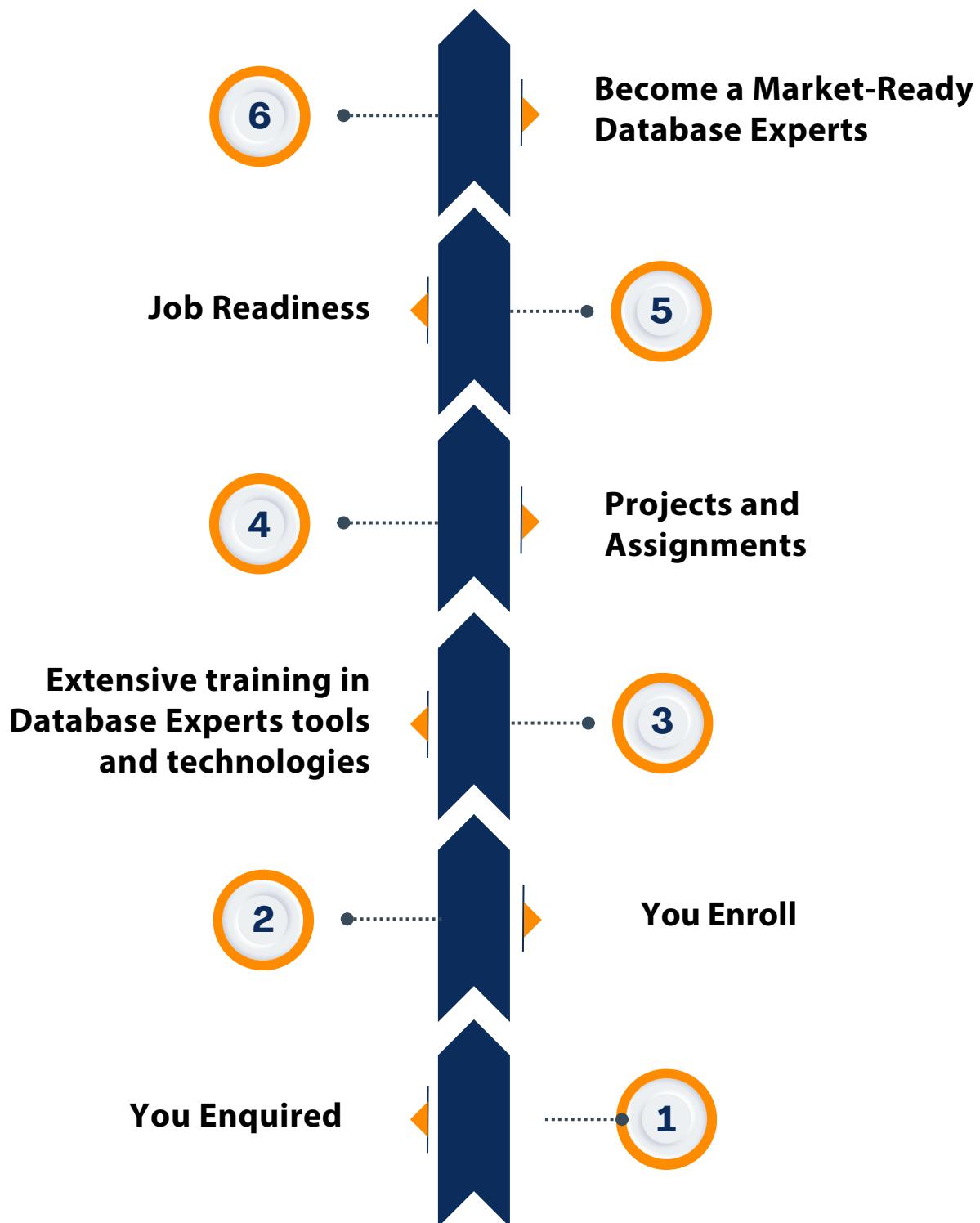
Junior Database Developer

Backend Developer





Learning Path





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.

DBMS using MySQL

Cinute Digital Pvt. Ltd. (CDPL)

ISO 9001:2015 (QMS) & 27001:2013 (ISMS) Certified

QR Code

Certificate is Presented to

YOUR NAME

For Successfully Completing **DBMS using MySQL**
Course From CDPL

Certificate No. **CDPL00000XXX** Issued On **0X-0X-XXXX** Course duration **XX HOURS**

After formal evaluation we acknowledge demonstrated knowledge & outstanding competence of our student.

SHOEB SHAIKH
Learning & Development Head

S. Mask
SANDEEP M. MASKE
Founder & Academy President

This certificate is electronically signed and authenticated with a secure digital signature, ensuring its authenticity and integrity

AAA Accredited Training & Education Provider
Certificate No: TP24821

ISO 9001:2015 (QMS)

ISO 27001:2013 (ISMS)

ACTD Accredited Professional Training Institution

Training Partner
करोन भारत - कृष्ण भारत





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





Course Curriculum **DBMS with MySQL**



Database Management Systems with MySQL

Module 1: Introduction to DBMS & MySQL

1. Understanding DBMS

- Definition, importance & types (Relational, NoSQL, Hierarchical).
- Key concepts: Data models, schemas & data independence.

2. Introduction to MySQL

- Overview, history & features.
- Advantages and use cases in modern databases.

Module 2: Getting Started with MySQL

1. Installation and Setup

- System requirements, MySQL Server/Workbench installation.
- Basic configuration: user accounts, security settings.

2. MySQL Interfaces

- Command Line Interface (CLI) basics.
- MySQL Workbench: GUI features for design and queries.

Module 3: Database Design and Modeling

1. Database Design Concepts

- ER modeling (entities, relationships) and relational schema conversion.
- Normalization (1NF–BCNF) and denormalization trade-offs.

2. Schema Implementation

- Table creation: data types, keys, constraints.
- Indexing basics (single/composite) for query optimization.





Course Curriculum

DBMS with MySQL

Module 4: SQL Basics and Essential Clauses

1. Basic SQL Queries

- SELECT, WHERE, operators (AND, OR, NOT).
- Retrieving data from single/multiple tables.

2. Essential Filtering Clauses

- IN, BETWEEN, LIKE, IS NULL.
- Sorting with ORDER BY and limiting results (LIMIT, OFFSET).

3. Data Manipulation

- INSERT, UPDATE, DELETE operations.
- Transactions (COMMIT, ROLLBACK) for data integrity.

4. MySQL Operators

- Arithmetic (+, -, *, /) and concatenation.
- Logical/comparison operators for precise filtering.

Module 5: Advanced SQL

1. Joins

- Types: INNER, LEFT, SELF, CROSS; multi-table joins.
- USING clause and NATURAL JOIN simplification.

2. Subqueries

- Scalar, correlated subqueries for nested analysis.
- UNION/UNION ALL for combining results.

3. Aggregations

- GROUP BY, HAVING, aggregate functions (SUM, AVG).
- Multi-level summarization techniques.

4. Window Functions

- ROW_NUMBER, RANK, DENSE_RANK with OVER clause.
- Partitioning for running totals and moving averages.





Course Curriculum

DBMS with MySQL

Module 6: Database Administration

1. User Management

- Creating accounts, granting/revoking privileges.
- Security best practices for analytical databases.

2. Backup & Recovery

- Full/incremental backups with mySQLdump.
- Restoring databases from backups.

3. Query Optimization

- EXPLAIN for performance analysis; indexing strategies.
- B-tree, hash, and full-text indexes.

4. Server Configuration

- Tuning MySQL parameters for performance.
- Monitoring via slow query logs.

Module 7: SQL Advanced Features

1. DDL

- CREATE, ALTER, DROP for schema management.

2. DML

- INSERT, UPDATE, DELETE for dataset maintenance.

3. TCL

- Transaction control: COMMIT, ROLLBACK, SAVEPOINT.

4. DCL

- Access control with GRANT and REVOKE.





Course Curriculum

DBMS with MySQL

Module 8: SQL Objects

1. Views

- Creating virtual tables for simplified access.

2. Stored Procedures

- Writing reusable code blocks for repetitive tasks.

3. Functions & Triggers

- User-defined functions (UDFs); automating actions.

4. CTEs & Temp Tables

- Common Table Expressions; temporary table usage.

Module 9: Real-World Applications

1. Case Studies

- Sales/finance database designs; best practices.

2. Capstone Project

- Design, implement, and optimize a business-scenario database.

Module 10: Assessment and Certification

1. Final Assessment Test

- Practical and Theoretical Coverage

2. Certification





Real-Time Projects

DOMAIN KNOWLEDGE





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.



POOJA BOMBATKAR

QUALITY ANALYSIS ENGINEER

An ISTQB certified tester with more than 8 years of comprehensive experience of working in the field of software testing.



TESHOO RAI

QUALITY ANALYSIS ENGINEER

A highly skilled quality analysis engineer and corporate life cycle(SDLC) and software test cycle (SDLC)





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 ★★★★★



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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<





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Company

FOR ANY QUERIES, PLEASE CONTACT US



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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



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