

About CBIT(A)

Chaitanya Bharathi Institute of Technology (Autonomous) has an ecosystem which caters to Research, Consultancy, Start-Ups, Incubations, Strategic Collaborative Associations with Industries and Foreign Universities. CBIT(A) is accredited by NAAC with A++ Grade. The Institute is pioneering the development of an Artificial Heart in Collaboration with SHARE India / Pittsburgh University and Cornell University, USA. CBIT(A) has been standing as a temple of learning for the past 45 years. UGC has granted Autonomous status from the Academic Year 2013-14 onwards. The Faculty and Students have successfully executed Sponsored Research and Consultancy Projects, from various funding Agencies such as DRDO, ISRO, DST, AICTE and UGC. MHRD - Institute Innovation Cell (IIC), MSME - Business Incubation (BI), Hexagon 3D Innovation Lab, Cognizant Innovation Lab and Robotic Process Automation Lab have been established in the Research and Entrepreneurship Hub, for the Students and Faculty to pursue their Research Interests.

About CET Department

Department of Computer Engineering and Technology offers a BE CSE (IoT, Cyber Security Including Blockchain) undergraduate engineering programme. Since the academic year 2020-21 with an intake capacity of 60 seats. This programme combines Computer Science, with the functional and operational aspects of IoT, Cyber Security and Blockchain Technology. CET department has well equipped laboratories with necessary software's and committed, qualified well trained staff for teaching/learning process. CET department is consistently exploiting the trending curriculum, teaching, and learning practices, providing scope for the students to acquire knowledge and exploring better opportunities, for those aiming for admissions in prestigious institutions for their higher studies.

About the Bootcamp

This Bootcamp aims to provide participants with both fundamental and advanced skills in mobile network security. It emphasizes hands-on experience in setting up, analyzing, and securing wireless networks, ensuring a practical understanding of LTE, Wi-Fi, VPNs, and mobile security mechanisms. Through real-world simulations and security assessments, attendees will gain the expertise needed to identify vulnerabilities, implement defense strategies, and explore security models in Android and iOS platforms.

Objectives of the Bootcamp

- Set up and simulate mobile networks, analyze Wi-Fi traffic.
- Configure and test mobile security and VPN tunnels.
- Scan networks, identify vulnerabilities, and assess security risks.
- Perform wireless MITM attacks and analyze Bluetooth security.
- Industry 4.0: Combine IoT and AI for smart manufacturing.

Outcomes of the Bootcamp

- Gain hands-on experience in mobile network simulation and Wi-Fi traffic analysis.
- Identify vulnerabilities, conduct scans, and test Wi-Fi captive portals.
- Execute MITM attacks and monitor wireless intrusion detection.
- Analyze Bluetooth security, Android, and iOS app security.
- Implement VPN security, apply risk mitigation in mobile platforms.

RESOURCE PERSON

Ajinkya Lohakara CTO & Founder of Ditto Security



**Department of
Computer Engineering & Technology
organizes Bootcamp on
Emerging Trends in Mobile Security
from**

1st Feb - 22nd Feb 2025

(Conducted on 4 Saturdays)

College Address:

**Chaitanya Bharathi Institute of Technology,
Gandipet, Hyderabad, TS, India, PIN: 500075**

CONVENER

Dr. Sangeeta Gupta, Prof. & Head CET Dept.

FACULTY COORDINATORS

Smt. P. Vimala Manohara Ruth, Asst. Prof., CET Dept.

Smt. Kavita Agarwal, Asst. Prof., CET Dept.

STUDENT COORDINATOR

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