

CHIEFPATRON

Sri. N. Subash President, CBIT(A)

PATRON

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CONVENER

Dr Umakanta Choudhury

Prof – EEE and Advisor(I&I), CBIT

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Head-CSE,CBIT

Prof. M. Venu Gopalachari

Head-IT,CBIT

COORDINATORS

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DrB.V.SRao, Asst. Prof. Coordinator, IDEA Lab.

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

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Prof. D Krishna Reddy, Director R&D,CBIT

Prof. B Linga Reddy, Director, SA&P, CBIT

Dr. N L N Reddy, Director, CDC, CBIT

FDP CONTENTS

11th October2025(Saturday)

- Transformative AI& Prompt Engineering
 - IBM/Google AI servers
 - No-code tools: Replit, WinServ, Bolt, Hugging Face
 - RPA work flows for academic automation
- Edge AI
- Computer Vision
- Alin Cyber security
- Introduction to Quantum AI

12th October2025(Sunday)

- Assistive AI & Agentic Tools
 - Promptchainingandmulti-steplogic
 - Tools: IBM Cloud, Windsurf, Bubbie
 - 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

- Lang Chain with Retrieval- Augmented Generation(RAG)
- Multi modal AI

25th October2025(Saturday)

- QuantumAI Deep Dive
 - 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)

- GenerativeAI Applications
- Synthetic Data Creation for model training
- Showcase: Participant demos, prototypes, and startup ideas
- Combined valedictory session and certificate distribution



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (Autonomous)

**One Week FDP sponsored by AICTE IDEA Lab in
association with CSE & IT Departments**

ON

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

Registration Form

1. Name:.....
2. HighestQualification:.....
3. Designation:.....
4. Organization:.....
5. Address:.....
.....
6. MobileNo:.....
7. EmailID:.....

SignatureoftheParticipant

SignatureoftheHoD

ABOUT CBIT (AUTONOMOUS)

Chaitanya Bharathi Institute of Technology is one of the premier Engineering Colleges in the self-financing category in the state of Telangana established in the year 1979. The college offers 11 UG and 10 PG Programmes. The Institute has become Autonomous under UGC w.e.f. 2013-14. UG Programmes are accredited by NBA in the year 1998, 2004, 2008, 2013, 2017, 2022 and Five PG Programmes have been accredited by NBA in 2020. The Institute is accredited by NAAC with CGPA of 3.59 on seven-point scale at 'A++' grade in 2023 for five years. CBIT(A) ranked in the rank band 150-200 in Engineering Category under National Institutional Ranking Framework (NIRF), Govt. of India, MHRD. The College Campus is spread across 50 acres.



The AICTE IDEA Lab at CBIT promotes innovation and hands-on learning in emerging technologies, empowering students and faculty to turn ideas into impactful solutions. The Department of CSE started its B.E. program in 1985 with 20 students and now accommodates 300. The M.Tech program was introduced in 2002 and later expanded in 2011. The department, supported by well-equipped labs, received its first NBA (AICTE) accreditation in 1998 and has been reaccredited in every cycle, most recently in 2024. The Department of IT was established in 2001 with an intake of 60 students and currently accommodates 180. With strong academic culture and modern labs, the B.E. (IT) program received its first NBA accreditation in 2007 and has been consistently reaccredited in subsequent cycles.

ABOUT THE FDPP

The One-Week Faculty Development Program (FDP) on "Transformative AI, Assistive & Agentic AI, Quantum AI, Conversational AI, and Edge AI for Innovation, Entrepreneurship, and Start-ups" aims to equip faculty, researchers, and students with cutting-edge knowledge and practical skills in emerging areas of Artificial Intelligence. This program will explore how modern AI paradigms are reshaping industries, enabling inclusive technologies, and driving innovation-led entrepreneurship. The FDP will include expert lectures, hands-on lab sessions, interactive discussions, and startup-oriented case studies focused on real-world applications of AI in various domains. By the end of the program, participants will gain deep insights into the potential of next-generation AI tools and frameworks to solve complex societal challenges and launch AI-powered ventures.

Resource Persons

Mr. Uma Maheswar Desu
CEO, GENAI PIONEER & Team

Venue: TPO-Lab1, Lab2, Lab3, Lab4

External participants (IDEA Labs, MSMEs, Student Innovators), registration fee Rs 500.

Registration Link:

<https://forms.gle/UWrq4hgcmSPwHX598>



Merchant Name : M/S. CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
AICTE IDEA LAB PROJECT
Mobile Number : 8466997217



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Start-ups**

11th, 12th, 18th, 19th, 25th, 26th October 2025
Saturday (offline mode)
Sunday (Hybrid Mode) & 4:30pm to 6:30pm
tutorials (online)

Organized by
AICTE-IDEALab and CSE & IT
Departments

**Chaitanya Bharathi Institute of Technology
(Autonomous)**

Affiliated to Osmania University,
Accredited by NAAC A++,

Kokapet(V), Gandipet(M), Hyderabad-75,
Telangana State, India.