

CHIEF PATRON

Sri. N. Subash

President, CBIT (A)

PATRON

Prof. C. V. Narasimhulu

Principal, CBIT (A).

CONVENER

Prof China Ramu S

Head, Department of CSE

COORDINATOR

Dr Uma Maheswari V

Associate Professor, Department of CSE

Dr. China Ramu S

Professor Department of CSE

Dr. V. Padmavathi

Associate Professor, Department of CSE

CO-COORDINATORS

Dr Anila M, Assistant Professor, CSE

Mrs G Shanmukhi Rama, Assistant Professor, CSE

Mr Venkata Siva Rao A, 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

Prof. Suresh Pabboju, Director, AEC, CBIT

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 R Reddy, CSE, CBIT

ORGANISING COMMITTEE

Mrs Swathi E, Assistant Professor, CSE

Mrs Isha Padhy, Assistant Professor, CSE

Sri Chittaboina Raju, Computer Operator

Resource Persons

- **Dr. Mayuri Mehta**

Xplainable AI, Professor, Sarvajanic College of Engineering and Technology

- **Syamasundar Santosh Kumar Gopasana**

Quantum and AI Tech. Innovation @ Accenture India

- **Mr. Kameshwara Pavan Kumar Mantha**

Principal Software Engineer, ORBCOMM.

- **Santosh Chapaneri**

Lead Data Scientist, Wolters Kluwer | Ex - Microsoft (USA) | MS - Univ. of Arizona

- **Prathamesh Tugaonkar**, Principal Software Engineer, Plevenn.

- **Dr Sudeep Tanwar**, Professor & Head, CSE, Nirma University

- **Dr Rajesh Gupta**, Nirma University

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/Qun4XWNywooC2JKM7>

Last Date for Registration: 18-04-2025

For Registration & Other Details

Contact: Mr Venkata Siva Rao A

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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (Autonomous)

One Week National Level
Faculty Development Programme
(Online Mode)

On

The AI beyond Frontier: Recent Breakthroughs and Next-Gen Prospects

21st – 25th April, 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 180 with three sections. Department started M. Tech. program in the year 2002 with an intake of 18 and increased to 36 in 2011. 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 FDP

Artificial Intelligence (AI) is sprouting rapidly and driving innovations in industries and research. The Faculty Development Program (FDP) on "The AI Beyond Frontier: Recent Breakthroughs and Next-Gen Prospects" aims to provide insights into Generative AI, Explainable AI, Edge AI, and Quantum AI etc. Recent advancements, such as GPT-4, Gemini, and AI-driven automation etc., are transforming fields like healthcare, finance, and cybersecurity. This FDP will explore Large Language Models (LLMs), reinforcement learning, Quantum AI, and edge AI, along with ethical concerns like bias mitigation and responsible AI. Participants will engage in hands-on sessions with AI tools such as TensorFlow, PyTorch, RAG, and Hugging Face to gain practical experience. Additionally, discussions on latest topics Swarm Intelligence, AI-powered robotics, and next-gen AI applications will highlight future research opportunities. The program will foster collaboration, encourage research, and ensure professionals stay updated with AI's evolving landscape.

FDP CONTENTS

- AI evolutions in real-time applications and scope in future
- Generative AI and its applications in various fields
- Explainable AI and Trustworthy AI for the modern applications
- Edge AI and On-device processing
- Quantum AI and its future applications
- Advanced Gen AI and model fine tuning
- Autonomous AI agents and multi agent systems.
- Private AI and its implementation for more security and privacy preservation.



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Organized by

Department of Computer Science and Engineering

Chaitanya Bharathi Institute of Technology
(Autonomous)

Affiliated to Osmania University,

Accredited by NAAC A++,

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