

### CHIEF PATRON

**Sri. N. Subash**  
President, CBIT(A)

### PATRON

**Prof. C. V. Narasimhulu** Principal,  
CBIT(A)

### HEAD OF THE DEPARTMENT

**Prof. R. Madana Mohana**, Professor

### CONVENER

**Dr. Y. Rama Devi**  
Professor, Department of AI & ML

### CO-CONVENER

**Dr. J. Manoranjini**  
Associate Professor, Department of AI & ML

### COORDINATORS

**Mrs. K. Mary Sudha Rani**, Assistant Professor  
**Mrs. D. Naga Jyothi**, Assistant Professor  
**Mrs. T. Ramya**, Assistant Professor

### ADVISORY COMMITTEE

**Prof. Umakanta Choudhary**, Advisor I & I, CBIT (A)  
**Prof. Sarma A.D.**, Advisor, R&D, CBIT (A)  
**Dr. N..L..N. Reddy**, Advisor CDC, CBIT (A).  
**Prof. Suresh Pabboju**, Director AEC, CBIT (A)  
**Prof. P. Ravinder Reddy**, Director, R&E, CBIT (A)  
**Prof. M. Sushanth Babu**, Director, Academics, CBIT (A)  
**Prof. N. T. Rao** Director IQAC, CBIT (A)  
**Prof. P. V. R. Ravindra Reddy**, Director Student Affairs, CBIT (A)  
**Prof. C. S. R. Prabhu**, Director General of NIC (Retd.) &  
Chairperson, ACM Hyderabad Deccan Chapter  
**Dr. Muniraju Naidu**, Vice-Chair, ACM Hyd. Deccan Chapter

### ORGANISING COMMITTEE

**Dr. Prabhakar Kandukuri**, Professor  
**Dr. Garlapati Narayana**, Associate Professor  
**Mrs. G. Kavita**, Assistant Professor  
**Mrs. Shastrula Pallavi**, Assistant Professor  
**Mr. Medikonda Asha Kiran**, Assistant Professor  
**Mrs. Gadicherla Sirisha**, Assistant Professor  
**Mr. M. Sathyanarayana**, Assistant Professor  
**Mr. R. Anand Raj**, Asst. Programmer  
**Mr. G. Siddhartha**, Computer Operator  
**Mr. N. D. Ramesh**, Jr. Assistant

### Resource Persons

**Prof. K. Narayana Murthy & Team**, UoH  
**Dr. Anand Kumar M**, NIT Surathkal.  
**Dr. Manu Madhavan**, IIIT Kottayam.  
**Dr. Daniel Jadi**, Providence India.  
**Dr. Srinivasulu Madichetty**, Senior AI Engineer,  
Centific, Hyderabad  
**Dr. S. Padmaja**, UCE, OU.  
**Dr. Amrit Krishna**, Staff Scientist Uniphore  
**Prof. Rama Krishna Kolikipogu**, Head CHNMS,  
CBIT(A)  
**Mrs. K. Mary Sudha Rani**, Department of AIML  
**Mrs. I. Srujana**, Department of CSE, CBIT (A)  
**Dr. G. Vanitha**, Department of CSE, CBIT (A)

### Intended Participants

**Faculty, Research Scholars, PG Students, and  
Industry Professionals**

### Registration Fee:

- **Rs. 300** for Faculty,
- **Rs. 200** for Research Scholars & PG Students,
- **Rs. 500** For others

**80% Attendance is mandatory for receiving FDP  
Participation Certificate**

### QR CODE for Payment



### Registration Link:

<https://forms.gle/ZpSoemhPuK1YDTxs8>

**Last Date for Registration: 25-01-2024**

**For Registration & Other Details,**

**Contact: Mrs. K. Mary Sudha Rani,**

Mobile No: 9553404801

Email ID: [kmarysudha\\_cseaiml@cbit.ac.in](mailto:kmarysudha_cseaiml@cbit.ac.in)



**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**

**One Week National Level Faculty  
Development Programme (Hybrid Mode)**

On

**Research Advancements**

in

**Natural Language Processing**

**29<sup>th</sup> January – 2<sup>nd</sup> February, 2024**

In Technical Association with  
**ACM Hyderabad Deccan Chapter**

### Registration Form

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

## 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 AI&ML DEPARTMENT

Department of Artificial Intelligence and Machine Learning established in 2020 at CBIT (A) and offers two UG Programs. BE (CSE-AIML) started in the year 2020-21 with an intake of 60 seats and BE (AIML) in the year 2021-22 with an intake of 60 seats. BE (CSE-AIML) programme combines CSE with functional and operational aspects of AIML. AIML department has well equipped laboratories with necessary software's and committed, qualified well trained staff for teaching/learning process.

Department of AIML is consistently exploiting 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 FDP

The integration of Artificial Intelligence, Machine learning and NLP creates powerful systems capable of understanding, processing, and generating human language, enabling a wide range of applications across different industries. Ongoing research continues to push the boundaries of what is possible in the realm of intelligent language processing. This FDP aims to provide an invaluable opportunity for faculty members and researchers to expand their horizons in NLP. It also helps to identify future research needs in interdisciplinary emerging areas.

## FDP CONTENTS

1. Research Trends in NLP
2. Text Processing and classification
3. Machine Translation
4. Vector-Space Model.
5. Text Summarization
6. Large Language Models
7. Generative AI
8. CASE Studies



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On

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Organized by

### Department of Artificial Intelligence and Machine Learning

**Chaitanya Bharathi Institute of Technology  
(Autonomous)** Affiliated to Osmania University,  
Accredited by NAAC A++ Grade,  
Kokapet (V), Gandipet (M), Hyderabad-75,  
Telangana State, India.