

INNOV IT



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University
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COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

47
years

Department of Information Technology, Newsletter

VOLUME 3 ISSUE 2

FROM OUR PRINCIPAL

Chaitanya Bharathi Institute of Technology (CBIT), established in 1979, is a prestigious autonomous institution known for excellence in technical education and research. Accredited multiple times by NBA and NAAC with an A++ grade, CBIT offers world-class infrastructure, experienced faculty, and an industry-aligned curriculum based on AICTE, NEP-2020, and OBE. The institute emphasizes pragmatic and experiential learning, strong industry collaboration, placements, entrepreneurship through its EDC and incubation ecosystem, and innovation in research, patents, and product development. With extensive co-curricular activities and a focus on holistic student development, CBIT continues its mission of nurturing skilled engineers, leaders, and responsible citizens under the motto "Swayam Tejaswin Bhava".



Prof.C.V.Narasimhulu
Principal - CBIT

FROM OUR HOD



The Department of Information Technology at CBIT is dedicated to excellence in teaching, research, and innovation. Established in 2001, the department provides a strong academic foundation through modern laboratories, experienced faculty, and an industry-oriented curriculum. It emphasizes continuous learning, research, technical competence, leadership, and ethical values while nurturing students to become confident, globally competitive professionals and responsible citizens. Through technical events, skill development, and industry interaction, the department prepares students to meet the challenges of rapidly evolving technologies and contribute meaningfully to society.

Faculty Coordinators:

1. Mrs. B. Swathi
Assistant Professor
2. Mr. Rudroju Sai Venkat
Assistant Professor

Student Coordinators:

1. Yashwanth Sarma



Dr. M. Venu Gopalachari
HoD - IT Department

ABOUT CBIT & THE IT DEPARTMENT

EST. 1979 • AUTONOMOUS • NAAC A++

➤➤➤ INSTITUTIONAL FRAMEWORK

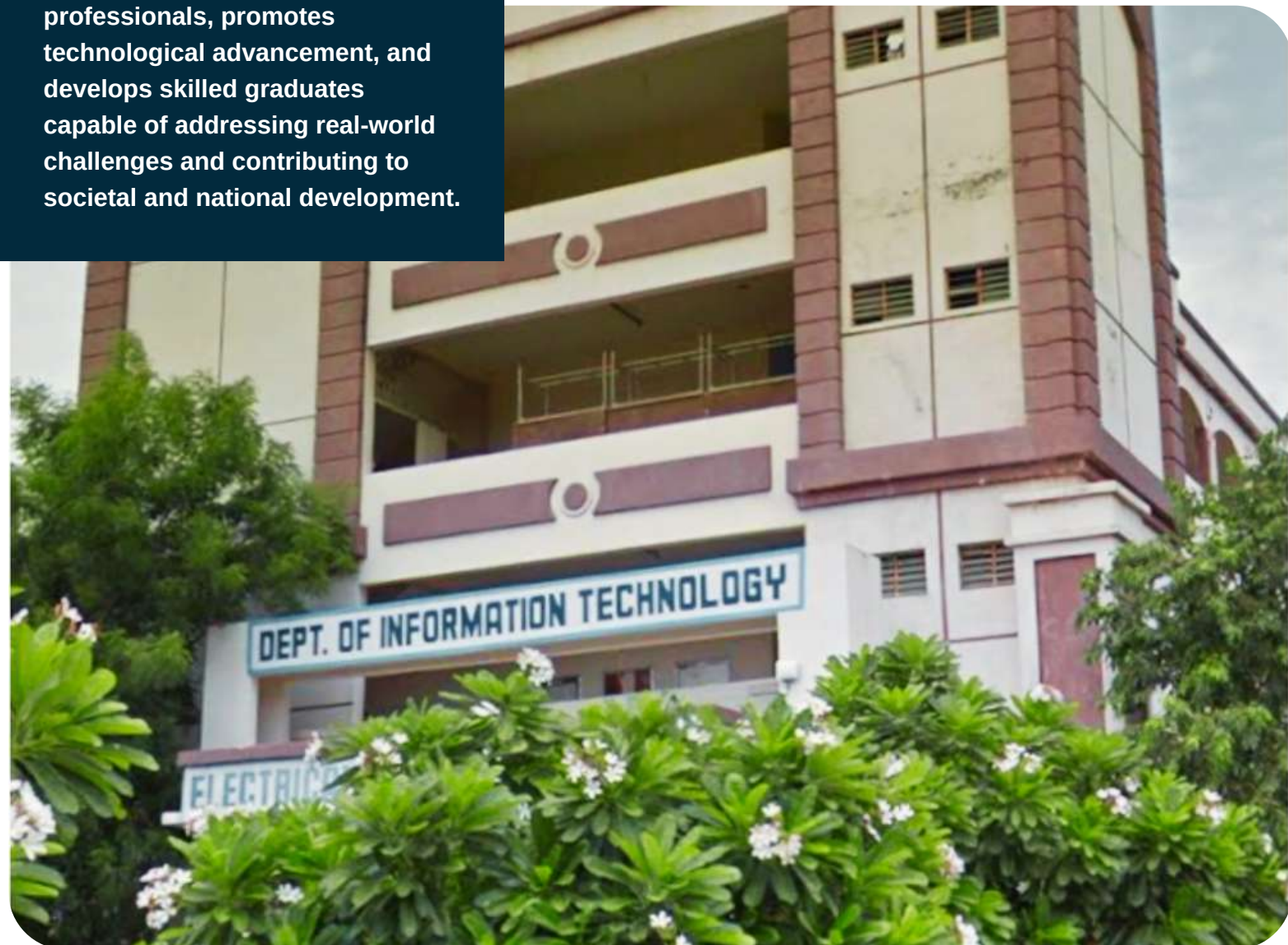
CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, established in the Year 1979, esteemed as the Premier Engineering Institute in the States of Telangana and Andhra Pradesh, was promoted by a Group of Visionaries from varied Professions of Engineering, Medical, Legal and Management, with an Objective to facilitate the Best Engineering and Management Education to the Students and contribute towards meeting the need of Skilled and Technically conversant Engineers and Management Professionals, for the Country that embarked on an Economic Growth Plan.

STRATEGIC VISION

To be a globally recognized center of excellence in Information Technology education and research that nurtures innovative professionals, promotes technological advancement, and develops skilled graduates capable of addressing real-world challenges and contributing to societal and national development.

➤➤➤ OUR MISSION

The department is committed to quality, industry-oriented education through advanced teaching, practical learning, and research. It fosters innovation and entrepreneurship through industry collaboration, developing technically proficient, ethical, and socially responsible professionals for the digital era.



FACULTY ADVANCEMENT



FDP's Organized:

The International Faculty Development Programme (Online) on “Deep Learning for Natural Language Processing and Computer Vision” was organized by CBIT in association with ExcelR from 10th to 20th July 2023. The programme aimed to enhance faculty knowledge and skills in the latest advancements in Deep Learning, with a focus on Natural Language Processing (NLP) and Computer Vision. It featured expert sessions on neural networks, deep learning frameworks, image processing, text analytics, and real-world AI applications. Around 900 participants from various institutions attended this International-level FDP, providing an excellent platform for learning, knowledge sharing, and professional development. The programme was coordinated by Dr. Ramakrishna Kolikipogu, Professor, Department of Information Technology, CBIT.

Deep Learning for Natural Language Processing and Computer Vision(10th to 20th July 2023)

NATIONAL WORKSHOP ON AGENTIC AI AND LATEST ADVANCEMENTS IN AI (22-23 DECEMBER 2025)

The M.Tech (AI & Robotics) program organized a National Workshop on Agentic AI and Latest Advancements in AI. Participants explored intelligent autonomous agents, modern AI frameworks, and cutting-edge developments in Artificial Intelligence through expert lectures and technical demonstrations.



TWO-DAY PLACEMENT READINESS PROGRAM (6-7 JANUARY 2026)

To enhance employability, the Department organized a Two-Day Placement Readiness Program featuring sessions on resume building, group discussions, interview etiquette, aptitude preparation, and technical interview strategies. Industry experts guided students on improving communication skills and building confidence for campus recruitment.



Two-Day Placement Readiness Program (6-7 January 2026)

CYBER FEST 2026 (6-7 FEBRUARY 2026)

The Department successfully hosted Cyber Fest 2026, a National-Level Technical Festival featuring cybersecurity and blockchain hackathons, Capture the Flag (CTF) competitions, expert-led workshops, and exciting technical challenges. The event attracted enthusiastic participation from students across institutions and promoted innovation, teamwork, and practical cybersecurity skills.



TECSTASY 2026 (17-18 FEBRUARY 2026)

Tecstasy 2026 served as a vibrant platform for showcasing innovation and technical excellence. Faculty members and experts shared insights into emerging trends in Information Technology through technical sessions and interactive discussions, encouraging knowledge exchange and academic collaboration.



INDUSTRY VISIT - INTRODUCTION TO US HEALTHCARE & AI IN HEALTHCARE TECHNOLOGY **(27 MARCH 2026)**

Faculty members visited **Evernorth** to gain first-hand exposure to the US Healthcare ecosystem and the role of Artificial Intelligence in healthcare technology. The visit highlighted real-world AI applications, digital transformation strategies, and innovations in healthcare services.



S. No	Title of the Event	Host Institute	Organised
1	Guest Lecture	IT Dept	1
2	Workshops	IT Dept	2
3	Hackathon	IT Dept	1
4	Technical Fest	IT Dept	1
5	Industry Visit	IT Dept	2

RESEARCH & CERTIFICATION METRICS

The Department of Information Technology continues to promote research excellence and academic growth through publications in reputed journals and conferences. Faculty members and students actively contribute to research areas including Artificial Intelligence, Machine Learning, Robotics, Data Science, Software Engineering, Cyber Security, and emerging computing technologies. These research contributions reflect the department's commitment towards innovation, knowledge creation, and industry-relevant advancements.

The department also encourages students to enhance their technical skills through national-level certification programs, including NPTEL and other professional certifications, helping them strengthen their expertise and improve career readiness.

During the academic year 2025-2026, students of the Department of Information Technology successfully completed various NPTEL national-level certification courses, demonstrating their commitment towards continuous learning and skill development. These achievements reflect the department's focus on industry-oriented learning, technical competency, and preparing students for future professional challenges.

Publications	Number of Papers
SCIE	10
SCOPUS Journal	8
International conferences	24
Book Chapters	1

During the academic year 2025–26, students of the Department of Information Technology successfully completed various NPTEL national-level certification courses, demonstrating their commitment towards continuous learning and skill development. The certifications covered emerging domains such as Artificial Intelligence, Machine Learning, Data Science, Cloud Computing, Cyber Security, Programming, and Advanced Computing technologies. These achievements reflect the department's focus on industry-oriented learning, technical competency, and the preparation of students for future professional challenges.

NPTEL CERTIFICATION: 2025 - 2026

Academic year	Year Student is studying	Count of NPTEL certification
2025-2026	II	6
	Total	6

HACKATHON SUCCESS & ACHIEVEMENTS

During the academic year 2025–26, students of the Department of Information Technology actively participated in various hackathons and innovation-driven events at national and institutional levels, showcasing their technical expertise, creativity, and problem-solving abilities. Two teams from the department achieved remarkable success at the Smart India Hackathon 2025 – Grand Finale, where Team GritForce secured First Prize with a cash award of ₹1,50,000/- and Team Humble emerged as Runner-up with a prize of ₹25,000/-, competing against top teams across the nation.

Furthermore, students T. Preetham Reddy and S. Sai Ashrith secured First Prize with a cash award of ₹1,50,000/- at the East India Blockchain Summit (EIBS) 2.0 Hackathon organized by IIT Kharagpur, demonstrating innovation and excellence in blockchain technology. These achievements highlight the department's strong culture of innovation, teamwork, and continuous learning, encouraging students to develop solutions for real-world challenges.



HACKATHON SUCCESS & ACHIEVEMENTS

S. No	Name of the Student	Name of the Event	State / National / International Level	Date of the Event	Name of the Award (if any)
1	Battiprolu Sai Jeevan	Smart India Hackathon	National	08-Dec-2025	₹1,50,000 Cash Prize
2	Kandhuri Sai Rasagna	Smart India Hackathon	National	08-Dec-2025	₹1,50,000 Cash Prize
3	Vedith Vanam	Smart India Hackathon	National	08-Dec-2025	₹1,50,000 Cash Prize
4	N. S. Sashank Emmidi	Smart India Hackathon	National	08-Dec-2025	₹1,50,000 Cash Prize
5	Bobbala Harshitha	Smart India Hackathon	National	10-Dec-2025	₹1,50,000 (Team Prize)
6	Sai Jeevan Battiprolu	Smart India Hackathon	National	08-Dec-2025	₹1,50,000 Cash Prize
7	T. Preetham Reddy	Smart India Hackathon	National	08-Dec-2025	₹25,000 Cash Prize
8	Laxmi Prasanna Bonala	Smart India Hackathon	National	08-Dec-2025	₹25,000 Cash Prize
9	Sri Mugdha Battula	Smart India Hackathon	National	08-Dec-2025	₹25,000 Cash Prize
10	Laksh Jain	Smart India Hackathon	National	08-Dec-2025	₹25,000 Cash Prize
11	Saarthak Manocha	Smart India Hackathon	National	08-Dec-2025	₹25,000 Cash Prize
12	S. Sai Ashrith V. R. K. N.	Smart India Hackathon	National	08-Dec-2025	₹25,000 Cash Prize
13	Mayoor P	Agentathon 2025	State	20-Dec-2025	Participation
14	Pinjari Reshma Sulthana	GitGrade Hackathon	National	14-Dec-2025	Participation
15	Akber Hussain	Datanyx-2025	State	29 nov 2025	Runner-up
16	Abinav Vanam	VIVITSU'26	State	30-Jan-2026	Participation
17	S. Sai Ashrith V. R. K. N.	East India Blockchain Summit (EIBS) 2.0 Hackathon	National	18-Jan-2026	₹1,50,000 Cash Prize
18	T. Preetham Reddy	East India Blockchain Summit (EIBS) 2.0 Hackathon	National	18-Jan-2026	₹1,50,000 Cash Prize

GUEST LECTURES



GUEST LECTURE ON ETHICAL HACKING (10 APRIL 2026)

The Department organized a National-Level Guest Lecture on Ethical Hacking, where cybersecurity experts introduced students to ethical hacking methodologies, penetration testing, vulnerability assessment, and information security best practices. The session enhanced awareness of cybersecurity challenges and emphasised the importance of protecting digital systems and networks.

