



Staying on the Edge of AI with Problem- First Approach

Class of 25'



From Ideas to Intelligence: The Art of AI

In today's rapidly evolving technology landscape, Staying on the Edge of AI is the difference between following trends and shaping the future.

At our academy, we believe in a Problem-First Approach—where every concept is tied to solving real-world challenges. From mastering the foundations of Generative AI, Prompt Engineering, and Retrieval-Augmented Generation (RAG) to building intelligent systems with AI Agents, Multi-Agent Collaboration (MCP), and Agent-to-Agent (A2A) communication, you'll gain the skills needed to create practical, enterprise-ready AI solutions.

Join us and become an AI professional who doesn't just adapt to the future – but helps create it.

Meet your Mentors

Sri Chandra Dronavalli

Director – Software Services & Head of AI

With over 10 years of experience in Artificial Intelligence and software engineering, I specialize in Generative AI, RAG, Prompting, and AI Agents. I've built and deployed enterprise-grade AI solutions across industries including fintech, edutech, e-commerce. My mission is to bridge the gap between theory and practice—helping learners master AI with hands-on labs, projects, and real-world problem-solving.



Harshitha Pasem

Manager of Software Service

Manager of Software Services and AI at Terralogic Academy in Bangalore. Having 5 years of experience in artificial intelligence and software development. She specializes in research, machine learning, MCP (Model-Context-Protocol), and A2A (Agent to Agent). She developed AI solutions for fintech, edutech, and e-commerce. She now hopes to bridge the gap between students/professionals who are interested in AI but don't know where to begin.





AI Learning, Reimagined

Problem-First Learning:

Turn concepts into action—design and deploy chatbots, retrieval systems, and collaborative AI agents right from the start.

Collaborative Classrooms:

Offline labs designed to foster peer learning, creativity, and teamwork, preparing you for enterprise-level collaboration.

Interactive Sessions:

Connect with mentors in live classes, uncover real-world AI challenges, and brainstorm solutions alongside fellow learners.



Step Into AI

Fuel your curiosity with hands-on learning—develop **Intelligent applications** that shape the future of technology.

Software Engineers & Developers

IT Professionals

Prompt Engineers

Project Managers & Tech Leads

Data Analysts

Data Engineer

Students & Freshers

Design & evolve to Core AI Components

1st Month

AI Foundations

Everything from scratch. Learn and strengthen your basics in AI, Generative AI, and Prompt Engineering.

2nd, 3rd Month

Design & Evolve

Step into advanced AI—explore RAG pipelines, intelligent agents, and multi-agent systems. Apply concepts through hands-on projects and teamwork.

4th, 5th & 6th Month

Internship

Time to implement your AI skills in real-world projects. Apply your knowledge under expert mentorship and gain hands-on experience with enterprise-grade AI systems.



Enterprise-Ready Curriculum

Week 1

AI & ML Basics / Build Core Foundations

- Learn AI, ML, DL, and GenAI fundamentals. Understand data preprocessing, model training & evaluation.

Week 2

Deep Learning & Generative Models

- Get started with neural networks, TensorFlow/PyTorch, and Generative AI.



Week 3

Prompt Engineering / LLM Interaction

- Master prompting strategies: zero-shot, few-shot, chain-of-thought.

Week 4

Applied Generative AI / Fine-Tuning

- Explore real-world GenAI use cases and intro to fine-tuning.

Week 5

RAG Fundamentals / Knowledge Augmentation

- Understand embeddings, vector DBs, and RAG pipelines.



Week 6

Advanced RAG / Enterprise Applications

- Learn hybrid search, caching, and enterprise integration.

Week 7

AI Agents / Tool Use & Automation

- Discover agent fundamentals, planning, reasoning, and memory.

Week 8

Multi-Agent Systems / MCP & A2A

- Learn how agents collaborate using MCP and A2A communication.



Week 9

Enterprise AI / Solution Architecture

- Explore real-world AI use cases, scalable workflows, and architecture design.

Week 10

Advanced Agents / Team Projects

- Deep dive into LangGraph / Auto Gen and multi-agent debugging.

Week 11

Deployment, Security & MLOps

- Learn cloud deployment, CI/CD, and AI security threats.



Week 12

Hackathon Showcase

- Work in hackathon mode on end-to-end AI projects: RAG bots, agentic workflows, or A2A systems.

Week 13 – Week 24

Internship @ Terralogic

- Get hands-on experience working at the Terralogic office, Bangalore. Collaborate directly with industry experts and learn how AI solutions are built for real-world requirements.
- The internship provides exposure to cutting-edge AI projects–RAG systems, AI Agents, and enterprise-scale applications– while engaging with a vibrant tech community. Upgrade your skills, apply your learning, and refine your work with mentor feedback. Gain invaluable 3 months of industry experience in AI at Terralogic.

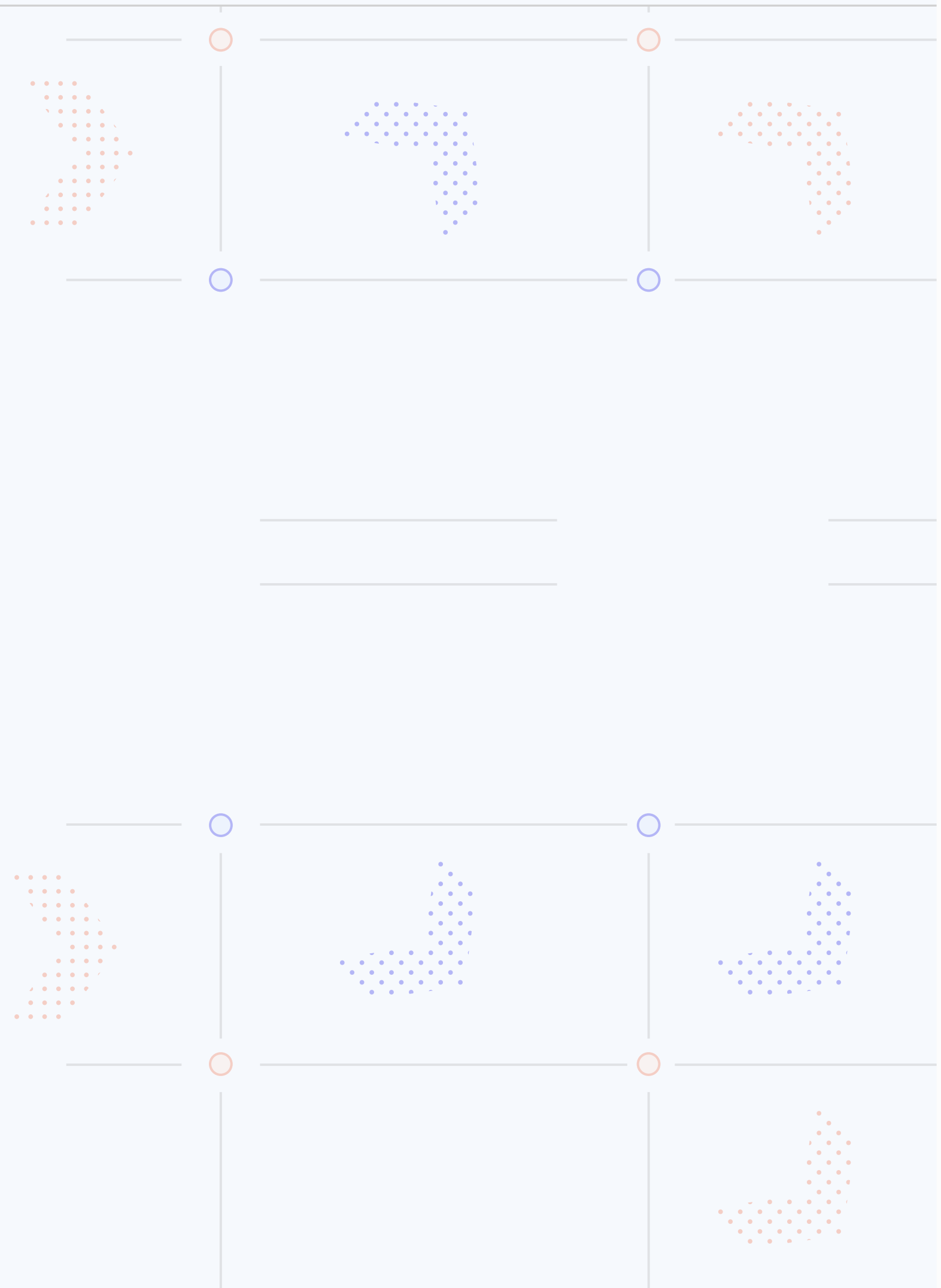


Location & Kick-off date

Bangalore

Classes start in **November, 2025**

Besides DHL Express, KMJ Atelier, No. 69, Hosur Rd, Muneswara Nagar, Roopena Agrahara, Bommanahalli, Bengaluru, Karnataka.





TERRALOGIC Academy

Wanna Know More?

Write to us -

[Contact Us ↗](#)