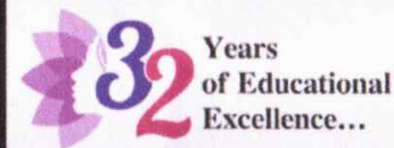




MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (AUTONOMOUS), VANIYAMBADI



Recognized u/s 2(f) & 12(B) of UGC Act 1956 | Accredited with "A+" Grade by NAAC
(4th Cycle) | Permanently Affiliated to Thiruvalluvar University | An ISO 21001:2018
Certified Institution Supported by DST-FIST

SCHOOL OF COMPUTING SCIENCES
JOINTLY ORGANISE WITH ICT ACADEMY
FACULTY DEVELOPMENT PROGRAM ON



CYBER SECURITY



Siva Gopal K
Technical Trainer – Training and Development
ICT Academy

DATE: 24.11.2025 to 28.11.2025
TIME: 10.00Am to 4.00 Pm

VENUE: AV Hall & CS LAB

V.Dilip Kumar Jain
President

Anand Singhvi
Secretary

Dr.M.Inbavalli
Principal

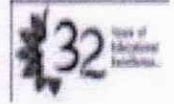
Dr.D. Jasmine Prinsna
Dean, SOCS

Dr. K. Priya
ICT Academy
Coordinator

Marudhar Kesari Jain College
for Women (Autonomous)
Vaniyambadi - 635 751.
Tirupattur District



**MARUDHAR KESARI JAIN
COLLEGE FOR WOMEN (AUTONOMOUS),
VANIYAMBADI**



SCHOOL OF COMPUTING SCIENCES & ICT ACADEMY

JOINTLY ORGANIZES

**FACULTY DEVELOPMENT PROGRAM ON
CYBER SECURITY**

AGENDA

DATE: 24.11.2025 TO 28.11.2025

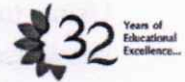
- Host** : Ms.Nimra B.Sc Computer Science
- Prayer Song**
- Welcome Address** : Ms.Nabeela Nousheen, Assistant professor
- Felicitation** : Dr.H.Lookman Sithic, Vice Principal, School of Computing Sciences, & Director of Skill Development Center.
- Chief Guest Addressing** : Ms.Nabeela Nousheen, Assistant professor.
- Vote of Thanks** : Ms.M.Srisivanandhini, Assistant professor

ALL ARE CORDIALLY INVITED


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VANIYAMBADI**



Activity Report

Name of the Department	School of Computing Sciences
Title of the programme	Cyber Security
Association With	ICT Academy
Alignment of this programme with	SDGS -9 (Industry Innovation and Infrastructure) & SDGS - 11 (Sustainable Cities and Communities)
Mode	Offline
Type Of Activity	Faculty Development Programme
Level	Institutional
Date	24.11.2025 to 28.11.2025
Venue	Av Hall & UG 2 Lab
Resource Person Details	Mr.K.Siva Gopal K Technical Trainer –Training Development ICT Academy

Objective of the Program: Cyber securities are to protect the confidentiality, integrity, and availability of information and systems.

Summary Report

Day 1 Introduction to Cyber Security & Threat Landscape

The first session focused on the fundamentals of cyber security, its growing significance, and the current digital threat environment. Mr. K.Siva Gopal explained common cyber attacks such as malware, phishing, ransomware, man-in-the-middle, and social engineering. He also highlighted real-time case studies and recent cyber incidents to help participants understand the severity and impact of cyber threats on individuals, organizations, and society. The session provided a strong foundation for the tools and advanced concepts covered in the upcoming days.

Day 2 – Network Security Concepts & Demonstrations

The second session covered essential network security principles. Key topics included firewalls, IDS/IPS, network scanning, port scanning, and the importance of secure network architecture. The resource person demonstrated practical usage of tools such as **Wireshark** for packet analysis and **Nmap** for network scanning. Participants gained hands-on exposure to analyzing live network traffic and identifying vulnerabilities within a simulated environment.

Day 3 – Ethical Hacking Tools & Penetration Testing Techniques

The third day focused on ethical hacking methodologies and penetration testing. Reconnaissance, Scanning, Gaining Access, Maintaining Access, and Covering Tracks.

Using tools like **Kali Linux**, **Metasploit Framework**, and **Burp Suite**, Mr. Siva Gopal showcased how vulnerabilities can be exploited ethically. Special emphasis was given to web application security testing, SQL injection basics, and password attacks. The session helped participants understand the attacker mindset and the defensive strategies to implement.

Day 4 – Cyber Security Tools for Defense & Incident Handling

The fourth session introduced defensive cyber security tools and techniques used during incident response. Key tools demonstrated included **Splunk**, **Security Onion**, antivirus platforms, log monitoring systems, and SIEM integration. Participants learned about incident identification, analysis, containment, eradication, and recovery processes. The resource person also highlighted best practices in log analysis, threat intelligence, and security automation.

Day 5 – Cloud Security, Best Practices & Hands-on Case Studies

The final day focused on **cloud security challenges**, shared responsibility model, security controls in AWS/Azure, and cloud threat prevention. Practical demonstrations included identity and access management (IAM), encryption techniques, multifactor authentication, and secure cloud architectures. Participants also performed hands-on tasks related to real-time cyber security case studies, vulnerability mitigation techniques, and securing cloud-based applications. The session concluded with discussions on future trends in cyber security and career opportunities for faculty and students.

Outcome of the Programme


1. Fundamental concepts of cyber security, including threats, vulnerabilities, attacks, and risk management.
2. Identify common cyber threats and analyze how they exploit system weaknesses.
3. Use essential cyber-security tools (e.g., antivirus, firewalls, packet analyzers) to detect and mitigate security issues..
4. Apply authentication, authorization, encryption, and access-control mechanisms to secure systems and networks.
5. Configure and apply security solutions to protect networks, servers, and end-user systems against cyber-attacks

Participants Count : 30


Internal Participants: 19

External Participants: 11


ICT Academy Coordinator


Dean


IQAC Director


Principal
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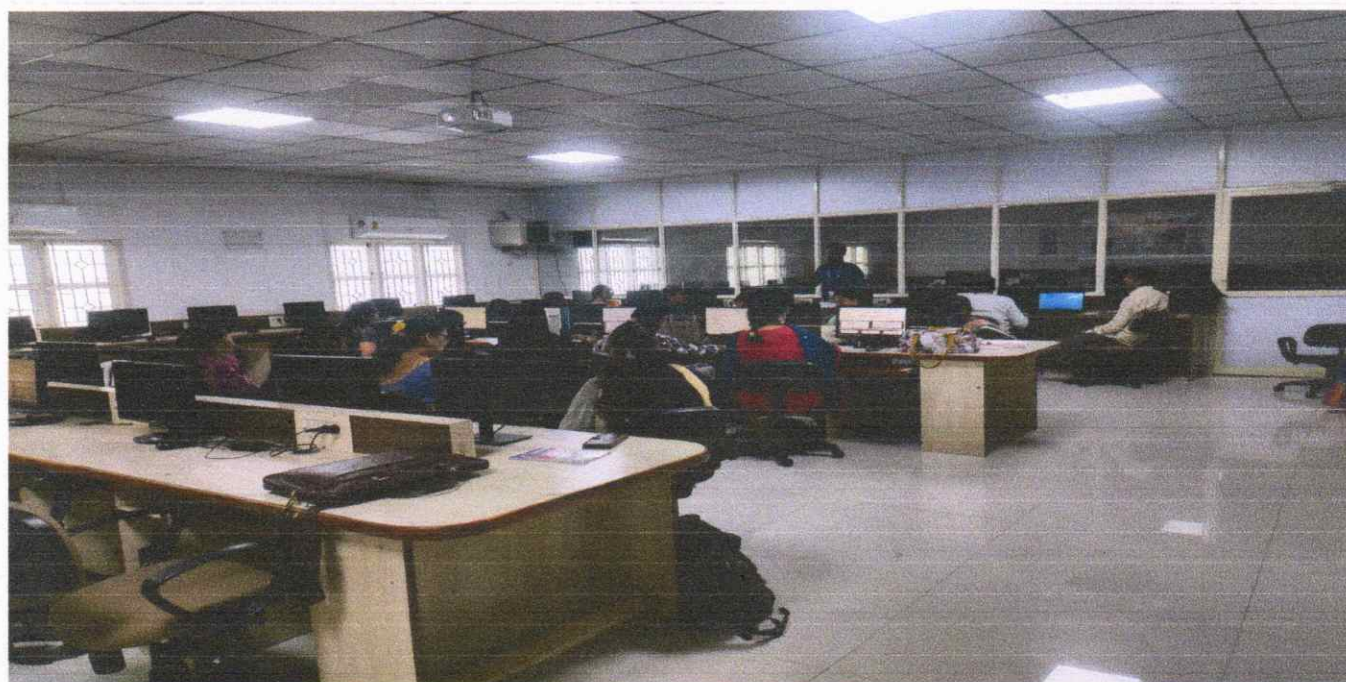
DEPARTMENT NAME: School of Computing Sciences

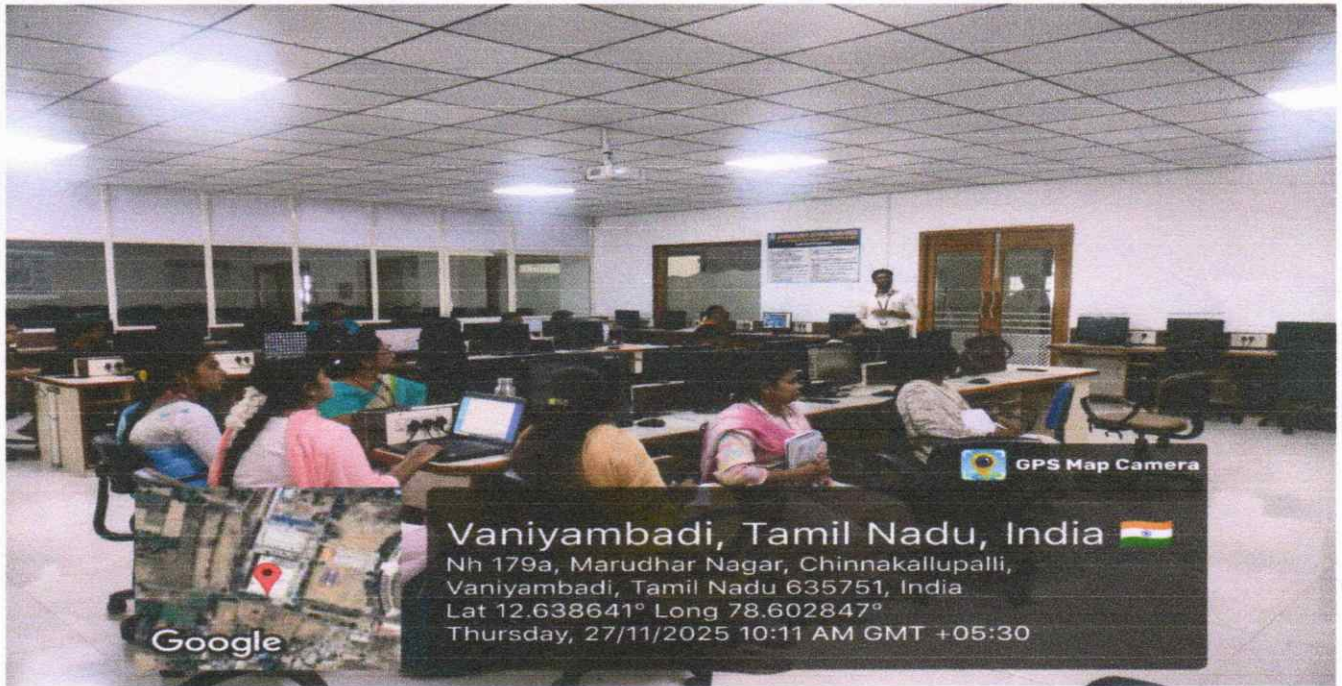
PROGRAMME NAME: Faculty Development Program on "Cyber Security"

VENUE: AV Hall & UG Lab 2

DATE: 24.11.2025 to 28.11.2025

PHOTOS





[Signature]
28/11/2025

ICT ACADEMY COORDINATOR

[Signature]
11/12/26

IQAC COORDINATOR

[Signature]

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