We Make You Shine
St. JOSEPH'S INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)
St. Joseph's Group of Institutions
OMR, CHENNAI - 119

DEPARTMENT OF CSE (CYBER SECURITY)

NEWSLETTER

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St. JOSEPH'S GROUP OF INSTITUTIONS
OMR, CHENNAI - 119
The Choice of Disciplined Toppers

VISION AND MISSION

Vision of the Department:

To build a premier cyber security department that inspires and equips students through a sustainable, research-focused education platform, translating contemporary information security practices into practical, innovative solutions that empower them to create resilient and secure digital systems.

Mission of the Department:

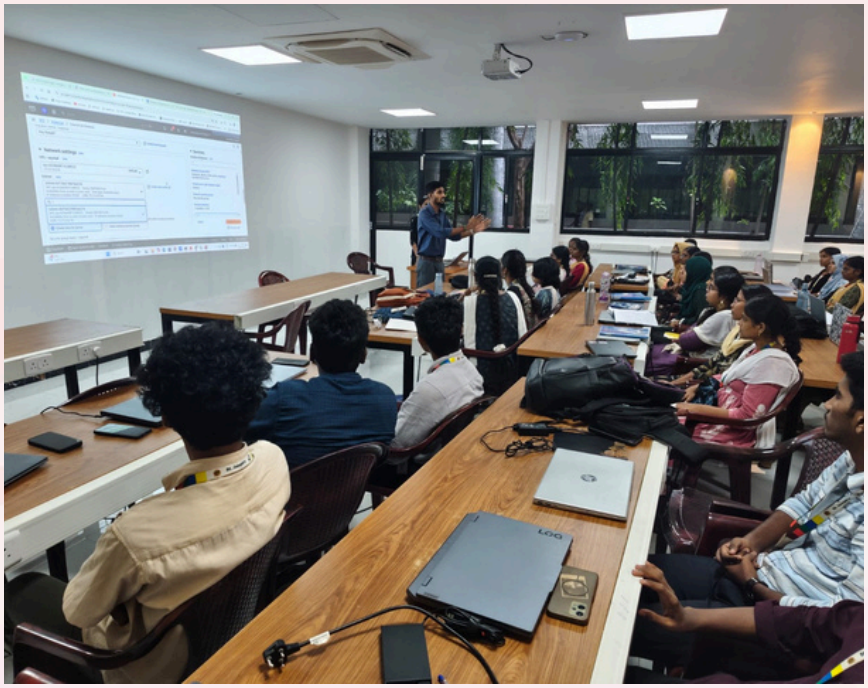
The department endeavors to

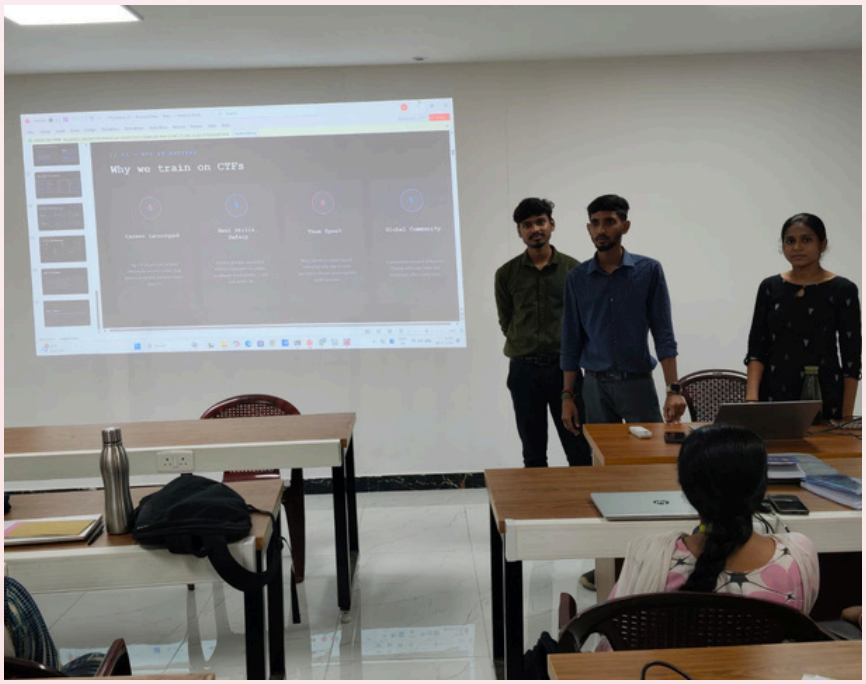
- Deliver standardized cyber security education that integrates theoretical knowledge with practical skills to meet real-world business demands.
- Forge partnerships through Memoranda of Understanding (MoUs) and Centers of Excellence (CoEs) with the Information Technology sector to provide cyber security graduates with industry-relevant expertise and a strong research orientation.
- Equip students with the creativity and problem-solving skills needed to tackle critical cyber security issues in a dynamic learning environment.
- Cultivate a collaborative and ethical academic culture where students and innovators collectively address industry challenges.
- Prepare graduates to develop scalable cyber security solutions, contributing to the advancement of knowledge for the benefit of society.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. Leadership and Ethical Practices:
   By creating and overseeing strong security frameworks and adhering to strict moral and legal guidelines, graduates will take the lead in Cyber Security.
2. Expertise in Cyber Security Solutions:
   Graduates will exhibit highly developed technical abilities in spotting, evaluating, and reducing Cyber Security risks with the use of state-of-the-art instruments and methods.
3. Continuous Learning and Global Security Impact:
   Graduates will actively participate in lifelong learning, adapt to tackle new threats, and develop cyber security solutions while also making a positive impact on national and international security.

WORKSHOP





A Capture the Flag (CTF) Workshop was conducted for Cyber Security students on 18 July 2026 by Rajendhira Prasath S, Associate Software Engineer, Accenture, Bengaluru. The workshop introduced students to the fundamentals of cybersecurity competitions and provided hands-on experience in solving real-world security challenges. Participants learned techniques related to web application security, cryptography, digital forensics, reverse engineering, binary exploitation, and network security through practical CTF exercises. The session enhanced students' problem-solving abilities, analytical thinking, and technical skills while encouraging teamwork and exposing them to industry-oriented cybersecurity practices.

GUEST LECTURE





A Guest Lecture on "The Human Firewall: Cyber Awareness Meets Offensive Security" was conducted on 22 July 2026 by Ms. Yashika Chandran, Founder & CEO, ASCIZEN Private Limited. The session emphasized the critical role of human awareness in strengthening organizational cybersecurity and highlighted how social engineering attacks exploit human vulnerabilities. The speaker discussed offensive security concepts, real-world cyberattack scenarios, and best practices for identifying and mitigating security threats. The lecture provided students with valuable insights into building a strong security mindset, enhancing cyber awareness, and understanding the importance of ethical hacking and proactive defense strategies.

Programming Practice (Leet Code)





A Guest Lecture on "LeetCode Programming Practice" was conducted on 25 July 2026 by Mr. Deveshwaran S, Backend Development Engineer, Tata Consultancy Services (TCS). The session focused on the importance of consistent coding practice for technical interviews and software development careers. The speaker demonstrated effective problem-solving strategies, discussed commonly asked coding interview questions, and shared techniques for improving logical thinking, algorithmic skills, and coding efficiency using the LeetCode platform. The lecture motivated students to develop a regular coding habit and enhance their programming proficiency for placements and competitive programming.

NGO (III CYS)





The III Year Cyber Security students visited St. John De Britto Home, ECR, Kovalam – 603112 on 14 July 2026 as part of an NGO outreach activity. The visit aimed to promote social responsibility, empathy, and community engagement among students. During the visit, the students interacted with the residents, organized engaging activities, and contributed essential items to support the home. The experience fostered compassion, teamwork, and a sense of civic responsibility while encouraging students to understand the importance of giving back to society.

NGO (II CYS)





The II Year Cyber Security students visited QueenShip of Our Lady's Convent, OMR, Koothavakkam on 21 July 2026 as part of an NGO outreach initiative. The visit was organized to instill social responsibility and community service values among students. During the program, the students interacted with the residents, participated in meaningful activities, and extended their support through donations of essential items. The visit provided a valuable opportunity to develop empathy, teamwork, and a commitment to serving society beyond academic pursuits.

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