

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

47
years

Department of Information Technology, Newsletter

VOLUME 3 ISSUE 1

FROM OUR PRINCIPAL



Prof.C.V.Narasimhulu
Principal - CBIT

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".

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. Geedikanti Srikanth
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

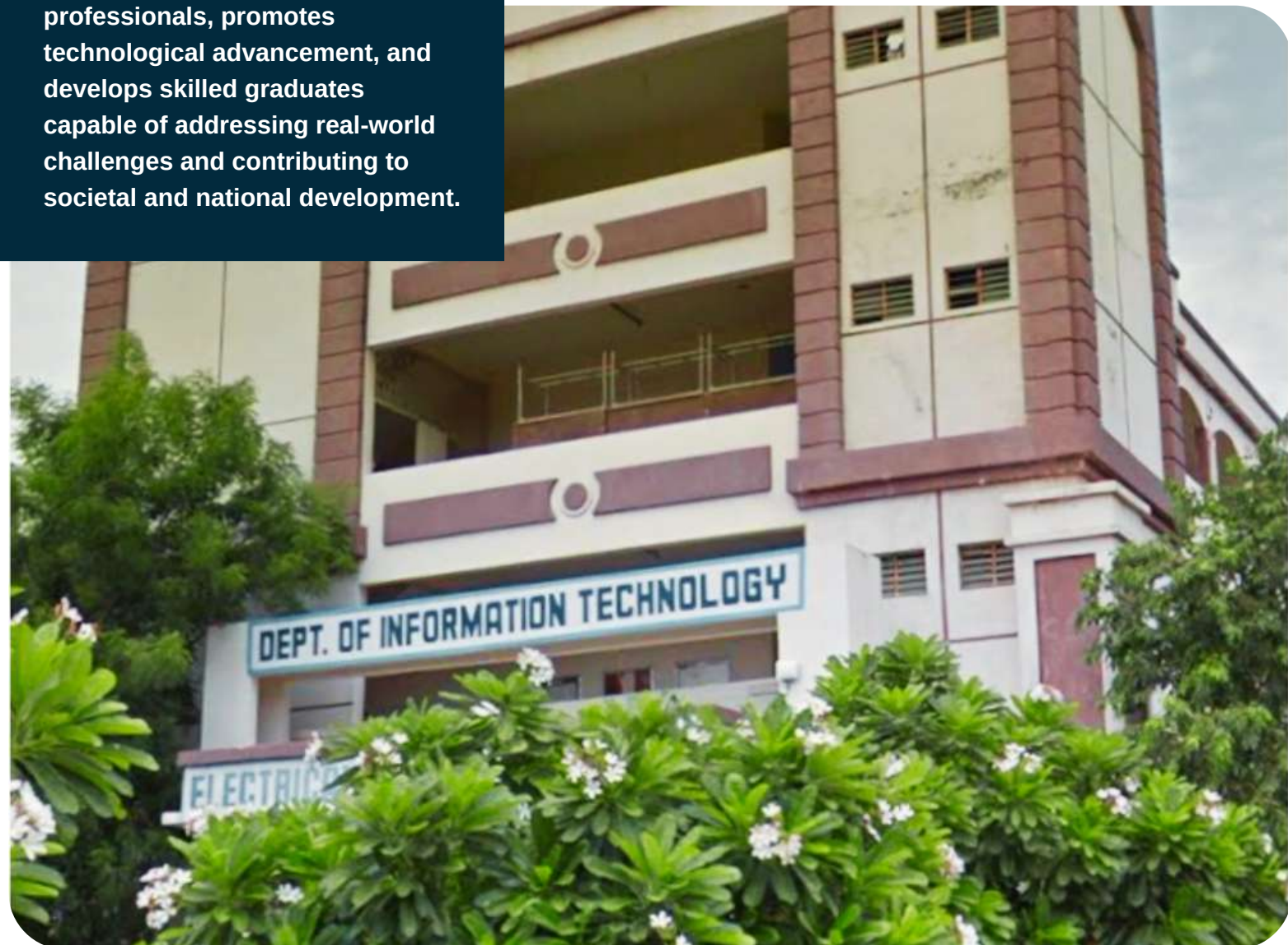
CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, established in the Year 1979, esteemed as the Premier Engineering Institute in the States of Telangana and Andhra Pradesh, was promoted by a Group of Visionaries from varied Professions of Engineering, Medical, Legal and Management, with an Objective to facilitate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

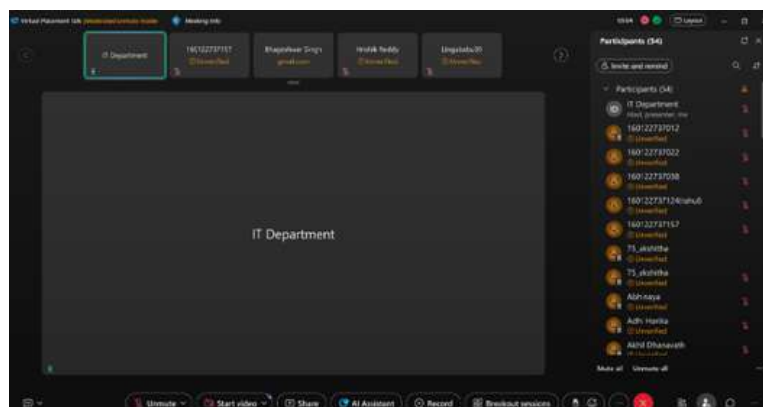


FDP's Organized:

During the academic year 2025–26, the Department of Information Technology organized several faculty development programmes, workshops, guest lectures, and expert sessions to strengthen the academic and research capabilities of faculty members and students. A notable initiative was the Five-Day Faculty Development Program on "Gen AI – RAG (Retrieval-Augmented Generation)" conducted from 08–12 September 2025, which focused on Generative AI, Retrieval-Augmented Generation, prompt engineering, vector databases, and the development of AI-powered applications. The department also organized expert lectures on "Quantum Technologies: Present and Future" by an ISRO scientist and "Vision LLMs and Their Real-World Use Cases" by an industry expert from Hitachi Rail, providing participants with exposure to emerging technologies and current industry practices. Additional programmes on Design Thinking using AI, DevOps Tools, Humanizing AI, and Research Opportunities in Computer Science further enhanced participants' technical expertise, research orientation, innovation skills, and industry readiness. Collectively, these initiatives reflect the department's commitment to continuous professional development, interdisciplinary learning, and fostering excellence in teaching, research, and technological innovation.

ALUMNI TALK ON "AWARENESS ON QUALCOMM PLACEMENT DRIVE - 19 JULY 2025

The Department of Information Technology organized an Alumni Talk on 19 July 2025 titled "Awareness on Qualcomm Placement Drive." The session was coordinated by Dr. K. Sugamya and Ms. K. Swathi, and delivered by alumnus Mr. Bhageshwar Singh T. The speaker shared valuable insights into Qualcomm's recruitment process, technical interview preparation, required skill sets, and career opportunities, helping students prepare effectively for campus placements.

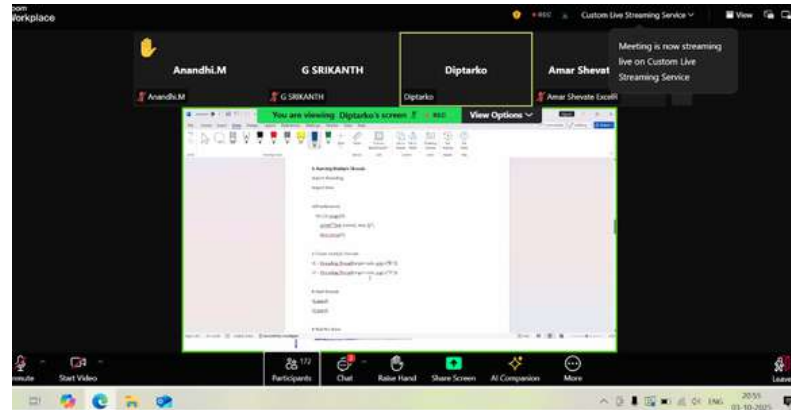
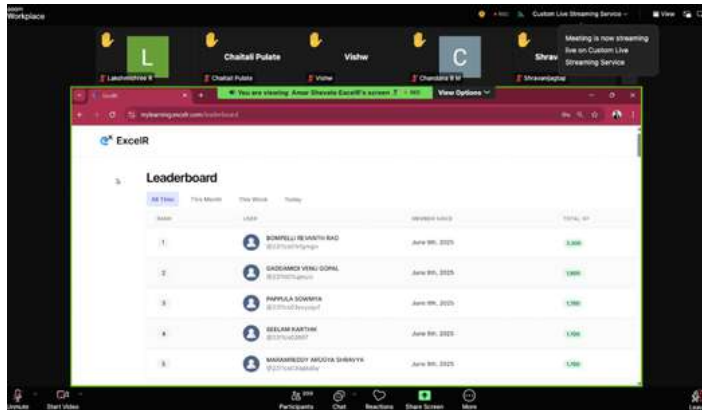


FIVE-DAY FACULTY DEVELOPMENT PROGRAM ON "GEN AI - RAG (RETRIEVAL-AUGMENTED GENERATION)" - 08-12 SEPTEMBER 2025

The Department of Information Technology conducted a Five-Day Faculty Development Program (FDP) from 08 to 12 September 2025 on "Gen AI – RAG (Retrieval-Augmented Generation)." The FDP was coordinated by Dr. Kolikapogu Ramakrishna, Dr. S. R. M. Krishna, and Mr. K. Gangadhara Rao. The program focused on Generative AI, Retrieval-Augmented Generation architecture, prompt engineering, vector databases, and the development of intelligent AI applications, enabling faculty members to integrate modern AI technologies into teaching and research.

VALUE ADDED COURSE ON "FOUNDATION OF PROGRAMMING USING PYTHON" - FROM 15 SEPTEMBER 2025

The Department of Information Technology launched a 30-hour Value Added Course titled "Foundation of Programming using Python" from 15 September 2025. Coordinated by Dr. M. Venugopala Chary, Dr. Kolikapogu Ramakrishna, and Mr. G. Srikanth, the course provided students with a strong foundation in Python programming, covering problem-solving techniques, control structures, functions, data structures, and real-world programming applications.



NATIONAL WORKSHOP ON "DESIGN THINKING USING AI" - 20 SEPTEMBER 2025

The Department of Information Technology, in association with VMedha, organized a National Workshop on 20 September 2025 titled "Design Thinking using AI." Coordinated by Dr. Kolikapogu Ramakrishna and Dr. B. Swathi Sowmya, the workshop featured industry experts from DBS Tech, Tech9, and VJIT. Participants learned the Design Thinking framework enhanced with AI tools, developed innovative solution prototypes, and strengthened their problem-solving and employability skills through hands-on activities.



EXPERT SESSION ON "RESEARCH OPPORTUNITIES IN COMPUTER SCIENCE ON ADVANCED TECHNICAL ISSUES" - 27 SEPTEMBER 2025

The Department of Information Technology organized an Expert Session on 27 September 2025 titled "Research Opportunities in Computer Science on Advanced Technical Issues." Coordinated by Mr. U. Sairam and Mr. N. Shiva Kumar, the session was delivered by Dr. K. Veera Brahmam, Scientist 'F' and Associate Project Director, ASL, DRDO, Hyderabad. The session highlighted emerging research domains, advanced technologies, and career opportunities in research, motivating faculty members to pursue innovative research initiatives.



SIX-DAY WORKSHOP ON "DEVOPS TOOLS" - 11-16 OCTOBER 2025

The Department of Information Technology conducted a Six-Day Workshop from 11 to 16 October 2025 on "DevOps Tools." Coordinated by Ms. P. Kiranmaie and delivered by Mr. Venkata Laxma Reddy Yenna, the workshop introduced students to modern DevOps practices, including version control, continuous integration, deployment pipelines, containerization, and automation tools. The program enhanced students' practical skills and industry readiness.

WORKSHOP ON "HUMANIZING AI: ETHICAL DIMENSIONS OF ARTIFICIAL INTELLIGENCE" - 14 OCTOBER 2025

The Department of Information Technology organized a Workshop on 14 October 2025 titled "Humanizing AI: Ethical Dimensions of Artificial Intelligence." Coordinated by Dr. Ramakrishna Kolipogu, the workshop featured Dr. Madhu Oruganti, Mr. Anirudh Billa, and Dr. Harivardhagini Subhadra as resource persons. The sessions emphasized responsible AI, fairness, transparency, privacy, and ethical decision-making, encouraging participants to develop AI solutions aligned with societal values.



NATIONAL WORKSHOP ON "EXPLORING THE WORLD OF TECHNOLOGY - COMMUNITY OUTREACH PROGRAM" - 18 OCTOBER 2025



The Department of Information Technology, through the Vedha Club, organized a National Community Outreach Workshop on 18 October 2025 titled "Exploring the World of Technology." Coordinated by Dr. Ramakrishna Kolipogu, the event featured Dr. U. K. Chowdary, Professor and Advisor of Innovation & Incubation, CBIT. The program created awareness among nearly 200 participants about emerging technologies, innovation, and the impact of digital transformation on society.

CSI IN-HOUSE WORKSHOP ON "INTRODUCTION TO GIT & GITHUB AND OVERVIEW OF CODING PLATFORMS" - 21 NOVEMBER 2025

The CSI Student Chapter of the Department of Information Technology organized an In-House Workshop on 21 November 2025 titled "Introduction to Git & GitHub and Overview of Coding Platforms." Coordinated by Dr. B. Veera Jyothi and Dr. Ramakrishna Kolikipogu, the session was delivered by Ms. Kondi Kavya Reddy. Attended by around 160 students, the workshop introduced version control using Git, collaborative development with GitHub, and popular coding platforms used for competitive programming and technical interview preparation.



S. No	Title of the Event	Host Institute	Organised
1	Alumni Talk	IT Dept	1
2	Guest Lectures	IT Dept	3
3	FDP	IT Dept	1
4	Workshops	IT Dept	5
5	Expert Session/ Talks	IT Dept	1
6	Value Added Course	IT Dept	1

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	12
International conferences	12
Book Chapters	6

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	97
	Total	97

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	PAGIDIMARRI SREENIDHI	Codein Clash	State	25 jun 2025	Participation
2	A Sai Prakash	JPMC Code For Good 2025	International	28 jun 2025	Internship Opportunity
3	Manikonda Vishnu Vardhan Reddy	Urban Vision Hackathon	National	21 jun 2025	Participation
4	M. Seshadri Naidu	Adobe India Hackathon	National	10 jul 2025	Participation
5	K. Vaishnavi	VJ Hackathon	State	5 oct 2025	Participation
6	Madathanapalle Leena	VibeathonX 2025	State	12 oct 2025	Participation
7	PAGIDIMARRI SREENIDHI	VibeathonX 2025	State	18 oct 2025	Participation
8	Dhana Sri Soli	VibeathonX	State	18 oct 2025	Participation
9	Dhana Sri Soli	VJ Hackathon	State	17 oct 2025	Participation
10	Abdul Raheem	COSC Hacktoberfest'25	State	25 oct 2025	Participation
11	K. H. Harsh	Hacktober	State	24 oct 2025	Participation
12	KOMMU SRIMAN RAO	Hacktoberfest	State	27 oct 2025	Participation
13	Karlapati Nandu	CBIT Hacktober Fest	State	25 oct 2025	₹4,000 Cash Prize
14	Akella Harshith Saipaavan	Hacktoberfest 2025	State	26 oct 2025	3rd Prize
15	Bavikadi Mohaseen Hussain	Hacktober 2025	State	26 oct 2025	Participation

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)
16	Siddhi Shetkar	COSC Hacktoberfest	State	26 oct 2025	Participation
17	Srinidhi Pasupunuti	CBIT Hacktoberfest 2025	State	25 oct 2025	Participation
18	Nikhil George	Hacktoberfest	State	26 oct 2025	Participation
19	Aksah Malicay	Vibeathon	State	20 oct 2025	Selected for Final Round
20	Kathi Mukesh Reddy	VibeathonX 2025	State	18-Sep-2025	Participation
21	Chilakamarri Srisanth	VibeathonX 2025	State	18-Sep-2025	Participation
22	Chinthakindhi Nishitha	VibeathonX 2025	State	18-Sep-2025	Participation
23	Gaali Sai Praharshita	Walmart Sparkathon 2025	International	29-Aug-2025	Participation



CBIT IT Team Secures Victory at Smart India Hackathon 2025

GUEST LECTURES



GUEST LECTURE ON "VISION LLMS AND THEIR REAL-WORLD USE CASES" - 28 AUGUST 2025

The Department of Information Technology organized a Guest Lecture on 28 August 2025 titled "Vision LLMs and Their Real-World Use Cases." The session was coordinated by Dr. Kolikapogu Ramakrishna and Mr. K. Gangadhara Rao, and delivered by Mr. Vijaya Bhasker Adusumalli, Head of Digital Center, Hitachi Rail, Berlin. The lecture introduced students to Vision Large Language Models, their integration with computer vision, and practical applications across healthcare, transportation, manufacturing, and intelligent automation.



CBIT IT Dept Hosts Talk on AI in Rail Industry

GUEST LECTURE ON "QUANTUM TECHNOLOGIES: PRESENT AND FUTURE" - 30 AUGUST 2025



The Department of Information Technology organized a Guest Lecture on 30 August 2025 titled "Quantum Technologies: Present and Future." Coordinated by Dr. A. Sirisha, the session was delivered by Dr. Raghavendra Kune, Scientist 'SG' and Head of High Performance Computing and Drones, ISRO, Hyderabad. Faculty members gained insights into the latest developments in quantum computing, quantum communication, and emerging research opportunities that are expected to shape future computing technologies.

GUEST LECTURE ON "FROM CODE TO PRODUCT: HOW SOFTWARE ENGINEERING SHAPES REAL-WORLD PROJECTS" - 11 OCTOBER 2025

The Department of Information Technology organized a Guest Lecture on 11 October 2025 titled "From Code to Product: How Software Engineering Shapes Real-World Projects." Coordinated by Smt. E. Ramalakshmi and Sri G. Srikanth, the lecture was delivered by Mr. Medidi Venkata Vamsi. The speaker discussed the complete software development lifecycle, product engineering practices, industry expectations, and the transformation of innovative ideas into successful software products.