



Indian Institute of Technology
Gandhinagar



India's First Residential PG Diploma Inside an IIT Campus

PG Diploma in AI-ML & Agentic AI Engineering by IIT Gandhinagar
Competency Advancement Academy

Cohort-2 Starting August 2026

60

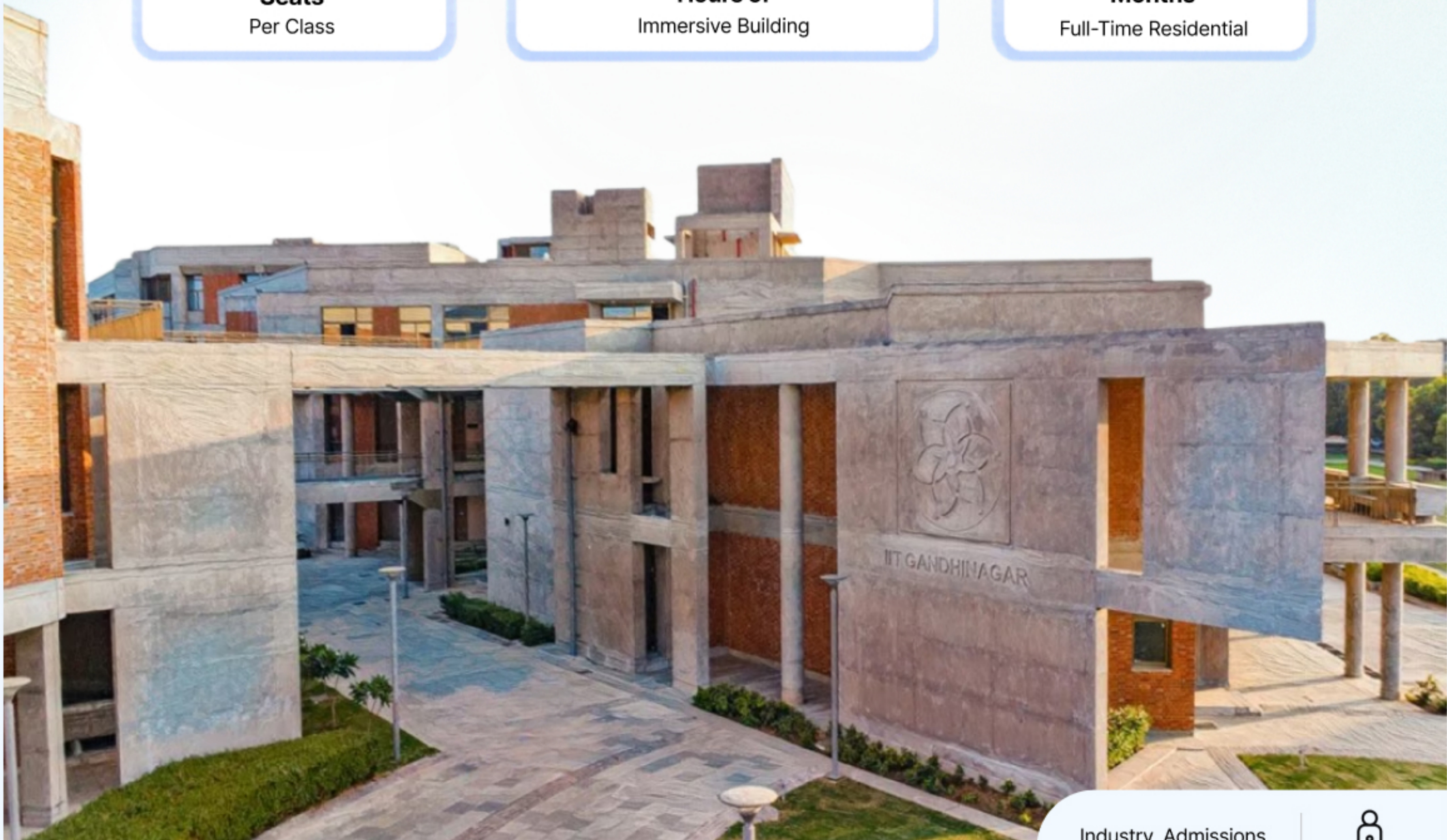
Seats
Per Class

600+

Hours of
Immersive Building

06

Months
Full-Time Residential



IIT Gandhinagar Executive Alumni Status · Merit-Based Admission · No JEE Required · Next to GIFT City

Industry, Admissions
& Hospitality Partner:



The Signal Is Clear

WHAT GLOBAL LEADERS ARE SAYING

"AI is going to be the most transformative technology in human history. The people who learn to build with it will have the most important skills in the economy."

— **Sam Altman** CEO, OpenAI



"AI is probably the most important thing humanity has ever worked on. I think of it as something more profound than electricity or fire."

— **Sundar Pichai** CEO, Google & Alphabet

"India has the talent. What we need now is the infrastructure to convert that talent into capability at scale."

— **Satya Nadella** CEO, Microsoft



In The News -

"Fully Residential... Students Live On The IIT Campus For 6 Months"

IIT Gandhinagar Launches Three GenAI-Powered Tech PG Diploma Programmes



"No JEE Or GATE Required... Admission Through AINPT Exam And Panel Interview"

IIT Gandhinagar Launches Fully Residential GenAI-Powered Tech PG Diploma Programmes



"Executive Alumni Status From IIT Gandhinagar On Completion"

IIT Gandhinagar Launches Fully Residential GenAI-Powered Diploma Courses



The Biggest Hiring Wave in a Decade. And Nobody Is Ready.

Every major company in India



is hiring AI talent right now.

Not researchers. Not interns. Engineers who can build and ship AI systems in production.



The Problem?

There aren't enough of them.

Universities are still teaching 3-year degrees designed for a world that moved on 18 months ago. Online courses are producing certificates, not capability. The market is flooded with people who've learned about AI. It's starving for people who've built with it.

That demand-supply gap is where the money is right now.



The Time Problem

The traditional path takes 2-3 years: a master's degree, scattered internships, months of self-study. Companies can't wait. They need people now.

What most AI/ML Engineers are being offered right now.

₹8-30L



Bidding War

When 10 companies need the same engineer and only 2 exist, salary stops being a budget line. It becomes a bidding war.

What the best ones are commanding scarcity drives these numbers.

₹50-70L

This program compresses that entire journey into 6 months - full-time, residential, inside an IIT because the market doesn't have the luxury of patience, and neither should you.

From the Director's Desk



Indian Institute of Technology
Gandhinagar



A Message to Prospective Students

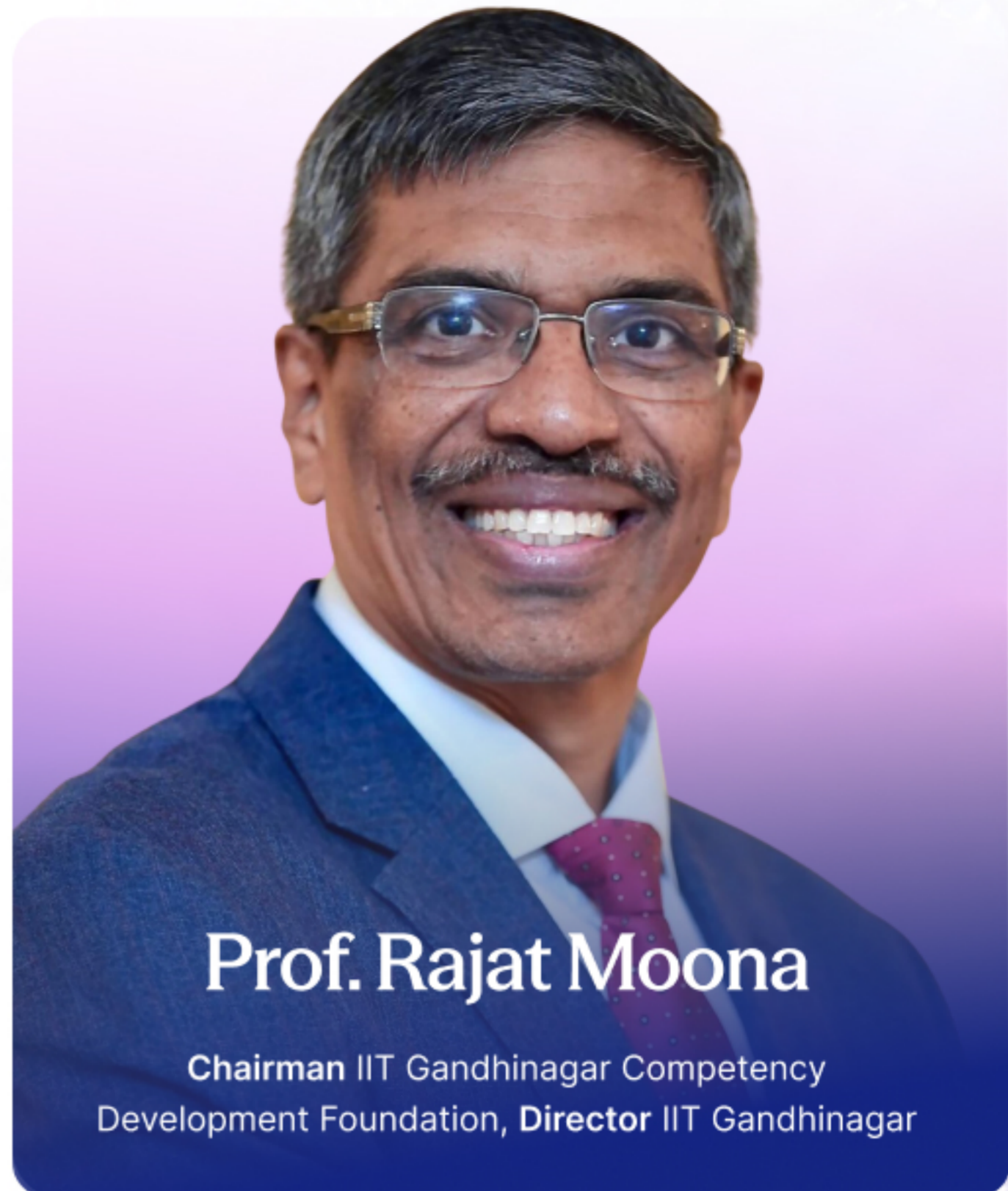
The Prime Minister has set a clear vision: India must become the global powerhouse of AI talent. This is a national priority. **India needs one million AI professionals by 2027.** The moment demands urgency.

At IIT Gandhinagar, we designed this program to match that urgency. Fully residential. Six months. Six hundred hours of intensive, hands-on work on our campus at the doorstep of **GIFT City**. India's emerging centre for AI, fintech, and global capability. **This location is not incidental. The companies building India's AI future are setting up right outside our gates.**

Students learn from IIT faculty, build alongside **Fortune 500 industry leaders**, and are assessed by what they can ship, defend, and improve. **Each class is limited to 60.** Every student is known by name. Every project is reviewed. Every gap is addressed in real time.

This program requires commitment, six months of undivided focus. It is built for students ready to earn their place through examination, interview, and then the work itself.

Come ready to be challenged. Leave ready to lead.



Prof. Rajat Moona

Chairman IIT Gandhinagar Competency
Development Foundation, Director IIT Gandhinagar

Welcome to

**IIT
Gandhinagar**



Why Residential.
Why Six Months.
Why This Way.

This program is residential by design. When you live on campus, the gap between learning and doing disappears. The concept taught at 10 AM becomes the system you build by 4 PM. Your peers, your mentors, your labs are all within arm's reach. Six months of this intensity changes the trajectory of a career.

600+ Hours of Immersive Work

Learn

Core concepts through expert-led sessions

150 hours +

Apply

Guided application, code walkthroughs, structured practice

200 hours +

Execute

Build and deploy production-grade systems

150 hours +

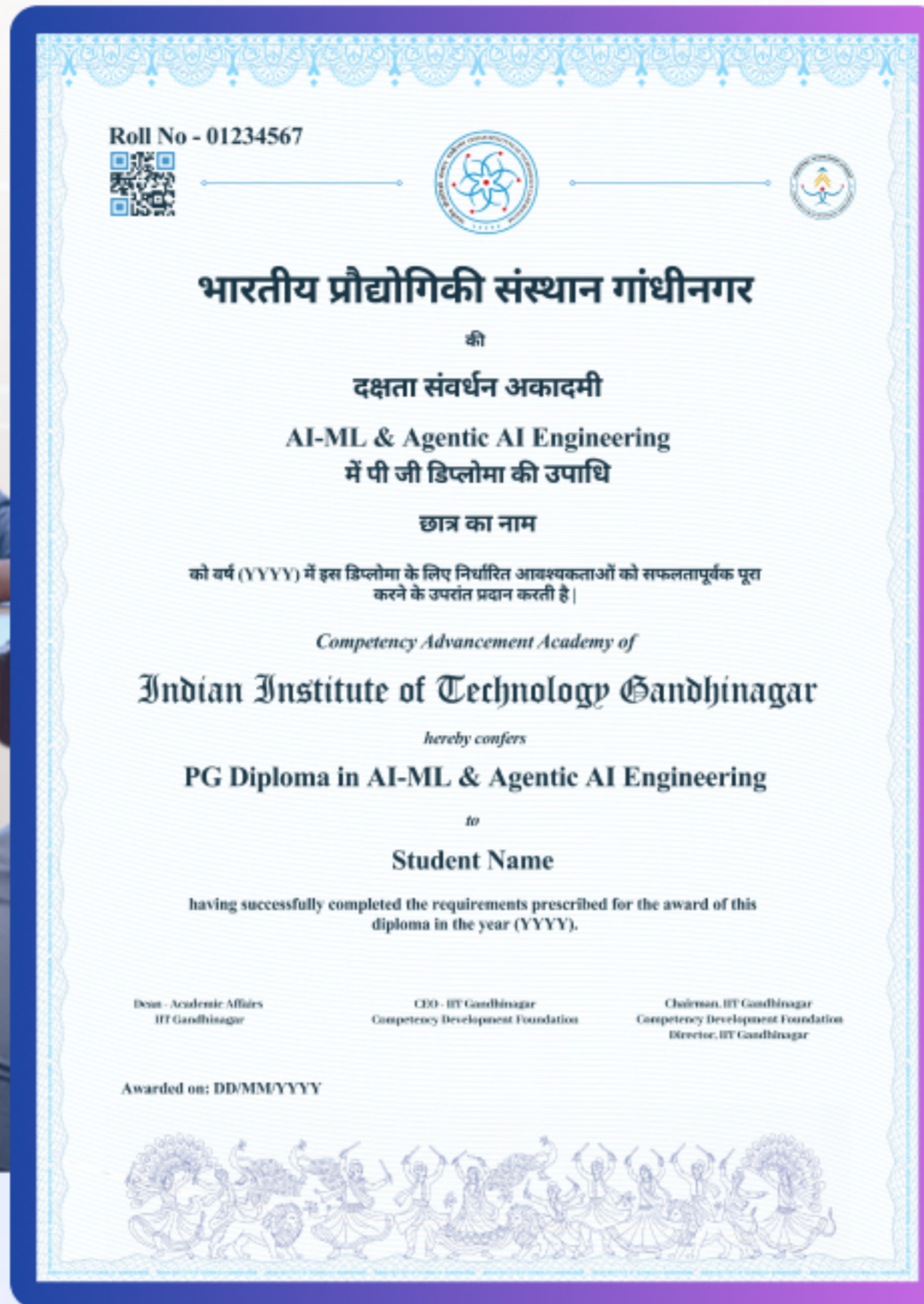
Evidence

Portfolio, projects, proof of capability

100 hours +

What You Graduate With

Skills. Credibility. Proof. And a network that opens door.



PG Diploma

Jointly awarded by IIT Gandhinagar and CAA



Executive Alumni Status

Become part of the IIT Gandhinagar alumni network



IIT Gandhinagar Email & ID

Institutional identity that carries weight



IIT Network Access

Connect with faculty, researchers and students on campus



15-20 Deployed Projects

Live applications with GitHub commits, not theoretical submissions



Portfolio Website

A recruiter-ready showcase of everything you built



Skill-Based Certifications

Earn skill based value add-on sessions



2 Yrs of Experience In 6 Months

The Intensity and output compress years into one focused stretch



100% Placement Support*

End-to-End Career Support from Month 1 from Placement Assistance

Placement Support For participants maintaining 7+ CGPA consistently throughout the program

PG Diploma in AI-ML & Agentic AI Engineering

20 Weeks of core learning within the 6-month residential program.

01

FOUNDATIONS → TRAIN & DEPLOY MODELS

Python for ML, Statistics, ML Fundamentals, Neural Networks

What you can do after this : Train classification/regression models, explain backpropagation, optimise neural networks, implement gradient descent from scratch.

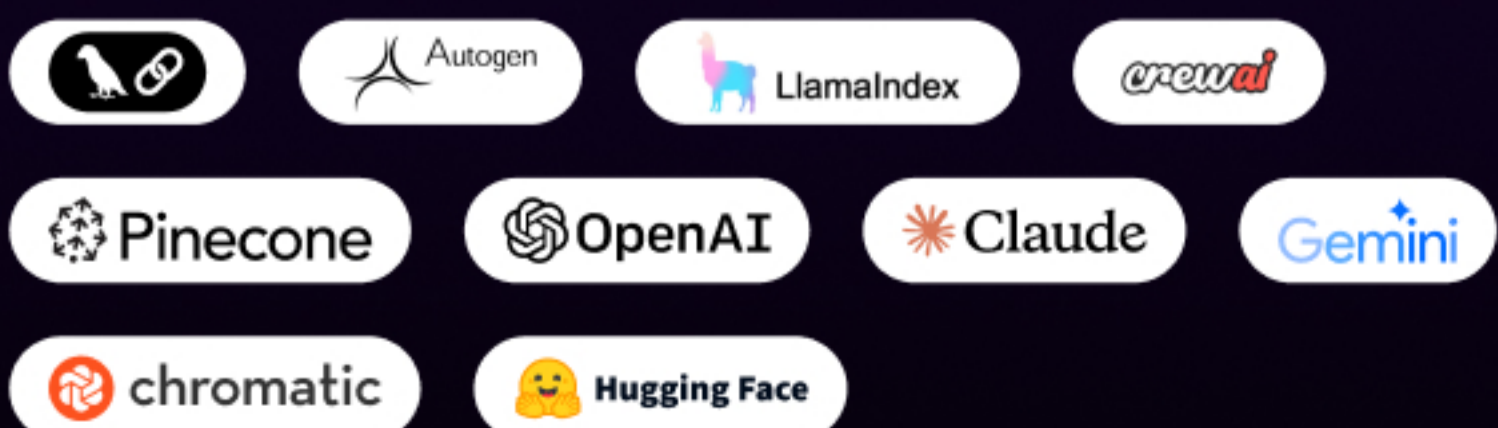


02

BUILD → INTELLIGENT AGENTIC SYSTEMS

Deep Learning & Vision, NLP & Transformers, Agentic AI, MLOps

What you can do after this : Build RAG systems, orchestrate multi-agent workflows, fine-tune LLMs, implement tool-using agents with memory and planning.

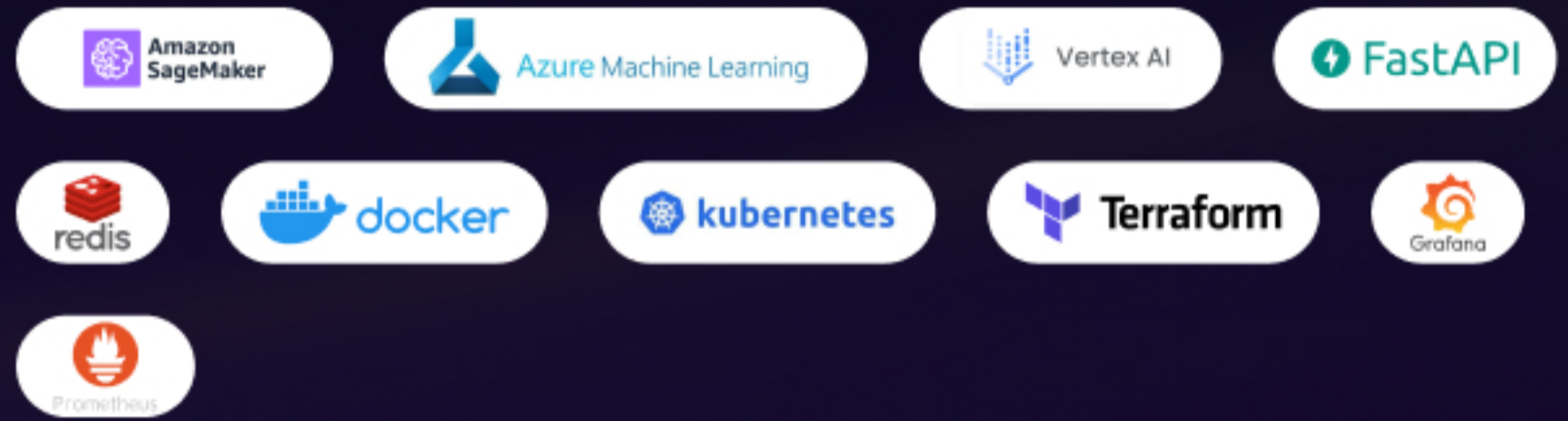


03

DEPLOY → PRODUCTION AI AT SCALE

Cloud & Infrastructure, MLOps & Deployment, System Design, Capstone: Autonomous AI Agent System

What you can do after this : Design agent architectures, deploy production AI systems, implement A/B testing, build fault-tolerant pipelines.



Graduate Ready For:

ML Engineer

MLOps Engineer

Applied AI Researcher

Agentic AI Engineer

Generative AI Developer

Daily ML algorithm practice, Kaggle competitions, AI ethics, open-source contributions

04

INTERVIEW READY → LAND TOP AI ROLES

300+ ML Coding Problems, Algorithm Implementation From Scratch, System Design For ML, 15+ Mock Interviews

What you can do after this : Code neural networks from scratch, design recommendation systems at scale, explain trade-offs in model selection, architect real-time ML systems.



Where Real Problems Get Built Into Real Solutions

Once a week, the classroom becomes a war room.

An RFP arrives Monday. A real problem from a real company. You read it, you debate it, you break it down. By Friday, you demo a working solution. Saturday, an industry mentor scores it. Then you do it again. This is the AI Clinic and it is unlike anything in any other program in India.

How It Works

● What

Solve RFP-style projects with FLC expert guidance and industry mentors. Real briefs. Real pressure. Real feedback.

● Format

Bring your code, your confusion, your architecture decisions, your bugs. Everything is in play.

● Result

You learn to think like engineers who ship at scale — not like students who submit assignments.

Monthly Leadership Sessions

Once a month, a CXO or a founder visits campus for dinner with 12 selected students. No presentations. No panels. Real conversation: what they look for when hiring, what mistakes to avoid, what the next five years look like from where they sit.

This is not a guest lecture. It is access.



Idea Labs — From the Whiteboard to the Real World

Not every idea stays a project. Some become companies. Idea Labs runs as a parallel track throughout the program — a structured pathway from a rough idea to a fundable pitch.

● Phase 01

Ideate & Pitch Weekly pitches. Real feedback. Kill the weak ideas early. Sharpen the ones that survive.

● Phase 02

Build MVPs Use the AI tools you're learning to actually build. Test with real users. Iterate fast.

● Phase 03

Pitch & Fund Present to visiting VCs. The best ideas get incubation support.

What You Build

These are not assignments. These are systems that work.

AI-ML & Agentic AI Engineering Flagship : Multi-Agent Financial Intelligence System

What you ship:

- Live web dashboard with agent reasoning chains and source citations
- API endpoints handling 100+ concurrent requests under 3s
- Evaluation report comparing 3 agent architectures across 500 test cases
- Architecture diagrams, API specs, deployment runbooks

Tech Stack:



Other Systems You Could Build:

- Autonomous Airline Trip Concierge using Agentic AI
- Multi-Agent Software Company from One-Line Prompts
- Self-Evolving Customer Support Mesh with RAG
- Multi-Agent Marketing Brain
- Self-Healing Knowledge-Ops Engine
- AI-Powered QA Guild that Tests and Fixes Autonomously



Build Smarter & Faster With 30+ Industry-Grade AI Tools

AI & ML

PyTorch

TensorFlow



OpenAI

Claude

Agentic AI



Autogen

crewAI

LlamaIndex

Hugging Face

GenAI Tools



GitHub Copilot



Napkin

LLMs

Claude Code Docs

OpenAI

Gemini

deepseek

Grok

MLOps & Cloud

Amazon SageMaker

Azure Machine Learning

Vertex AI

docker

kubernetes

Terraform

mlflow

W&B

Data & Infra

Pinecone

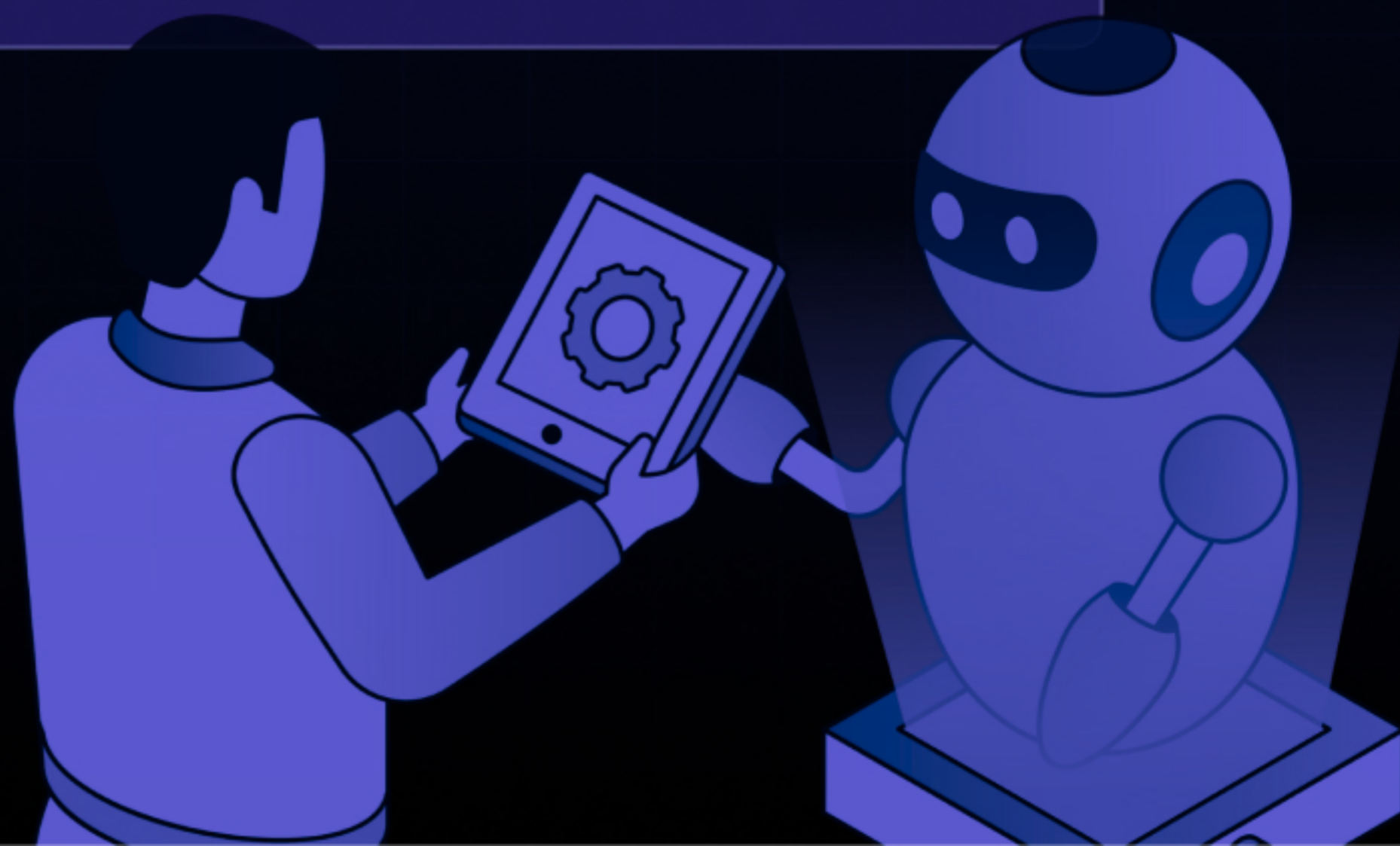
redis

FastAPI

Prometheus

Grafana

kafka



This Is What Immersion Looks Like

Every day is structured to move you from concept to code to confidence. Morning is for thinking. Afternoon is for building. Evening is for sharpening.



Quick Squad Sync

Start with your team. Align on the day. Surface blockers.



Concepts Drilldown

Faculty-led sessions. Core theory, frameworks, mental models.



Hands-On Sessions

Apply Guided exercises. Structured code walkthroughs. Immediate application.



Lunch

Decompress. Connect with a coach.



Applied Concepts

Real-world scenarios, working through ambiguity.



Build Something Harder

Execute Build, break, debug, ship.



Competitive Coding

Hour Daily DSA practice. Leaderboards. Peer Competition.



Your Choice

Rest, collaborate, explore.

Other events in a Typical Week:

Weekly assessments. IIT lab hours. Coding tournaments. Placement sessions. All-nighter sprints. Demo days. Friday social nights. Monthly lunch with industry leaders.

Representative schedule. May change based on faculty discretion.

What A Day Here Actually Feels Like



Squad Sync

Small group of students around a whiteboard or laptop



Classroom Intensity

Masterclass by Industry leader



Hands-on Lab

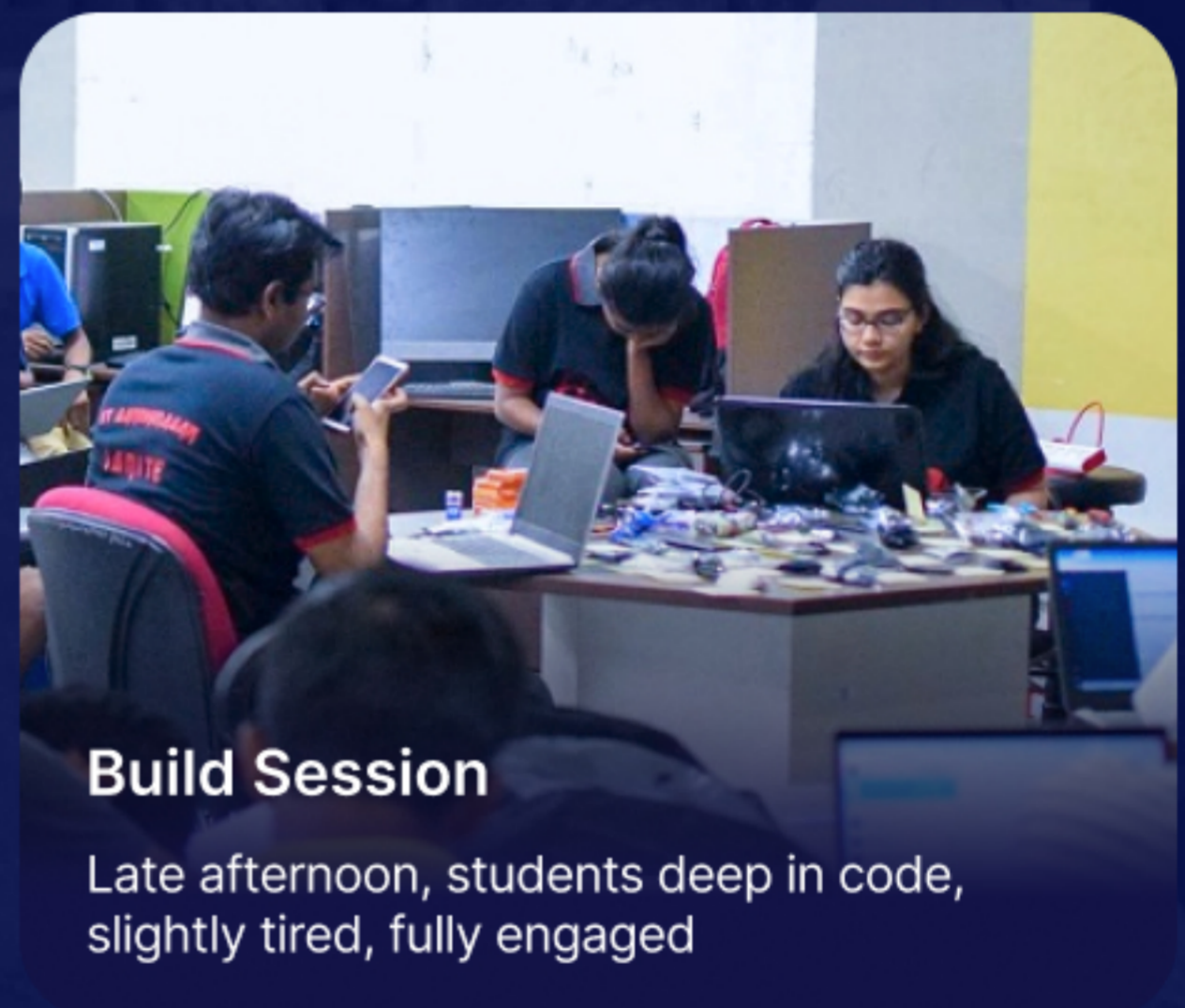
Students coding side by side

6+ hours of hands-on building. Every single day. For six months.



Demo day or Pitch

Student presenting to a panel with confidence



Build Session

Late afternoon, students deep in code, slightly tired, fully engaged



Mess Hall Moment

Lunch & engaging conversations



Hostel Life

Discussion over a cup of chai

Who Teaches

IIT Faculty. Every week.



Prof. Mithun Radhakrishna

Associate Professor,
Chemical Engineering
IIT Gandhinagar



Dr. P. Manisha

Assistant Professor,
Computer Science and Engineering
IIT Gandhinagar



Dr. Ravi S. Hegde

Associate Professor,
Electrical Engineering
IIT Gandhinagar



Dr. Yogesh Kumar Meena

Assistant Professor,
Cognitive and Brain Sciences
IIT Gandhinagar



Dr. Sameer Patel

Assistant Professor, Civil Engineering
(Jointly with Chemical Engineering)
IIT Gandhinagar



**Dr. Sameer
Gundurao Kulkarni**

Assistant Professor, Computer
Science and Engineering
(Jointly with Electrical Engineering)
IIT Gandhinagar

FutureSense Leadership Council

Co-architects, Professors of Practice, and Mentors of the Program



Anand Das

TVS Motors
Chief Digital & AI Officer



Ankit Mogra

Ather Energy
Director - Insights & Analytics



Muthumari S

Brillio
Global Head of Data & AI Studio



Shirsha Ray

Thomson Reuters
Director of Engineering



Ishu Jain

Myntra
Head of Central Analytics



Pankaj Rai

Aditya Birla Management Corp
Group Chief Data & Analytics Officer



Madhu Hosadurga

Schneider Electric
Global VP, Enterprise AI



Nithya Subramanian

Best Buy
Sr Director Data & AI COE



Swati Jain

Deloitte
Partner, Digital AI & Analytics



Srinu Oduru

Kearney
Head of IT Delivery & Operations



Anirban Nandi

Albertsons Companies India
Vice President, AI and Data



Indrani Goswami

Nykaa
Associate Director

FutureSense Leadership Council

Co-architects, Professors of Practice, and Mentors of the Program



Vishal Nagpal

Best Buy
Director of Data & AI



Krithika Muthukrishnan

Scripbox
Chief Data Science Officer



Tushar Sahu

Google
Director Engineering



Sumon Maal

SonyLiv
Director Engineering



Ruchika Singh

Spotify
Director, Data Science & Insights



Nishant Chandra

Microsoft
Industry Copilot Leader & Head



Vidhi Chugh

All About Scale
Head of AI



Ashish Kulkarni

Kritrum
Director Applied AI



Gaurav Srivastava

Amazon
Analytics Business Intelligence



Arpit Agarwal

Google
Data Science Manager



Ashutosh Shinde

PayU
Director, Software Engineering



Biju Kallepilli

SAP Labs
Industry Copilot Head

400 Acres. One Riverbank. India's AI Capital Next Door.

IIT Gandhinagar sits on a 400-acre campus on the banks of the Sabarmati River. Open, interdisciplinary, designed from the ground up for the way ideas actually move between disciplines, between labs, between people.



But there is something else about this location that matters right now.

Thirty Minutes Away Is **GIFT City**.

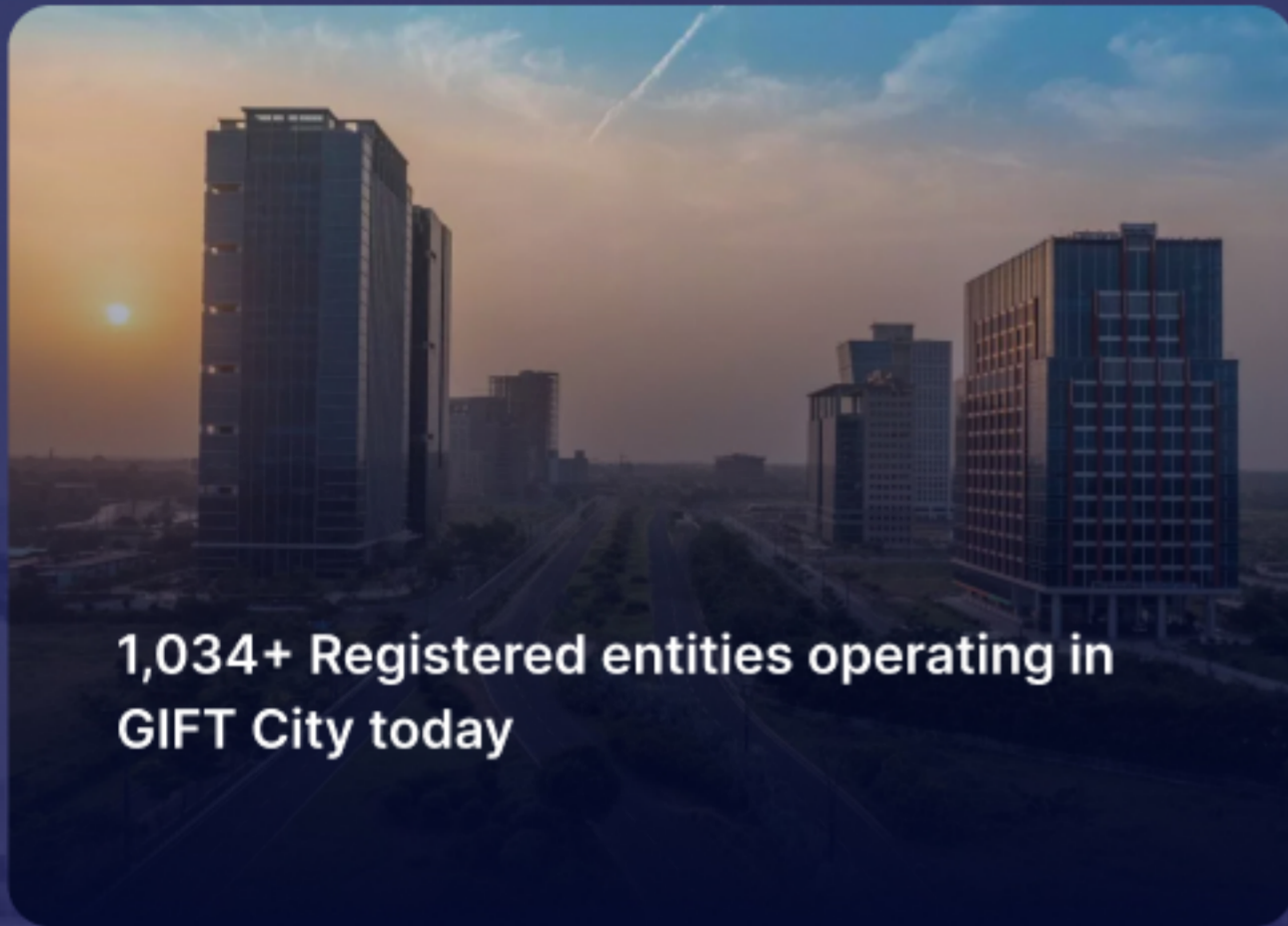
GIFT City, the Gujarat International Finance Tec-City, is not a future project. It is India's first operational smart city and International Financial Services Centre. Over 1,000 entities have set up operations here. Global banks including JP Morgan, HSBC, Deutsche Bank, and Barclays. Insurance companies. Fintech platforms. GCCs of Fortune 500 companies. Some of the most ambitious AI-first startups in the country.

The Gujarat government has set up a dedicated AI Centre of Excellence here, bringing together solution developers, startups, and technology innovators. GIFT City ranked 46th on the Global Financial Centres Index in 2025, the fastest-rising financial centre in Asia.

The companies hiring AI engineers are right there. The deals getting built, the products getting shipped, the teams scaling fast are right there. And you are learning and building inside an IIT campus 30 minutes away for six months.

No other residential AI program in India is positioned like this. Not one.

GIFT City



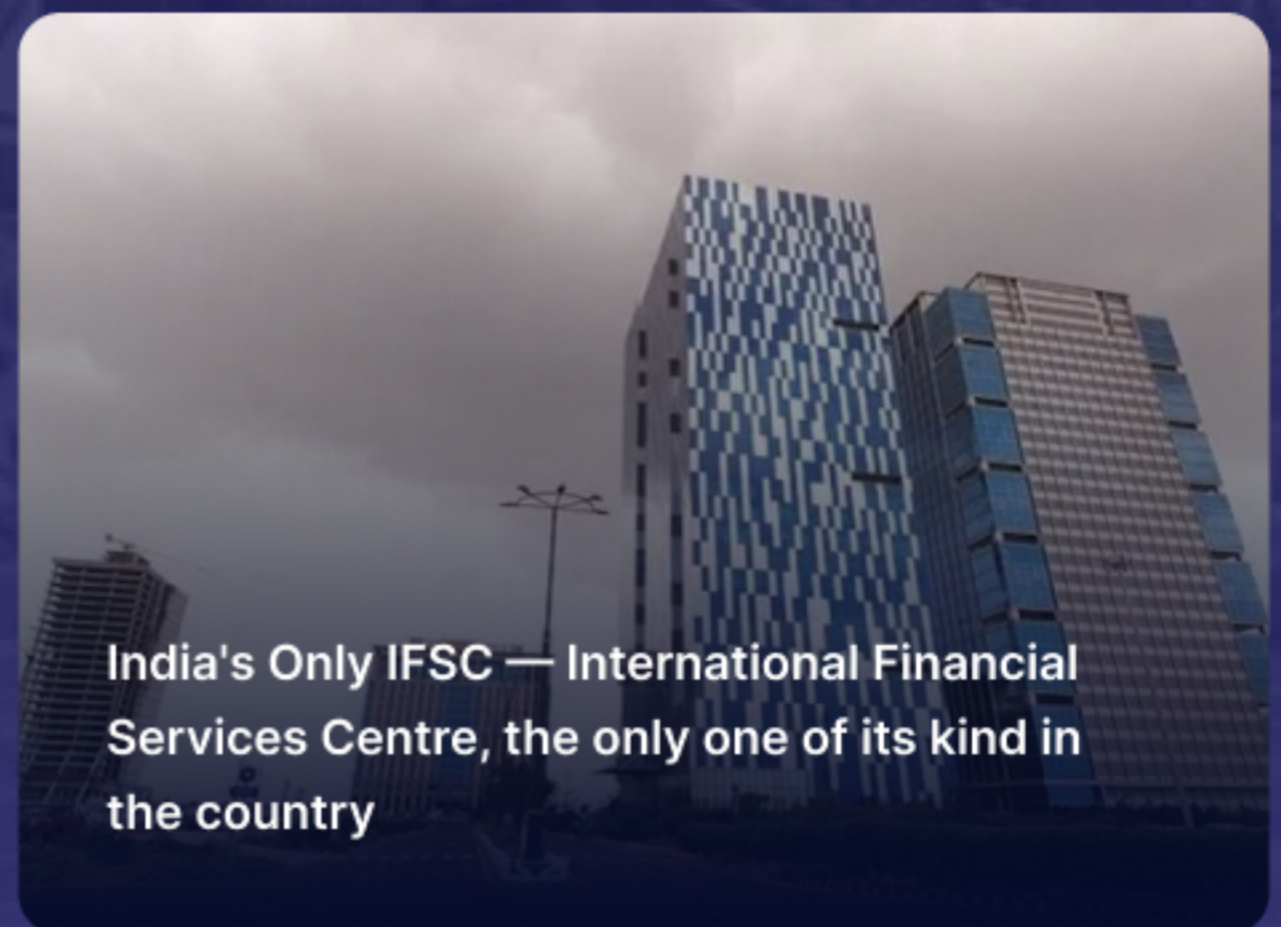
1,034+ Registered entities operating in GIFT City today



35+ GCCs of global companies including Capgemini, Google, IBM, JP Morgan, HSBC, Deutsche Bank, and Bank of America



Ranked 46th on the Global Financial Centres Index (GFCI 2025) — fastest-rising financial centre in Asia



India's Only IFSC — International Financial Services Centre, the only one of its kind in the country

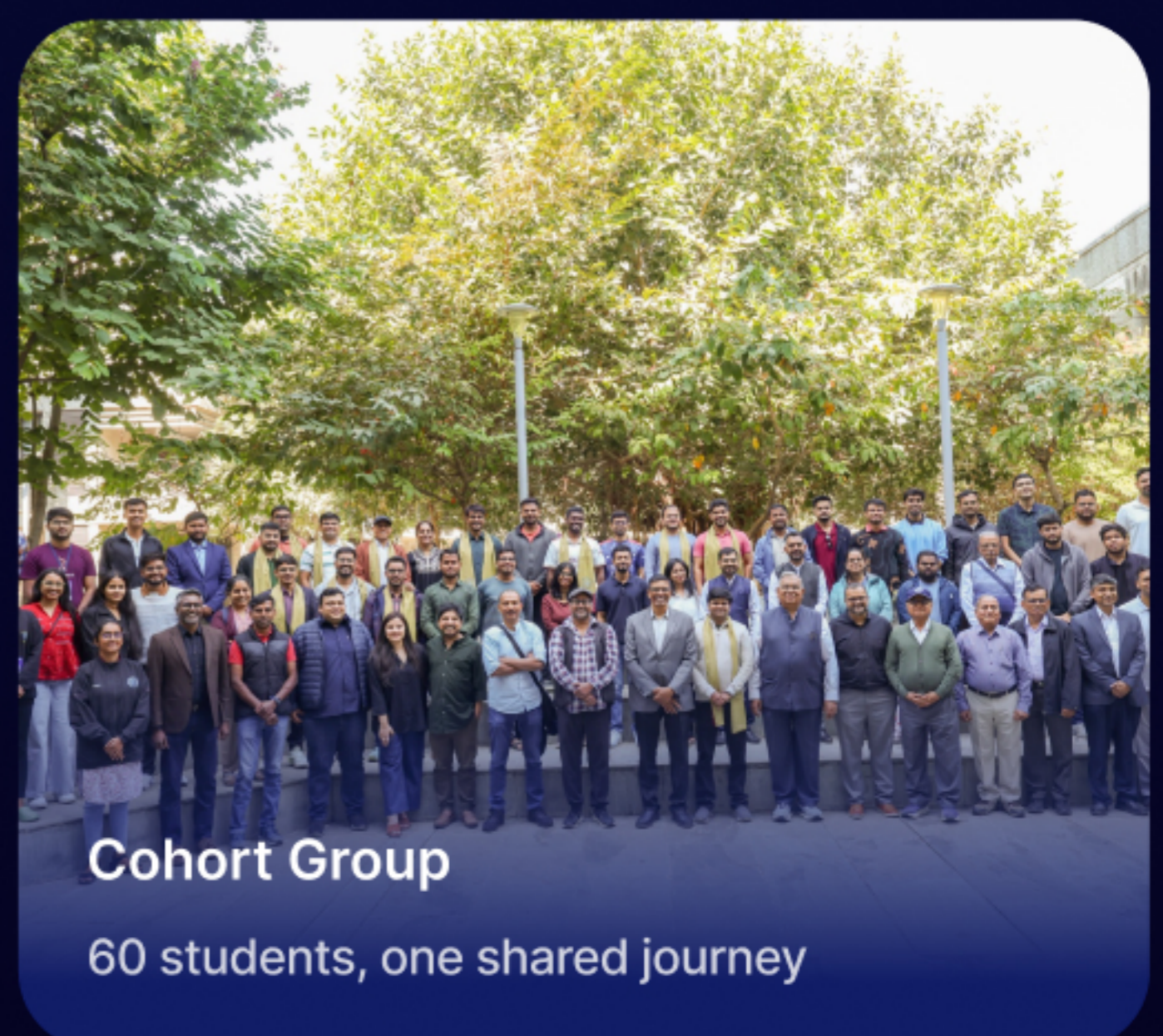
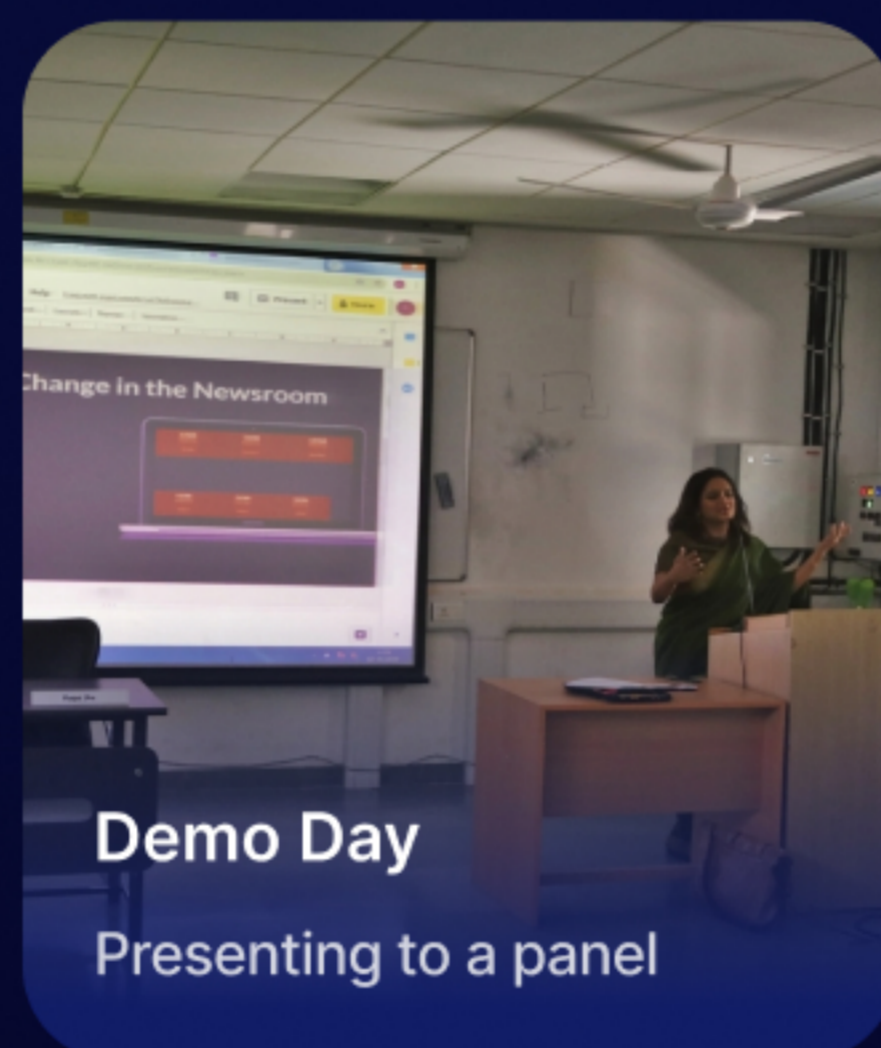


\$100 Billion+ Aggregate banking assets — surpassing traditional offshore hubs for dollar loans to Indian corporates



AI Centre of Excellence — a dedicated platform at GIFT City for AI solution developers, startups, and tech innovators, set up by the Gujarat government

This Is What **Six Months** Looks Like



Hear from our Students

My experience at IIT Gandhinagar has been extremely enriching. The curriculum focuses on practical, industry-relevant learning that strengthens both analytical and technical skills. The faculty and mentors are knowledgeable and supportive, consistently encouraging deeper understanding. Working on hands-on projects with modern industry tools has significantly improved my problem-solving abilities and prepared me for current industry demands.



Niranjan Somnath Hebli

Former Associate, Creative Capsule

PG Diploma in AI/ML & Agentic AI, IIT Gandhinagar

The PG Diploma program at IIT Gandhinagar has been a highly valuable experience. It combines strong academic foundations with practical applications in AI and data science. The faculty, mentorship, and collaborative environment have made the journey both challenging and rewarding. With support from Futureense and IIT Gandhinagar's guidance, I've strengthened my analytical thinking, technical skills, and understanding of data-driven solutions.



Yash Gupta

PG Diploma, IIT Gandhinagar | Business

Analyst, Binariq

This program at IIT Gandhinagar has provided a strong foundation in AI — covering Python, statistics, and more — along with practical exposure to real-world applications. The faculty's focus on applied learning makes complex concepts accessible, and being part of the IIT academic environment alongside peers from diverse backgrounds has been truly enriching.



Yash Kiritkumar Parmar

PGP in AI/ML, IIT Gandhinagar

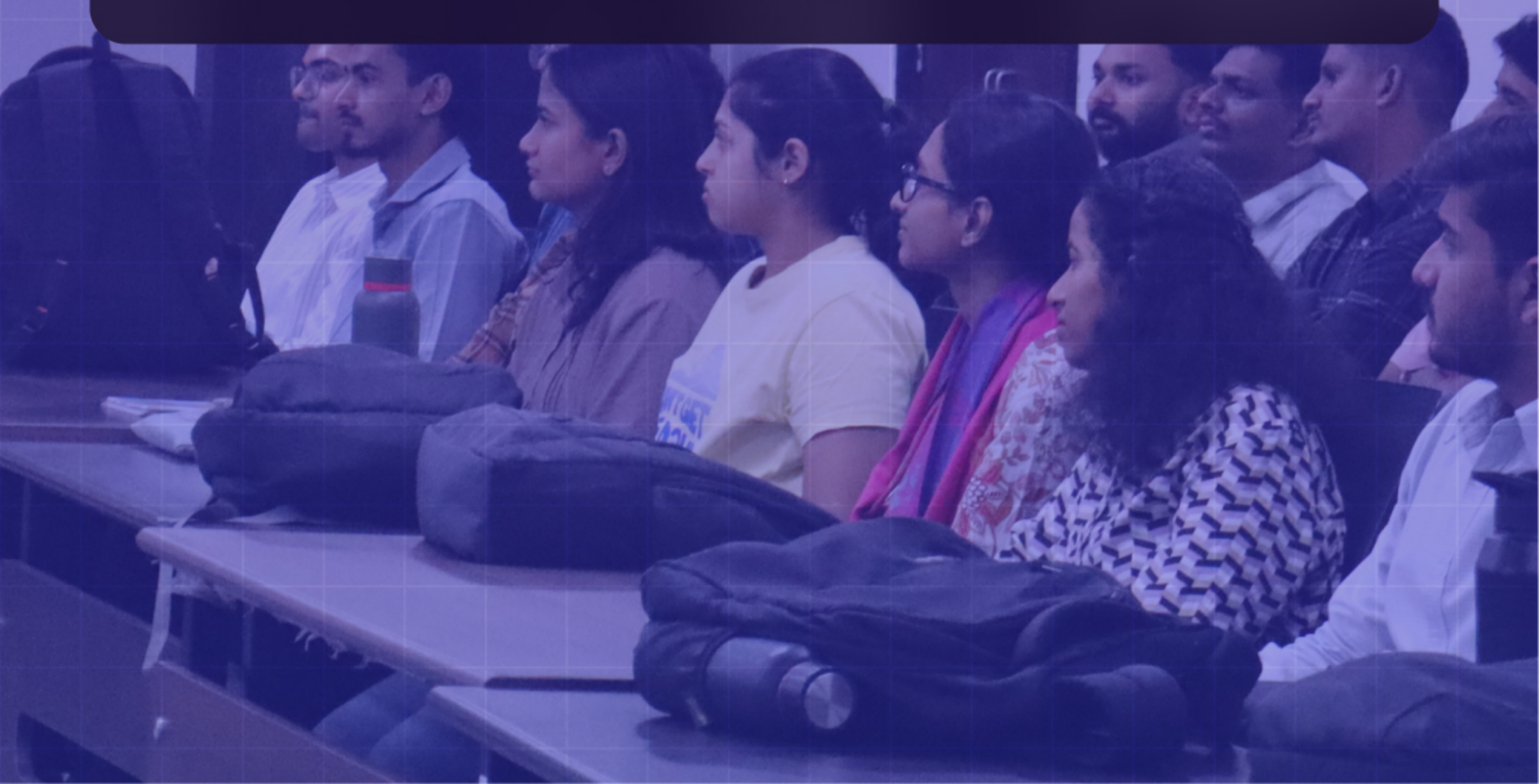
The IIT Gandhinagar PGD in AI/ML and Agentic AI Engineering is a highly valuable program that bridges academic knowledge with real industry applications.



Shubham Kiranrao Rangdal

PGD in AI/ML & Agentic AI Engineering, IIT

Gandhinagar



Not Ready Yet? We'll **Get You** There.

The Bridge Course is included for free with your enrollment.

Worth ₹29,000. Yours from Day 1.

Every cohort starts from a different baseline. Some have been coding for years. Some are returning after a gap. Some are switching disciplines entirely. **The Bridge Course exists so that on Day 1 of the core program, everyone is standing on the same ground.** It is not remedial. It is runway.

Worth
~~₹29,000~~
FREE

What the Bridge Course Covers

Maths Refresher Linear algebra, probability, and statistics — the foundations every ML concept is built on.

Programming Foundations

Python from the ground up. Variables, functions, libraries, and the mindset of writing clean code.



Machine Learning Essentials

Core ML concepts before the deep work begins. Supervised learning, model evaluation, basic pipelines.



GenAI, Agentic AI & Prompt Engineering

How LLMs work, how to prompt them well, and what agents actually are before you start building them.



Vibe Coding Workflows

AI-assisted development using Cursor, GitHub Copilot, and modern coding workflows. How engineers actually work today.



Included free. No extra fee. No separate application. Begins before the core program.

Earn Your Seat

Not open enrollment. 60 seats per class. You apply, you test, you interview.

For Graduated Candidates

Sr. No.	Eligibility Criteria	Required Proof
01	Minimum 60% in Class 12 or 6.0 CGPA (on a 10-point scale). Should have Math in Class 12.	Class 12 marksheet
02	BTech / BE / BS (4-year program) with minimum 50% marks or 5.0 CGPA (on a 10-point scale)	<ul style="list-style-type: none">All semester-wise marksheetsGraduation degree certificate
03	Integrated programs: BSc + MSc / BSc / BCA + MCA / BSc / BS + MS (5-year program)	<ul style="list-style-type: none">All semester-wise marksheetsGraduation degree certificate
04	Any work experience claimed must have duration proof	Any on the following: Resignation / relieving / experience letter / offer letter mentioning Date of Joining (DOJ)
05	UG and PG degrees must be from accredited Indian or international institutions	Graduation degree certificate

For Ongoing Undergraduate Candidates

Sr. No.	Eligibility Criteria	Required Proof
01	Minimum 70% in Class 12 or 7.0 CGPA (on a 10-point scale) with Mathematics	Class 12 marksheet
02	Must be a BTech student with no active backlogs	All semester-wise marksheets
03	Must be currently in 6th, 7th, or 8th semester	NOC from UG institution in lieu of internship (as per approved format)

Other Mandatory Requirements

Sr. No.	Requirement	Remarks
01	Medical Certificate	To be submitted only in the specified format
02	Anti-Ragging and Anti-Drug Declaration	To be submitted only via the official government link
03	Medical Insurance	Coverage required for 6 months to 1-year tenure
04	Offer Letter	Signed OL with Declaration

Who This Is For



Final year students and fresh graduates.



Anyone ready to commit six months for career transformation.

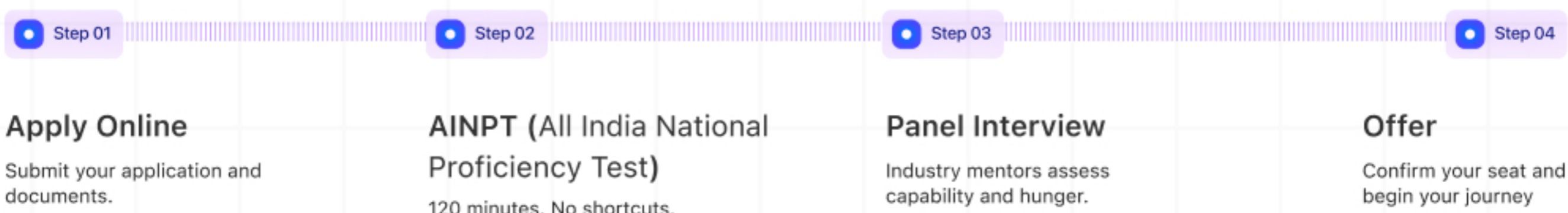


Early professionals (0-2 years).

India's First All India National Proficiency Test



A **120-minute high-intensity exam** designed to find the **60 people per class** who belong here. It tests technical aptitude, problem-solving under pressure, and reasoning that separates builders from bystanders.



Program Investment

₹ 5,00,000 (all inclusive)

Tuition Fees

(500+ hours of learning)

Payable to IITGN CDF

EMI options available

This is an invitation-only program. Applications close once **60 seats** are filled.

₹ 1,25,000 +5% GST

Hostel & Operations Fees

Hostel (twin sharing rooms), 4 meals a day, labs, admin for 6 months. Non-refundable.

Payable to Futureense

₹ 3,000 (Pre-test)

Application Fees

Non Refundable



Why These Careers Pay What They Pay

Companies need people who can build, deploy, and own AI systems in production. The number who can actually do this is a fraction of the demand. When supply is scarce and demand is urgent, salaries rise. Candidates with an IIT credential, a production-ready portfolio, and 600+ hours don't stay on the market long.

₹8–30 LPA

Where most graduates land

₹50–70 LPA

Strong Portfolios & Specialisations

Career Support From Month 1

Month 01

Month 02

Month 03

Month 04

Competitive Coding.
GitHub Portfolio.
Industry Workflows.

Weekly mock interviews.
Placement coaching.

Resume & LinkedIn
optimisation.
Interviews Begin.

Active placement drives.
Offer & negotiation support.

Eligibility for placement support: 7.0+ CGPA | 95%+ attendance | 12+ deployed projects

Your Gateway to the Best Companies

Companies that recruit from IIT programs. You're now inside that pipeline.

Global Capability Centers



Product Companies



Consulting



Startups



About IIT Gandhinagar



IIT Gandhinagar was founded in 2008 with a singular belief: that engineering education must go beyond technical skill. In under two decades, it has become one of India's most respected IITs, known not for age, but for ambition.

The institute sits on a 400-acre campus on the banks of the Sabarmati River, designed from the ground up as a living laboratory. It was the first academic campus in India to earn a 5-star GRIHA-LD Sustainability Rating.

IITGN has pioneered what few IITs have attempted. A liberal arts requirement for all engineering students. Deep interdisciplinary research across cognitive science, heritage studies, and AI.

The Competency Advancement Academy (CAA) operates under the IIT Gandhinagar Competency Development Foundation (CDF). This PG Diploma program is a product of that mission: IIT depth, industry pace, real outcomes.



400 Acre Eco
Friendly
Campus



About Futureense

Futureense is India's largest AI-focused skilling and talent company.

It exists to solve one problem: the gap between the AI talent India produces and the AI talent the world needs.

Futureense is the Industry, Admissions, and Hospitality Partner for this program. Everything beyond the classroom: industry mentors, placement engine, campus operations, career support.

The IIT brings academic depth.
Futureense brings the machinery that turns that depth into careers.



Impact & Ecosystem

3M+

LEARNER
COMMUNITY

70+

UNIVERSITY
COLLABORATIONS

10+

IIT/IIM
PARTNERSHIPS

540+

TRUSTED HIRING
PARTNERS

25K+

CAREERS
TRANSFORMED

100+

MENTORS &
EXPERTS

400+

FUTURENSE TEAM
STRENGTH

65+

ENTERPRISE CLIENTS
ACROSS FORTUNE
500 AND GCCS

Our Verticals

Futureense.uni

Online degree and
certificate programs
with IITs and IIMs

Futureense.uni 

Futureense Global

Study abroad and
credit transfer with
global universities

Futureense.usp 

Futureense.eup 


Futureense School of AI

Co-branded AI
undergraduate programs
for select universities

 **Futureense**

Futureense.enterprise

Staffing and corporate
reskilling for Fortune 500
and GCCs

 **futureense
leadership
council**



Indian Institute of Technology
Gandhinagar



Come Hungry Leave Transformed.

India's most immersive residential AI program at IIT Gandhinagar



Start Your
Application Now



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Instagram

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