

INNOV IT



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in



COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

45
years

Department of Information Technology, Newsletter

VOLUME 1 ISSUE 1



Prof. P. Ravinder Reddy
Principal - CBIT

FROM OUR PRINCIPAL

CBIT has established itself as one of India's premier private engineering institutions, renowned for academic excellence, innovation, and outstanding student achievements. It is a privilege to welcome students to an institution committed to nurturing skilled, creative, and socially responsible engineers equipped to meet the challenges of Industry 4.0. Through a flexible curriculum aligned with the National Education Policy, CBIT fosters creativity, research, entrepreneurship, and experiential learning. The institute provides a vibrant ecosystem with startup incubation, industry collaborations, internships, research opportunities, sports, clubs, and personality development initiatives to ensure holistic growth. With state-of-the-art infrastructure and dedicated faculty, CBIT strives to empower students to excel professionally and contribute meaningfully to society while upholding the institute's legacy of excellence.

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. Mr. Rudroju Sai Venkat
Assistant Professor
2. Mr. Geedikanti Srikanth
Assistant Professor

Student Coordinators:

1. Adarsh Shetkar
2. Harsha Vardhan



Dr. Rajanikanth Aluvalu
HoD - IT Department

ABOUT CBIT & THE IT DEPARTMENT

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➤➤➤ INSTITUTIONAL FRAMEWORK

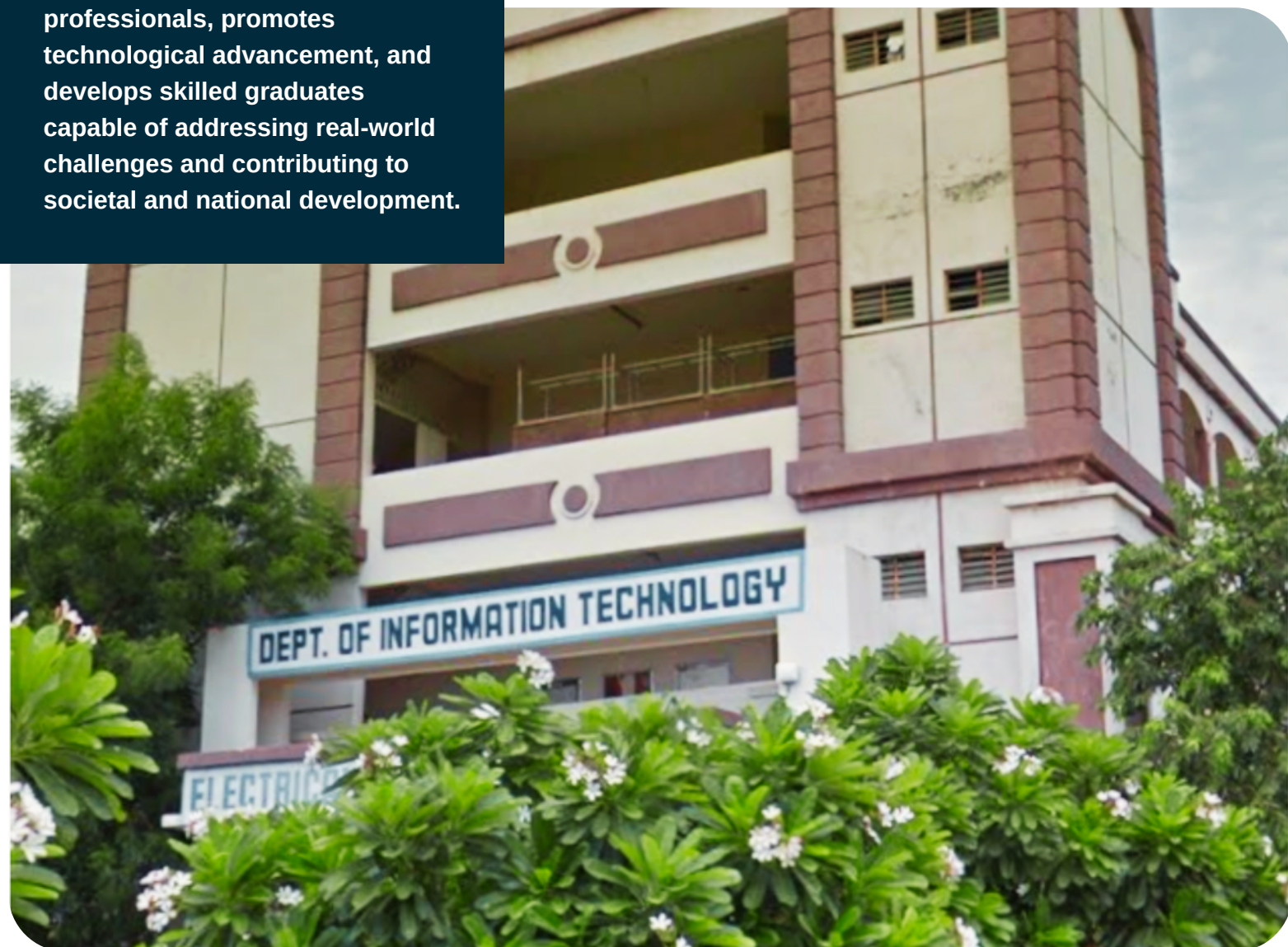
CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, established in the Year 1979, esteemed as the Premier Engineering Institute in the States of Telangana and Andhra Pradesh, was promoted by a Group of Visionaries from varied Professions of Engineering, Medical, Legal and Management, with an Objective to facilitate 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:

DEEP LEARNING FOR NATURAL LANGUAGE PROCESSING AND COMPUTER VISION(10TH TO 20TH JULY 2023)

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.

ONE-DAY HANDS-ON WORKSHOP ON “DATA SCIENCE LIFE CYCLE - A CASE STUDY-BASED APPROACH” ON 25-11-2023

The Department of Information Technology, CBIT organized a one-day hands-on workshop on “Data Science Life Cycle – A case study-based approach” on 25-11-2023 from 10.00 AM to 04.00 PM in the TPO Lab-2, above the canteen. The Speaker for the session is Pranali Bose, Machine Learning Engineer, DBS, Hyderabad. Prof.Rajanikanth Aluvala, HoD, Department IT is the convener of this workshop. The coordinators for this workshop are Dr.N.Sudhakar Yadav, Dr.S. Rakesh. 50 CBIT students registered for this workshop across different departments and all enthusiastically participated. In this one day workshop, students explored Data Science life cycle approach and two case studies.



The students expressed satisfaction over this workshop. They felt, this type of workshops should introduce to give knowledge and would helpful to know the latest things happening in the industry. Thanks to our HoD, Principal and Management of CBIT for encouraging these types of workshops and events for students growth in the field of IT Sector.



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 2023-2024, 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	7
SCOPUS Journal	22
International conferences	19
Book Chapters	5

NPTEL CERTIFICATION: 2023 - 2024

Academic year	Year Student is studying	Count of NPTEL certification
2023-2024	II	11
	Total	11

HACKATHON SUCCESS & ACHIEVEMENTS

During the academic year 2023–24, students of the Department of Information Technology actively participated in a wide range of hackathons, ideathons, and innovation-driven competitions at the state, national, and international levels, showcasing their technical expertise, creativity, and collaborative problem-solving skills. The department recorded enthusiastic participation in prestigious events such as the Kushi AI Bot Ideathon, CodeCon 2023 Hackathon, Smart Hacks 48-Hour National Hackathon, Shunya – The Sustainability Challenge, Mark XXIV Hackathon, Hack-Z, Code for Good 2023, and the globally recognized NASA International Space Apps Challenge. A significant number of students also participated in the CBIT Hacktoberfest Hackathon 2023 and related Hacktoberfest events, reflecting the department's strong commitment to open-source development, software innovation, and continuous technical learning. Through these competitions, students gained valuable hands-on experience in emerging technologies, teamwork, design thinking, and real-world problem solving, while bringing recognition to the department through their active participation and innovative contributions.

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	Chegu Gnana Manikanta Arun Siva Teja	Kushi AI Bot Ideathon	State	1 jul 2023	Participation
2	Juweriah Abdul Raheem Mohammed	Idea Hackathon	State	1 jul 2023	Participation
3	Juweriah Abdul Raheem Mohammed	Smart Hacks 48-Hour National Hackathon	National	1 jul 2023	Participation
4	Juweriah Abdul Raheem Mohammed	Shunya – The Sustainability Challenge Track 2 Idea Hackathon	National	1 jul 2023	Participation
5	Juweriah Abdul Raheem Mohammed	Mark XXIV Hackathon	National	1 jul 2023	Participation
6	Juweriah Abdul Raheem Mohammed	Hack-Z	State	1 jul 2023	Participation
7	Mandala Sai Nigam	Code For Good 2023	International	15 jul 2023	Participation
8	Juturu Chinmayee	CodeCon 2023 Hackathon	State	13 jul 2023	Participation

HACKATHON SUCCESS & ACHIEVEMENTS

9	Chegu Gnana Manikanta Arun Siva Teja	CodeCon Hackathon 2023	State	08-Aug-2023	Participation
10	Kolluru Arun Kaushik	CBIT Hacktoberfest Hackathon	State	7 oct 2023	Participation
11	Gunti Samhitha	NASA International Space Apps Challenge	International	7 oct 2023	Participation
12	Doma Akshitha Reddy	CBIT Hacktoberfest Hackathon 2023	State	7 oct 2023	Participation
13	E. Mithil	CBIT Hacktober Hackathon '23	State	7 oct 2023	Participation
14	Yatin	CBIT Hacktober Fest	State	7 oct 2023	Participation
15	Bandam Deekshitha	Hacktoberfest	State	7 oct 2023	Participation
16	P. S. Mayoor	COSC Hackathon of Hacktoberfest	State	7 oct 2023	Participation
17	K. Abhiram	CBIT Hacktober Fest	State	7 oct 2023	Participation
18	N. Venu Madhav	CBIT Hacktober Fest	State	7 oct 2023	Participation
19	Sai Charan	Hacktober	State	7 oct 2023	Participation
20	Rushikesh Cheedalla	Hacktober	State	7 oct 2023	Participation
21	Dikshant Singh	Hacktoberfest	State	7 oct 2023	Participation
22	Aryaman Gajrani	CBIT Hacktoberfest Hackathon 2023	State	7 oct 2023	Participation
23	Boddula Kaushik	CBIT Hacktoberfest Hackathon	State	7 oct 2023	Participation
24	Mayoor	COSC Hacktoberfest	State	7 oct 2023	Participation
25	Rohan Jadhav	Hacktober	State	8 oct 2023	Participation
26	V. Hrishik Reddy	Hacktober Fest 2023	State	8 oct 2023	Participation
27	S. Aravind Chandra	Hacktober Fest	State	18 oct 2023	Participation