

ABOUT CBIT (AUTONOMOUS)

Chaitanya Bharathi Institute of Technology (CBIT) 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 & PG Programmes are accredited by NBA. The Institute is accredited by NAAC with 'A++' grade in 2023 for five years. CBIT (A) ranked in the rank band 151-200 in Engineering Category under National Institutional Ranking Framework (NIRF), Govt. of India, MHRD.



ABOUT CSE (AI&ML) DEPARTMENT

Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning) established in 2020 at CBIT and offers two UG Programs. B.E CSE(AI&ML) started in the year 2020-21 with an intake of 60 seats and B.E(AI&ML) in the year 2021-22 with an intake of 60 seats. B.E CSE(AI&ML) programme combines CSE with functional and operational aspects of AIML. The CSE (AI & ML) Department has well-equipped laboratories with the necessary software and a team of committed, qualified, and well-trained staff to support the teaching and learning process.

Department of CSE(AI&ML) is consistently exploring the trending curriculum, teaching and learning practices providing scope for the students to acquire knowledge and exploring better opportunities for those aiming for admissions in prestigious institutions for their higher studies. Department have been conducting Workshops, FDP's, STTP's for up-skilling the knowledge. Department provides an opportunity to the students to abreast in emerging technologies.

ABOUT THE IFDP

This IFDP program is designed to provide participants with the essential theoretical and practical knowledge in Next-Gen AI for a Sustainable Future: LLMs, RAG, and Agentic Systems empowering them with the skills necessary to navigate and teach in these rapidly evolving fields.

Who can attend?

Faculty, Research Scholars, UG & PG Students and Industry Professionals.

Registration Fee:

- **Rs.301** for Faculty
- **Rs.201** for Research Scholars, UG & PG Students
- **Rs.501** For others
- **10 Dollars** for Abroad
- **Free** for CBIT Faculty and Students

For Registration & Other Details:

Contact: **Dr.Garlapati Narayana** Associate Professor
Mobile No: 9505743404
Email ID: narayanag_cseaiml@cbit.ac.in

Dr. Y.C.A.Padmanabha Reddy Associate Professor
Mobile No: 9000932271

For Online Registration:
<https://forms.gle/FU8FPTjQJLD4tE1h8>

Last Date for Registration: 20-06-2026



Timings & Schedule:

The Detailed Schedule will be sent to the Registered Participants.

- **80% Attendance is mandatory for receiving IFDP Participation Certificate.**



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

One-Week International FDP (IFDP) on "Next-Gen AI for a Sustainable Future: LLMs, RAG, and Agentic Systems"

From
22nd – 27th June, 2026
In Association with



Organizing by

Department of CSE (AI&ML)
Chaitanya Bharathi Institute of Technology
(Autonomous)

Affiliated to Osmania University,
Accredited by NAAC A++ Grade,
Kokapet (V), Gandipet (M), Hyderabad-75,

CHIEF PATRON

Sri. N. Subash

President, CBIT (Autonomous)

PATRON

Prof. C. V. Narasimhulu, Principal

CBIT (Autonomous)

CONVENER:

Dr. Y. Ramadevi, Professor & Head

COORDINATORS:

Dr. Garlapati Narayana, Associate Professor

Dr. Y. C. A. Padmanabha Reddy, Associate Professor

CO-COORDINATORS:

Dr. K. Prabhakar, Professor

Dr. K. Mary Sudha Rani, Assistant Professor

Mrs. G. Kavita, Assistant Professor

Dr. D. Naga Jyothi, Assistant Professor

ADVISORY COMMITTEE:

Prof. P.V.R. Ravindra Reddy, Vice Principal, Administration

Prof. K. Krishnaveni, Vice Principal, Academics

Prof. N. V. Koteswara Rao, Director-IQAC

Prof. Suresh Pabboju, Director- AEC & CoE

Prof. P. Prabhakar Reddy, Director- Academics

Prof. B. Linga Reddy, Director-Students Affairs & Progression

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

Prof. U.K Chaudhary, Director - Innovation & Incubation

Prof. P.Srinivasa Sarma, Advisor-CCA

Dr. N.L.N. Reddy, Advisor-CDC (Career Development Cell)

C. S. R. Prabhu, Director General of NIC (Retd.) & Chairperson,
ACM Hyderabad Deccan Chapter

Dr. G. N. R. Prasad, Public Relations Officer, CBIT

ORGANISING COMMITTEE

Dr.B.Sateesh, Assistant Professor

Dr.B.Swathi Sowmya, Assistant Professor

Mr.Panigrahi Srikanth, Assistant Professor

Mr. N.V. Krishna Rao, Assistant Professor

Ms. Golla Baby Lakshmi Prasanna, Assistant Professor

Mrs. Ramya Thavva, Assistant Professor

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Mrs. Narala Swarnalatha, Assistant Professor

Mr. Kurkiyala Premchand, Assistant Professor

Ms. Akshara Gujjari, Assistant Professor

Mrs. R. Lavanya, Assistant Professor

Mr. Nagendra Prasad, Assistant Professor

Mr. R. Anand Raj, Asst. Programmer

Mr. Lokesh Mariserla, Computer Operator

Mrs. B. Shirisha, Computer Operator

Mrs. Sushmitha Heerekar, Computer Operator

Mr. N. D. Ramesh, DEO as Jr. Assistant

RESOURCE PERSONS (Tentative)

Dr. Veera Mallu Boddu, Sr. Scientist, Govt.of USA.

Dr. Prasad Chetty, Professor, DBU, USA

Dr. V Suresh Babu, Tech Lead Data Scientist, London, UK

Dr. Ratan Lal, Professor, NorthWest Missouri State University, USA

Mr. Ch. Murali Krishna, S/W Engineer, NC, USA

Dr. G.N. Vivekanada, Associate Professor, VIT, TN

Dr. Harsha Varun VSGS, Founder & CEO, Cadra

Dr. Akkem Yaganteeswarudu, Senior Data Scientist, Deloitte

Dr. V. Barla, Advisor, Industrial&International Collaborations,CBIT

Dr. E. Damodar Reddy, Associate Professor, NIT-Goa.

Dr. Y Ramadevi, Professor& Head, CSE(AI&ML),CBIT

Dr. Y.C. A. Padmanabha Reddy, Associate Professor

TOPICS TO BE COVERED in IFDP

Day 1: LLM Foundations

Session 1: AI&ML Through Pictures — visual introduction to Generative AI & LLMs, architecture, transformers, latest models

Session 2: Application of AI&ML in research and publications in USA(case studies using LLMs & Agentic Systems)

Day 2: Prompt Engineering & Fine-tuning

Session 3: Prompt Engineering + Fine-tuning vs RAG vs LoRA/PEFT trends

Session 4: Hands-on Session on Prompt-based app

Day 3: RAG Frameworks – Basics

Session 5: Hands-on – Sustainability-focused RAG app

Session 6: RAG Fundamentals, embeddings, vector DBs (Pinecone, Chroma, FAISS)

Day 4: RAG Frameworks – Advanced

Session 7: Advanced RAG – chunking, reranking, GraphRAG, evaluation

Session 8: Developing & Productizing Agentic AI systems

Day 5: Agentic AI Systems

Session 9: Building Autonomus AI Agents and Agentic Workflows

Session 10: Hands-on session on Multi-agent system (CrewAI/AutoGen/LangGraph) & Productizing Agentic AI Systems

Day 6: Sustainability & Capstone

Session 11: The Agentic Classroom:Redefining Pedagogy with Generative AI and Intelligent Agents

Session 12: Capstone Presentations & Valedictory