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## Organizing Committee

### Convener

Prof. K. Radhika, Head of AI&DS Dept.

### Coordinators

1. Dr. Kadiyala Ramana, Associate Professor
2. Smt. Sheena Mohammed, Assistant Professor

### Co-Coordiators

1. Smt. Y. Swati Tejah , Assistant Professor
2. Smt. Kaneez Fatima, Assistant Professor

## Registration QR Code & Link



URL: <https://forms.gle/74yBhb844rwEreoU6>

Last Date for Registration: 16th August 2024

✦ Mandatory to Bring personal Laptop

## Registration Fee

Rs. 200/- per participant

## Address For Communication

Smt. Sheena Mohammed

Coordinator

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Student Coordinators

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**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY**

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COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

# 45

years

## Enhancing Digital Security: A two-day Workshop on Cyber Security

23<sup>rd</sup> & 24<sup>th</sup> August 2024



**Organized by**

**Department  
of  
Artificial Intelligence and Data Science**

## 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 Workshop

Discover the gateway to a secure digital future with our upcoming workshop on Cyber Security at CBIT. Designed to empower students with essential knowledge and advanced techniques, this workshop aims to educate participants on foundational principles and cutting-edge concepts in cyber security. Through hands-on sessions and real-world simulations, attendees will develop practical skills to identify, prevent, and respond to cyber threats effectively.

## Objectives

- Equip participants with foundational and advanced knowledge in cyber security to effectively identify and mitigate digital threats.
- Foster practical skills through hands-on experience and interactive sessions, empowering attendees to proactively protect digital assets and contribute to a secure digital environment.

## Outcomes

- Educate Participants: To impart foundational knowledge and advanced concepts in cyber security.
- Enhance Skills: To develop practical skills for identifying, preventing, and responding to cyber threats.
- Promote Awareness: To raise awareness about the importance of cyber security in various sectors.
- Hands-On Experience: To provide practical experience through interactive sessions and real-world scenarios.

## Emerging Areas to be covered

- ✦ Foundations of Cyber Security
- ✦ Advanced Topics and Practical Applications
- ✦ Cryptography and Data Protection
- ✦ Ethical Hacking, Penetration Testing,

## Intended Participants

Students of CBIT

### Resource Persons



**Sai Mahesh M**

Senior Manager,  
Security Engineering & Operations



**Sai Praneeth Thummanpally**

Security Specialist