



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in



COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

47
years

Value Added Course on

Generative AI Essentials: From Basics to Breakthroughs

11th Oct 2025 to 26th Oct 2025 (Every Saturday & Sunday)

Organized by

Department of Computer Science and Engineering & Department of Information and Technology in association with AICTE IDEA Lab, CBIT (A)

About the Course:

- The Purpose of organizing this course is to empower engineering students with hands-on, real-world GenAI experience by guiding them through AI systems, workflows, and automation projects that are directly aligned with high-paying AI job roles and industry certifications. This transforms CBIT into a leading AI innovation hub, producing industry-ready AI professionals capable of deploying enterprise-grade AI solutions using the latest in Generative AI, Agentic AI, RPA, and Quantum tools.
- No Registration Fee.**

Instructor Details:

Name: Uma Desu

Designation: Chief AI Officer (CAIO), GenAI Pioneer

Expertise: Generative AI Applications, AI Strategy, Prompt Engineering, and AI for Education

Email: caio@genaipioneer.com

WHO SHOULD ATTEND: UG and PG Students

CERTIFICATE : Mandatory requirements

- Should have atleast 80% of attendance after successful completion of the course
- 75% marks in exam conducted at the end of course

REGISTRATION LINK: Interested students kindly fill the form

<https://forms.gle/WDFiTLfrq6zNcYWB9>

For any further information:

Smt. G.Shanmukhi Rama, Asst. Professor, CSE Dept.

PhNo: 9949438284

Day wise schedule:

Date	9:15 - 11:00 AM	11:00 - 11:10 AM	11.10 - 12:30 PM	12.30 - 01:00 PM	01:00 - 02:30 PM	02:30 - 02:40 PM	02:40 - 4:05 PM
Day 1	Robotic Process Automation	BREAK	Smart Notification Systems	LUNCH BREAK	UiPath, N8N, OpenAI API, Google Cloud Console	BREAK	Gmail API, Sheets API, HF Spaces, Bolt, Cursor, Windsurf
Day 2	Natural Language Processing		Deep Learning		Word2Vec, TensorFlow,		Databricks, Azure AI, RAG, Gemini API
Day 3	Computer Vision		Application and Content Creation		OpenCV, MediaPipe, YOLO, Teachable Machine, Histogram Equalization		CLaHE, Leonardo, Stable Diffusion, Bubble, Invideo, Runway ML,NoteGPT
Day 4	Prompt Engineering		Chatbots		Google Vertex AI, IBM Prompt Tools		Landbot, Noupe, Agionic, OpenAI Playground
Day 5	Agentic AI Systems		Agentic AI Systems		IBM Multi-Agent AI		LangChain, AutoGen
Day 6					Hugging Face Transformers and Agents		Vector Databases (FAISS, Chroma), Retrieval APIs

Faculty Coordinators:

Dr B. V. S. RAO, Coordinator , Idea Labs, CBIT

Dr. T Sridevi, Assoc. Professor, CSE Dept.

Smt. G. Shanmukhi Rama, Asst. Professor, CSE Dept.

Ms. P. Kiranmaie , Asst. Professor, IT Dept .

Dr. T. Prathima, Asst. Professor, IT Dept .

Dr. T. Suvarna Kumari, Asst. Professor, CSE Dept.

Smt. S. Durga Devi, Asst. Professor, CSE Dept.

Dr. B. Harish Goud, Asst. Professor, IT Dept .

Coordinator, PhNo: 9703406001

Coordinator, PhNo: 9949438284

Coordinator, PhNo: 9032315262

Coordinator, PhNo: 9441044722

Co-Coordinator, PhNo: 9493015349

Co-Coordinator, PhNo: 9440698267

Co-Coordinator, PhNo: 9492863506

Student Coordinators:

Mr. Sai Goud.

Ms. Jasmine Mia.

Student Coordinator, PhNo: 9177313507

Student Coordinator, PhNo: 8897555218