

### CHIEF PATRON

**Sri. N. Subash**

President, CBIT (A)

### PATRON

**Prof. C. V. Narasimhulu**

Principal, CBIT (A)

### COORDINATOR

**Dr. China Ramu S**

Professor Department of CSE

**Dr. Kolla Morarjee**

Associate Professor, Department of CSE

**Dr. G. Kiran Kumar**

Associate Professor, Department of CSE

### CO-COORDINATORS

**Dr. G. Vanitha**, Associate Professor, CSE

**Smt. S. Durga Devi**, Assistant Professor, CSE

**Smt. Isha Padhy**, Assistant Professor, CSE

**Dr. M. Anila**, Assistant Professor, CSE

### ADVISORY COMMITTEE

**Prof. K. Krishnaveni**, Vice-Principal - Academics, CBIT

**Prof. P. V. Ravindra Reddy**, Vice-Principal - Admn, CBIT

**Prof. P. Ravinder Reddy**, Director, R & E, CBIT

**Prof. Umakanta Choudhary**, Advisor, I & I, CBIT

**Prof. A. D. Sarma**, Advisor, R&D, CBIT

**Prof. N. V. Koteswara Rao**, Director IQAC, CBIT

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**Prof. P. Prabhakar Reddy**, Director, Academics, CBIT

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

**Prof. B. Linga Reddy**, Director, SAP, CBIT

**Dr. N. L. N. Reddy**, Advisor, CDC, CBIT

**Prof. M. Swamy Das**, CSE, CBIT

**Prof. Raman D**, CSE, CBIT

**Prof. R. Ravinder Reddy**, CSE, CBIT

**Dr. Vinit Gunjan**, Chairman, IEEE Computer Society  
Hyderabad Section

### ORGANIZING COMMITTEE

All Staff of CSE

### STUDENT ORGANISING COMMITTEE

**Kotagiriwar Sriya, Narendra Indu Priya, G.Mani Varsha,**  
**Pragallapati Saketh, Saketh Vemulapati, M.Harsh Kumar,**  
**IEEE CS SBC, CBIT**

### Resource Persons

• **Dr. Sriparna Saha**

Associate Professor, Department of CSE, IIT Patna

• **Dr. Chalavadi Vishnu**

Assistant Professor, Department of CSE, IIT Tirupati

• **Prof. Gunjan Mansingh**

Professor, Department of Computing, The University of the  
West Indies, Kingston, Jamaica

• **Dr. Shirina Samreen,**

Associate Professor, College of Computer and Information  
Sciences, Majmaah University, Al Majmaah, Saudi Arabia

• **Dr. Lov Kumar**

Assistant professor, Department of Computer Engineering, NIT  
Kurukshetra

• **Dr. Sreenivasulu Madichetty**

Manager-Data Science, Publicis Sapient, Hyderabad

• **Sri Srinivas Mallampati**

Founder & CEO TechyBees EduCon Private Ltd.

• **Sri Sateesh Ambesange**

CEO, Pragyan- AI, Bengaluru

• **Dr. D.L.S. Reddy,**

Associate Professor, Department of AIDS, CBIT

• **Dr. B. Swathi Sowmya**

Assistant Professor, Department of IT, CBIT

### Intended Participants

Faculty, Research Scholars, Students, and Industry  
Professionals.

### Registration fee:

- Rs. 200 for Faculty
- Rs. 150 for Research Scholars & Students
- Rs. 400 for others

80% Attendance is mandatory for receiving FDP  
Participation Certificate

### QR Code for Payment:



### Registration Link:

<https://forms.gle/pUhTo56sHgJVrh8i8>

Last Date for Registration: 17-05-2025

For Registration & Other Details

Contact: Dr. M. Anila

Mobile No: +91 95023 78201

Email ID: anila\_cse@cbit.ac.in



## CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (Autonomous)

### A Two-Week online Summer School

on

### “Generative AI and Large Language Models”

19<sup>th</sup> May, 2025 – 30<sup>th</sup> May, 2025

### Registration Form

1. Name: .....
2. Highest Qualification: .....
3. Designation: .....
4. Organization: .....
5. Address: .....  
.....
6. Mobile No: .....
7. Email ID: .....

Signature of the Participant

Signature of the Sponsoring Authority

## 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.



## ABOUT CSE DEPARTMENT

The Department of CSE was started in the year 1985 with an intake of 20. The intake was gradually increased to 300 with five sections. Department started M. Tech. program in the year 2002 and currently running with an intake of 24. CSE Department is a recognized research center under Osmania University. B.E. (CSE) Program was accredited by the NBA for the first time in the year 1998 with 'A' grade for 3 years and being successfully accredited.

The Department has committed and well qualified staff. The faculty is active in publishing their research work in various Conferences / Journals. It has been conducting various workshops and certification programs including

Microsoft and IBM, professional activities in collaboration with CSI, ISTE along with student branches of IEEE and CSI.

## ABOUT THE WORKSHOP

This workshop on Generative AI Fundamentals and Applications offers a comprehensive exploration of the foundational concepts, models, and real-world implementations of Generative AI. Participants will gain a deep understanding of generative models such as GANs, VAEs, and Transformers, and learn how they power innovations across text, image, and application domains. Participants will learn to:

- Develop and deploy AI-powered applications using LangChain and Retrieval-Augmented Generation (RAG)
- Explore Diffusion models in generative vision applications
- Leverage cloud platforms like AWS, Azure, and Google Vertex AI for scalable AI solutions
- Use ChatGPT for productivity, coding, content generation, and customer service
- Apply Prompt Engineering and Parameter-Efficient Fine-Tuning (PEFT) for optimizing LLM performance

## WORKSHOP CONTENTS

- Generative AI Fundamentals and Applications
- GANs and VAEs
- Python with Generative AI and Applications of GANs and VAEs
- Attention Mechanism and Transformer-based Generative Models
- Large Language Models (LLMs)
- Experiment with OpenAI's GPT models for Text Generation and Classification
- Case Study: Generative AI for Personalized Learning
- GenAI for Vision
- Prompt Engineering and Parameter-Efficient Fine-Tuning (PEFT)



## CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (Autonomous)

### Department of Computer Science and Engineering

In Association with

IEEE Hyderabad Section Computer Society Chapter



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Chaitanya Bharathi Institute of Technology  
(Autonomous)

Affiliated to Osmania University,

Accredited by NAAC A++,

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