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Convener

Dr. K. Ramana, Head of AI&DS Dept.

Coordinators

1. Prof. K. Radhika
2. Dr. D. Lakshmi Srinivasa Reddy, Assoc. Professor
3. Dr. P. Srilatha, Assoc. Professor

Co-Coordiators

1. Smt. T. Satya Kiranmai, Asst. Professor
2. Smt. Sheena Mohammed, Asst. Professor
3. Dr. P. Samson Anosh Babu, Asst. Professor

Registration QR Code & Link



URL: <https://forms.gle/R5XJ9SmueFuy6sMy5>

Last Date for Registration: 22nd January 2024

Registration Fee

Rs. 500/- per participant

Address For Communication

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Coordinator
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**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY**

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COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

45

years

One Week National Level Faculty Development Program on Multi-Disciplinary Research Trends in Artificial Intelligence and Data Science

29th January - 02nd February 2024



Organized by
**Department
of
Artificial Intelligence and Data Science**

In Association with



About the College

CBIT is one of the premier Engineering Institutes in India, pioneer in Telangana State, which is at idyllic surroundings of Gandipet Lake, Hyderabad. The college offers Nine UG and Eleven PG programs. It has been standing as a temple of knowledge for the past 45 years by producing more than 25,000 eminent and skillful graduate engineers, who are successful in their careers, serving all over the globe. The Institute has been accredited by NAAC - UGC with 'A++' Grade and various programs are accredited by NBA - AICTE. The institution is UGC autonomous since 2013-14. Stringent academic standards, industry compliant teaching methodology, research projects from private and public sector organizations and consultancy practice enabled the Institute to establish its identity in the Technical Education and is ranked as one of the best amongst the private engineering colleges.

About the Department

Established in 2020 at CBIT, the Department of Artificial Intelligence and Data Science has experienced substantial growth. Initially enrolling 60 students, it now offers a comprehensive Undergraduate program in B.E. (Artificial Intelligence & Data Science) with 120 students and a specialized Postgraduate program in M.Tech. (Artificial Intelligence & Data Science) with 18 students. With 18 dedicated faculty members, including 2 Professors, 4 Associate Professors, and 12 Assistant Professors, the department ensures an enriching learning environment. Prioritizing experiential learning, the curriculum integrates hands-on instructions, research projects, internships, and project-based courses, fostering collaboration within interdisciplinary teams. Research areas encompass Algorithms, Artificial Intelligence, Image Processing, Pattern Recognition, Machine Learning, Data Mining, Big Data Analytics, and Computer Security. This aligns with the department's commitment to shaping the future through cutting-edge education and research initiatives.

Department Vision

To be a globally recognized center of excellence in the field of Artificial Intelligence and Data Science that produces innovative pioneers and research experts capable of addressing complex real-world challenges and contributing to the socio-economic development of the nation.

Department Mission

- To provide cutting-edge education in the field of Artificial Intelligence and Data Science that is rooted in ethical and moral values.
- To establish strong partnerships with industries and research organizations in the field of Artificial Intelligence and Data Science, and to excel in the emerging areas of research by creating innovative solutions.
- To cultivate a strong sense of social responsibility among students, fostering their inclination to utilize their knowledge and skills for the betterment of society.
- To motivate and mentor students to become trailblazers in Artificial Intelligence and Data Science, and develop an entrepreneurial mindset that nurtures innovation and creativity.

About the FDP

In the rapidly evolving landscape of technology, Artificial Intelligence (AI) and Data Science have emerged as transformative forces with profound implications for various disciplines. This FDP on "Multi-Disciplinary Research trends in Artificial Intelligence and Data Science" is designed to equip faculty members with the knowledge and skills necessary to navigate through the landscape of AI and Data Science, fostering a culture of innovation, collaboration and responsible use of technology in academia.

Objectives

- To equip participants with a deep understanding of the evolution, concepts, and advanced methodologies in AI and deep learning.
- To provide hands-on experience with AI tools and techniques focusing on application domains such as agriculture, healthcare, education, and cloud computing.

Outcomes

After completion of the FDP, participants will be able to

- Acquire advanced pedagogical skills for teaching AI and Data Science courses, including curriculum design that incorporates the latest industry trends and effectively mentor and guide student projects.
- Draft research proposals in AI and Data Science, aligning with current technological trends and funding agency requirements.
- Gain insights into the latest trends in AI like Private AI, along with discussions on ethical considerations and responsible use of AI technologies.

Emerging Areas to be covered

- ✦ AI to Deep Learning: A Road Map
- ✦ Emergence of AI and Data Science in Multi-Disciplinary Domains
- ✦ AI Tools for Research
- ✦ AI-Cloud based Processing
- ✦ AI in Robotics
- ✦ Private AI: The Future of AI
- ✦ AI for Agriculture Research
- ✦ AI for Brain Computing Initiation
- ✦ AI for Education

Intended Participants

Faculty/Industry Personnel/Ph.D. scholars/PG students

Resource Persons



Prof. P Ravinder Reddy
CBIT, Hyd



Prof. P. Radha Krishna
NIT, Warangal



Prof. P.V. Sudha
Osmania University



Dr. E. Damodar Reddy
NIT, Goa



Prof. K. P. Supreethi
JNTU, Hyd



Prof. K. Prafulla
Mahindra University



Dr. D. L. Sreenivasa Reddy
CBIT, Hyd



Dr. K. Ramana
CBIT, Hyd



Prof. A. Rajanikanth
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