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Organizing Committee

Convener

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

Coordinators

1. Dr. Sheena Mohammed, Asst. Professor
2. Mr. Naveen Raja SM, Asst. Professor

Co Coordinators

1. Dr. T Satya Kiranmai, Asst. Professor
2. Mrs. Swathi Tejah Yella, Asst. Professor
3. Mrs. Kaneez Fatima, Asst. Professor
4. Mrs. V Vasuki Rohinidevi,Asst Professor
5. Ms. Y. Pallavi, Ass.t Professor

Registration Link & Payment QR Code

URL: https://docs.google.com/forms/d/e/1FAIpQLSfcZ1AQ8Wdrt6xwMSf5tPU4x-s_O6b_v2DFco3T7hiui328tg/viewform?usp=dialog

Last Date for Registration: 26th January 2026

Registration Fee

Rs. 300/- per participant

Address For Communication

Mr.Naveen Raja SM
Mobile No: +91 7736687958
Email id: naveenrajasm_aids@cbit.ac.in

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
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COMPUTER SOCIETY OF INDIA ESTD. 1965

Detect, Defend, and Investigate

A Two-Day Cyber Security & Forensics Workshop

30th & 31st January 2026

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 it's 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 19 dedicated faculty members, including 1 Professor, 4 Associate Professors, and 14 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.

Program Educational Objectives

PEO1: Adapt emerging technologies of Artificial Intelligence & Data Science and develop state of the art solutions in the fields of Manufacturing, Agriculture, Health-care, Education, and Cyber Security.
PEO2: Exhibit professional leadership qualities to excel in interdisciplinary domains.
PEO3: Possess human values, professional ethics, application-oriented skills and engage in lifelong learning.
PEO4: Contribute to the research community to meet the needs of public and private sectors.

About The Workshopp

This workshop on Cyber Security and Digital Forensics at CBIT is designed to provide students with a foundational understanding of cyber security concepts, common cyber threats and vulnerabilities, principles of digital evidence, and the ethical and legal aspects of cyber investigations.

Objectives

1. Understand fundamental concepts of cyber security and digital forensics.
2. Identify common cyber threats, attacks, and vulnerabilities.
3. Explain basic principles of digital evidence and forensic investigation.
4. Recognize ethical and legal considerations in cyber investigations.

Outcomes

1. Demonstrate understanding of fundamental concepts and terminology related to cyber security and digital forensics.
2. Analyze common cyber threats, attack mechanisms, and system vulnerabilities to assess potential security risks.
3. Explain and apply basic principles of digital evidence handling and forensic investigation methodologies.
4. Evaluate ethical, legal, and professional considerations involved in cyber security practices and digital forensic investigations.

Emerging Areas to be covered

- Fundamentals of Cyber Security and Digital Forensics Cyber.
- Threats, Attacks, and Vulnerability Analysis Data Digital.
- Evidence and Forensic Investigation Techniques Ethical, Legal.
- Professional Aspects of Cyber Investigations.

Intended Participants

Students of CBIT

Resource Persons

Sai Mahesh M
Sr. Manager, Engg & Operations

Sai Praneeth Thummanpally
Senior Cyber Secutity Engineer

A Brief Report on "Detect, Defend, and Investigate: A Two-Day Cyber Security & Forensics Workshop"

Dates: 30/01/2026 to 31/01/2026

Organized By: Department of Artificial Intelligence and Data Science, CBIT in Association with CSI .

Venue: AI&DS LAB-1

Overview:

This workshop equipped participants with both foundational and advanced knowledge in cybersecurity and digital forensics, integrating practical threat prevention and response strategies with hands-on learning activities. The interactive sessions effectively prepared attendees to address real-world cybersecurity challenges with confidence.

Objectives:

1. Understand fundamental concepts of cyber security and digital forensics
2. Identify common cyber threats, attacks, and vulnerabilities
3. Explain basic principles of digital evidence and forensic investigation
4. Recognize ethical and legal considerations in cyber investigations

Topics Covered:

1. How the Internet Works
2. Introduction to Cybersecurity
3. Threats, Vulnerabilities & Attacks
4. Cybersecurity Teams & Domains
5. Wireshark – Network Visibility
6. Dark Web – Awareness & Risks
7. Introduction to Ethical Hacking
8. Basic Ethical Hacking Commands (Host discovery, port scanning, service detection)
9. Log Interpretation
10. Introduction to SIEM
11. Vulnerability Assessment
12. Introduction to Digital Forensics
13. AI in Cybersecurity
14. Career Roadmap & Guidance
15. Q&A, Feedback & General Discussion

Resource Persons:

1. **Sai Mahesh M** Senior Manager, Security Engineering & Operations. Senior Manager in Security Engineering & Operations with over 13 years of expertise in the semiconductor, service delivery, consulting and banking sectors
2. **Sai Praneeth Thummanpally**, Senior Cyber Security Engineer. He is a highly experienced He is a security specialist currently working at Bristol Myers Squibb in Hyderabad. With over 6 years of experience across diverse industries including semiconductor, chemical, EdTech, and pharmaceuticals

Participants: A total of **61 students** registered for the workshop, with active participation in all sessions.

Organizing Committee:

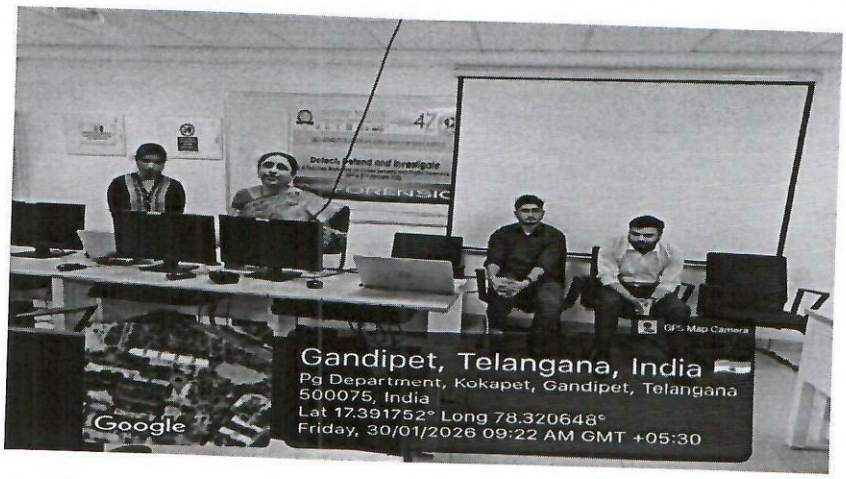
- **Convener:** Prof. K. Radhika, Head of AI&DS Dept.
- **Faculty Coordinators:** Dr Sheena Mohammed (Assistant Professor) and Mr. Naveen Raja SM (Assistant Professor)
- **Faculty Co-coordinators:** Dr. T Satya Kiranmayee (Assistant Professor), Ms Y. Swati Tejah (Assistant Professor), Ms Kaneez Fatima (Assistant Professor), Ms. V Vasuki Devi (Assistant Professor), Ms Y Pallavi (Assistant Professor)
- **Technical Assistants:** Ms. T. Vijaya, Ms. Y Bhanu Teja.
- **Student Coordinators:** Deekshita M (AI&DS 2), Vinuthna (AI&DS 2)

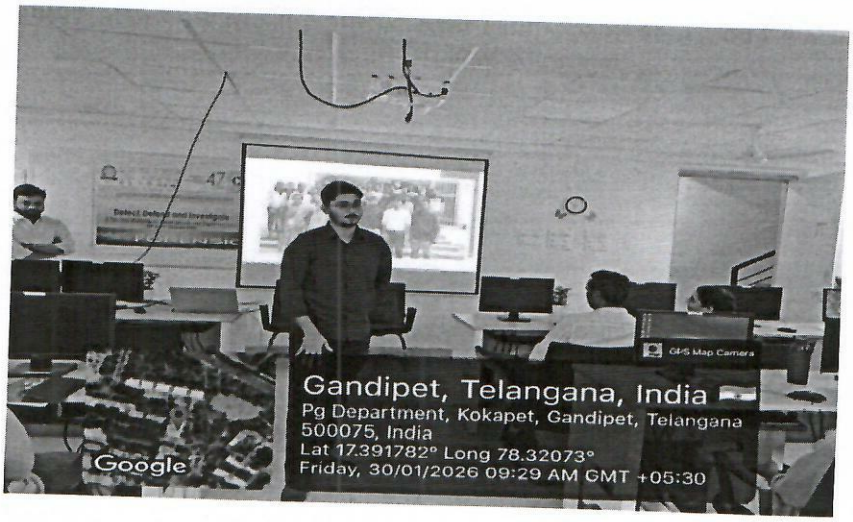
A group picture with the HOD, Resource Persons, Faculty Coordinators and the Participants

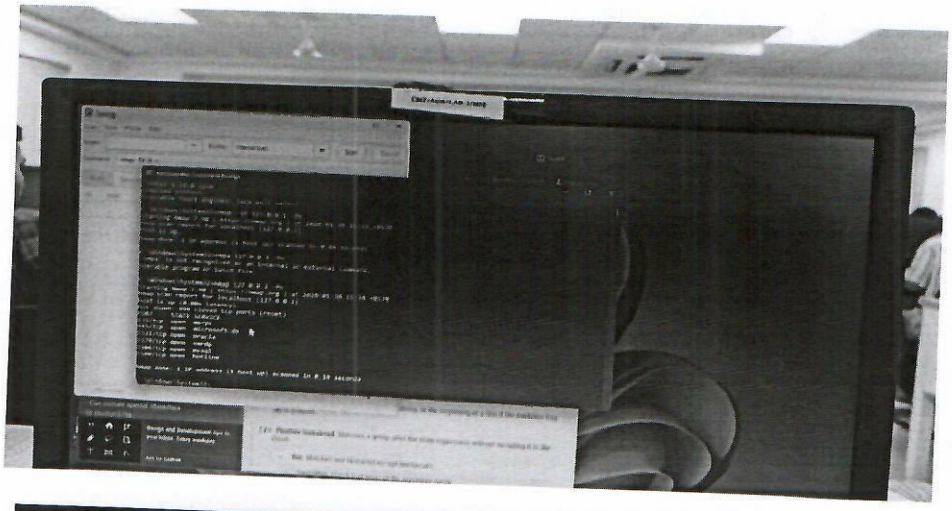
Key Outcomes:

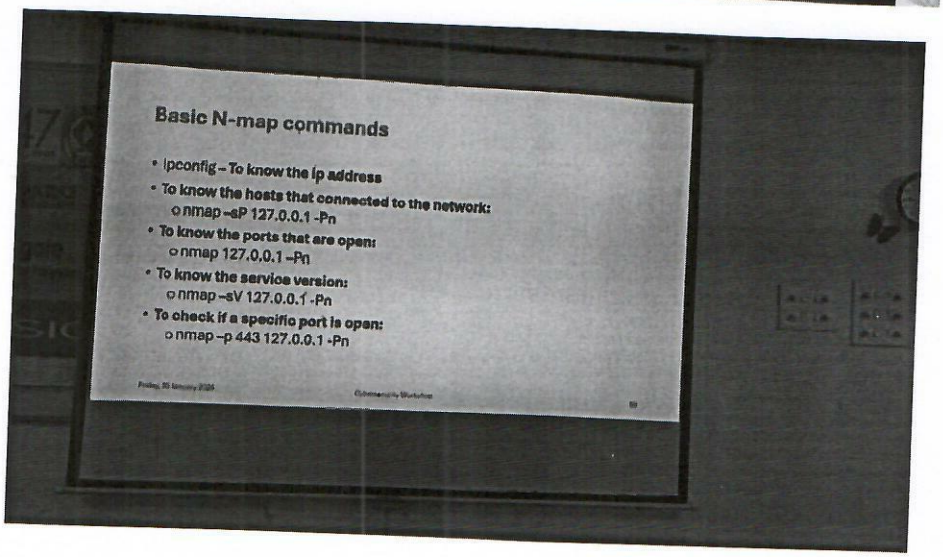
- Understand how the internet works and how cyber attacks exploit network communication.
- Identify common cybersecurity threats, vulnerabilities, and attack techniques.
- Gain hands-on exposure to industry-standard cybersecurity tools.
- Understand log analysis, SIEM concepts, and basic alert investigation.
- Learn the fundamentals of vulnerability assessment and digital forensics.
- Develop awareness of ethical, legal, and responsible cybersecurity practices.
- Gain clarity on cybersecurity career paths and required skills.

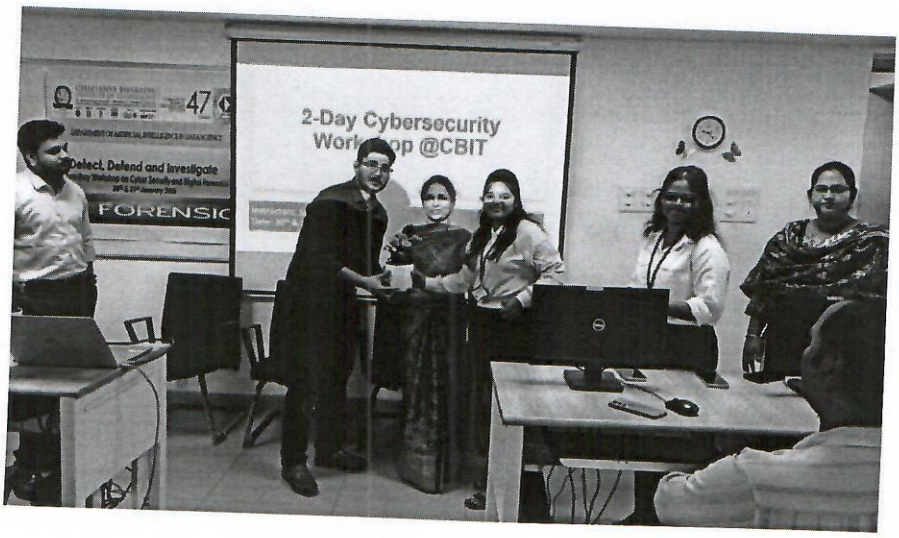
Participants learnt how to use Splunk ,Kali Linux, Wireshark and Various other Platforms








Basic N-map commands
• Ipconfig – To know the ip address
• To know the hosts that connected to the network:
o nmap –sP 127.0.0.1 -Pn
• To know the ports that are open:
o nmap 127.0.0.1 –Pn
• To know the service version:
o nmap –sV 127.0.0.1 -Pn
• To check if a specific port is open:
o nmap –p 443 127.0.0.1 -Pn


2-Day Cybersecurity
@CBIT
Detect, Defend and Investigate
FORENSIC

News-paper clipping

CBIT Hosts Two-Day Cyber Security Workshop

DECCAN NEWS SERVICE
HYDERABAD

The Department of Artificial Intelligence and Data Science at Chaitanya Bharathi Institute of Technology (CBIT), Gandipet, successfully conducted a Two-Day Workshop on Cyber Security and Digital Forensics for students on 30th and 31st January 2026, with strong support from the College Management.

Organized under the leadership of Prof. C. V. Narasimhulu, Principal, CBIT, the workshop aimed to enhance students' awareness and practical understanding of cyber security challenges and digital forensic investigation techniques.

The technical sessions were delivered by Mr. Sai Mahesh M, Senior Cyber Security Engineer, and Mr. Sai Praneeth Thummanpally, Senior Manager – Engineering & Operations, who shared industry insights, real-time cybercrime case studies, and practical approaches to cyber defense and digital investigations.

Key topics included fundamentals of cyber security, cyber threats and vulnerabilities, digital evidence handling, forensic investigation methodologies, and ethical and legal aspects of cyber investigations. Students actively participated in discussions and hands-on sessions, gaining practical exposure to contemporary cyber security challenges.

The workshop was convened by Prof. K. Radhika, Head of the Department, and coordinated by Dr. Sheena Mohammed and Mr. Naveen Raja SM, Assistant Professors, with support from faculty members and technical assistants, ensuring smooth execution of the program.

The event received an enthusiastic response from students and was praised for equipping them with essential skills required in today's digitally connected world, highlighting CBIT's commitment to practical, industry-relevant education in emerging technologies.

The wrapping up session included feedback from students:

I asked my father to send the money for this workshop. He mentioned that since I am an A-grade student, I should take the opportunity seriously. During the discussion, when he asked what we had shared, I explained that we were instructed not to disclose personal information, especially phone numbers. When I informed him about this, he understood and appreciated the importance of privacy.

Overall, the session was very useful. I gained valuable information, and it was definitely worth attending.

Thank You,

A. UDHAY REDDY

Before the workshop, I had only a basic understanding of cybersecurity. I knew generally what it was, but not how it actually works in real-world applications. After attending the workshop, I gained a much clearer understanding of the field and its practical importance. I also realized how widely cybersecurity is used across different industries, which increased my interest in potentially working in this area in the future.

The session was a very valuable learning experience for me. I appreciated the teaching approach, as the concepts were explained clearly and in a way that can be applied beyond this workshop, even in other academic and personal contexts. I learned a great deal, and my perspective has changed significantly.

Previously, I believed that I could excel in multiple domains at the same time, but the feedback and guidance provided during the workshop helped me view this from a different perspective. It encouraged me to reflect more deeply on focus, growth, and career direction.

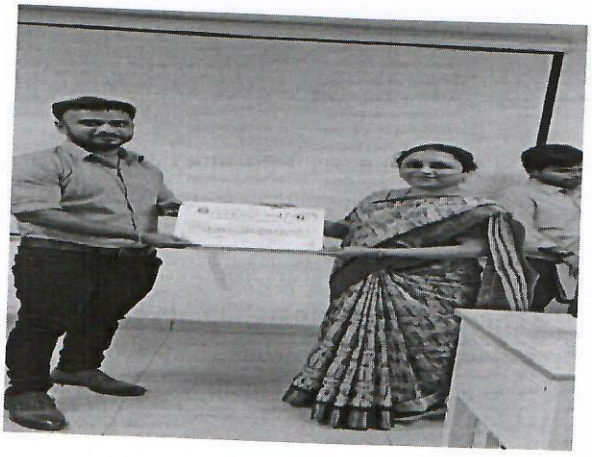
Overall, this experience reinforced the importance of stepping out of our comfort zones and exploring new opportunities. Even learning one new concept can change how we see our future. The workshop was truly impactful, and I found it to be an excellent learning experience.

Thank you,

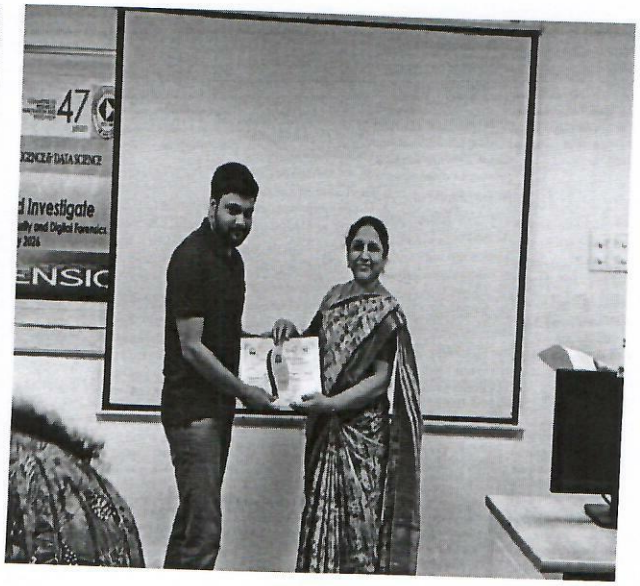
MANIKANTA

The workshop wrapped up on a high note with a **Certificate Distribution Ceremony**, where participants received recognition for their active involvement. Certificates were also provided to the Resource Persons and the coordinators for their immense hard work and commitment towards the event. It was followed by insightful feedback shared by both students and faculty, as well as the resource persons. The event concluded with a **Vote of Thanks**, marking the successful end of the two-day session. The experience gave students a hands-on opportunity to dive into the world of cybersecurity and digital forensics, equipping them with the skills and knowledge to handle real-world challenges in the digital space.

CERTIFICATES FOR FACULTY COORDINATORS

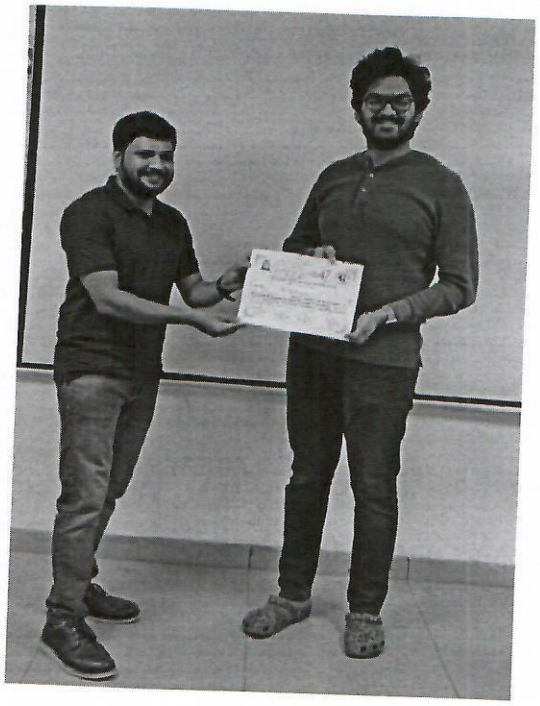


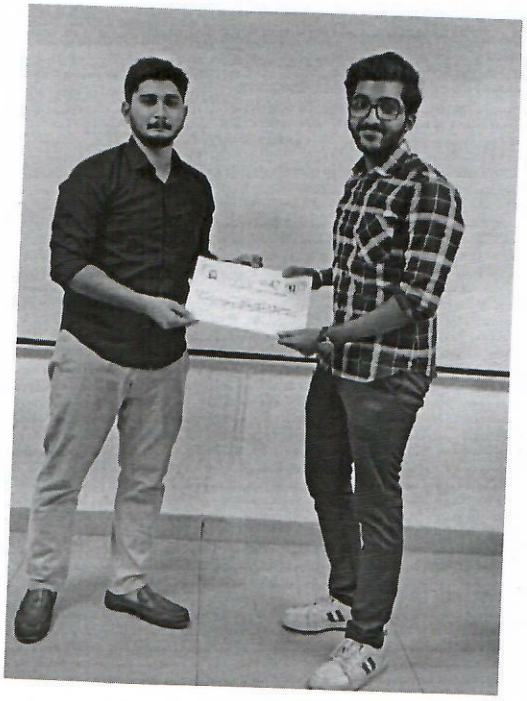
CERTIFICATES FOR RESOURCE PERSONS

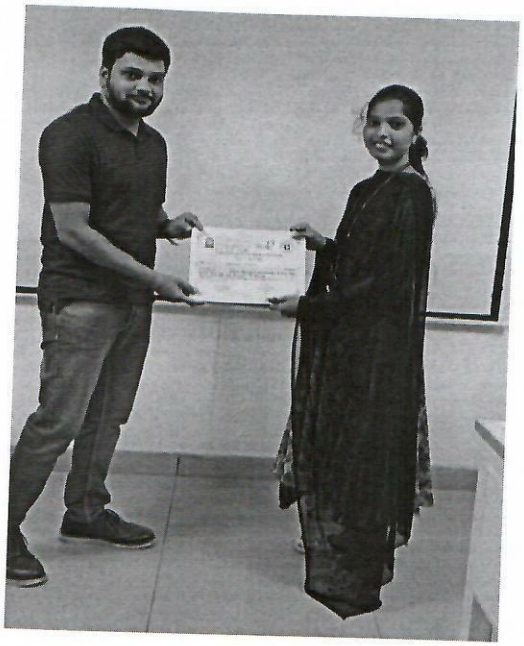


DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

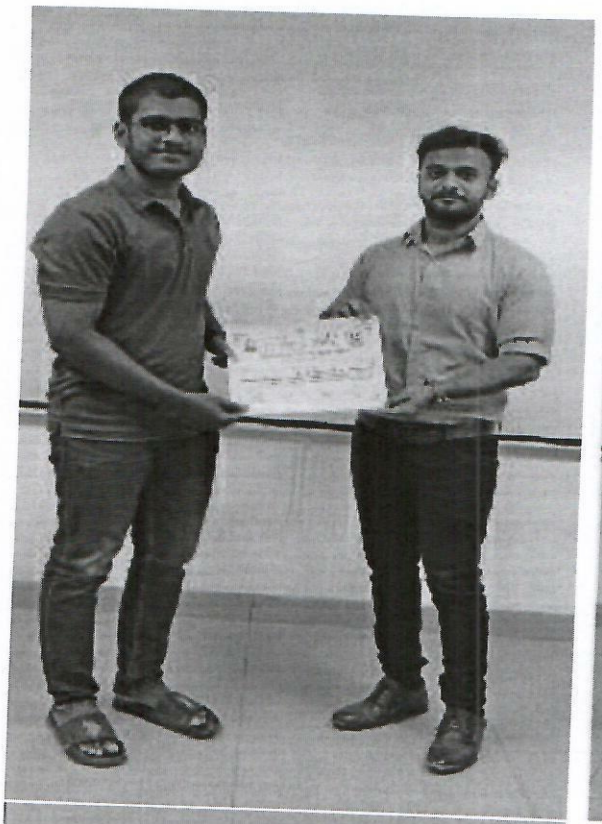
CERTIFICATES FOR PARTICIPANTS

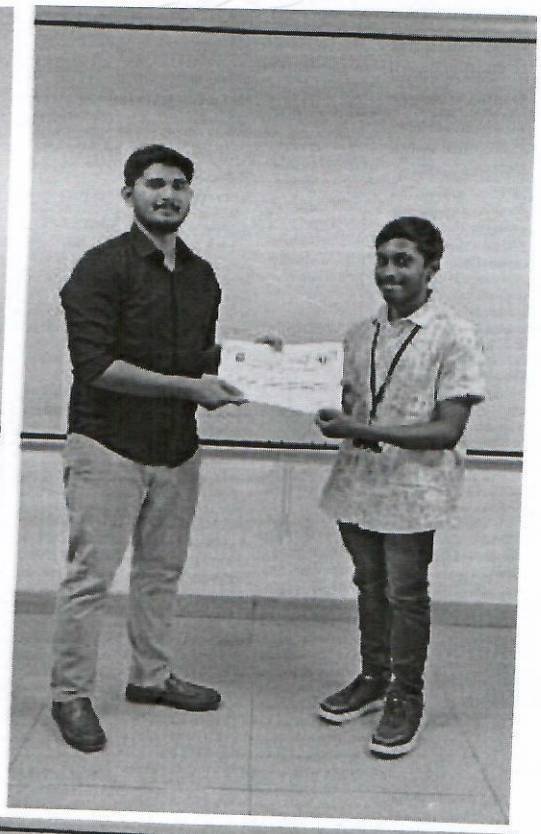


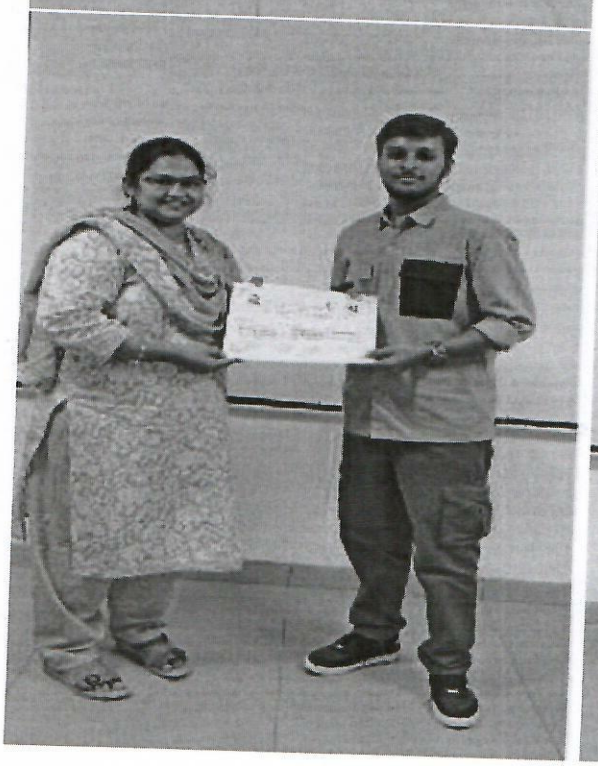


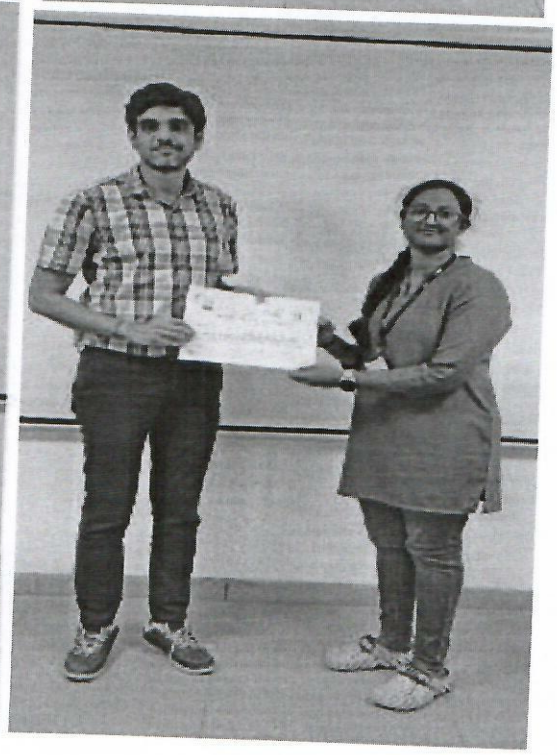


DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE









Event Co ordinator

Department of Artificial Intelligence and Data Science CBIT HYDERABAD

HoD, AI&DS.