CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

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

Approved by | Affiliated to | UGC Autonomous | 12 Programs Accredited by NBA | Grade A++ in NAAC | All India Ranking 151-200 Band nirf | Certified by ISO 21001 : 2018

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION

47 years

Value Added Course on

Generative AI Essentials: From Basics to Breakthroughs

Transformative AI, Assistive & Agentic AI, QuantumAI, Conversational AI, and Edge AI for Innovation, Entrepreneurship, and Start-ups

11th, 12th, 18th, 19th, 25th, 26th October 2025
(**Saturday Offline** & **Sunday Online**)

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 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.

- **Registration Fee. Rs.350/- (for Launch and Certificate)**

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: Idea Lab students/Startups/MSME's/Student and Rural Innovators

CERTIFICATE will be issued:

1. **Should have at least 75% of attendance after successful completion of the course**
2. **Test/Assignments to be carried out.**

REGISTRATION LINK: Interested participants kindly fill the form

https://forms.gle/HqdB1a7KmY37fugb9

For any further information:

Dr B.V.S Rao: Asst Prof. MED, IDEA Lab Coordinator,   Ph. No: 9390545750/9985306575
Smt. G.Shanmukhi Rama,Asst. Professor, CSE Dept.   PhNo: 9949438284

Day wise schedule:

11th October2025(Saturday)
- Transformative AI& Prompt Engineering
  - o IBM/Google AI servers
  - o No-code tools: Replit, WinServ, Bolt, Hugging Face
  - o RPA work flows for academic automation
- Edge AI
- Computer Vision
- AIin Cyber security
- Introduction to Quantum AI

12th October2025(Sunday)
- Assistive AI & Agentic Tools
  - o Promptchainingandmulti-steplogic
  - o Tools: IBM Cloud, Windsurf, Bubbie
  - o Applications in health care, smart manufacturing, IoT, and finance
- AgenticAI Concepts
- ExplainableAI (XAI)
- Fine-tuning with LoRA

18th October2025(Saturday)
- Application-oriented sessions for core engineering branches
- Project ideation and proposal framing using AI tools
- Use of RPA and AI in academic and industrial workflows

19th October2025(Sunday)
ConversationalAI
- o Lang Chain with Retrieval- Augmented Generation(RAG) Multi modal AI

25th October2025(Saturday)
- QuantumAIDeep Dive
  - o Quantum computing concepts for Gen AI applications
- Hands-on with simulators and quantum SDKs
- AI for innovation in entrepreneurship and start-ups

26th October2025(Sunday)
- GenerativeAIApplications
- Synthetic Data Creation for model training
- Showcase: Participant demos, prototypes, and startup ideas
- Combined valedictory session and certificate distribution

Faculty Coordinators:

Dr B. V. S. RAO, Coordinator , Idea Labs, CBIT	Coordinator, PhNo: 9290545750
Dr. T Sridevi,Assoc. Professor, CSE Dept.	Coordinator, PhNo:9703406001
Smt. G.Shanmukhi Rama,Asst. Professor, CSE Dept.	Coordinator, PhNo: 9949438284
Ms. P. Kiranmaie , Asst. Professor,IT Dept .	Coordinator, PhNo: 9032315262
Dr. T. Prathima, Asst. Professor,IT Dept .	Coordinator, PhNo: 9441044722
Dr. T. Suvarna Kumari, Asst. Professor, CSE Dept.	Co-Coordinator, PhNo: 9493015349
Smt. S. Durga Devi, Asst. Professor, CSE Dept.	Co-Coordinator, PhNo: 9440698267
Dr. B. Harish Goud, Asst. Professor,IT Dept .	Co-Coordinator, PhNo: 9492863506

Student Coordinators:

Mr. Sai Goud.	Student Coordinator, PhNo: 9177313507
Ms. Jasmine Mia.	Student Coordinator, PhNo: 8897555218
Mr. P. Varun	IIC- Student Coordinator, PhNo: 9346565683