Azadi Ka Amrit Mahotsav Activity

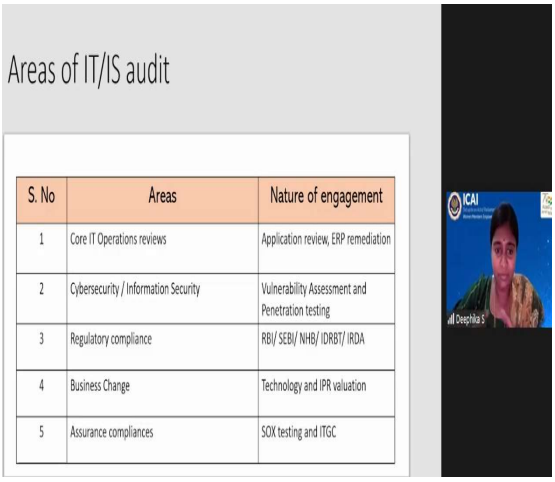
"Sky High- Symposium -14 Virtual CPE Meeting (VCM)" conducted by Women Members Empowerment Committee of ICAI on 13th July 2022

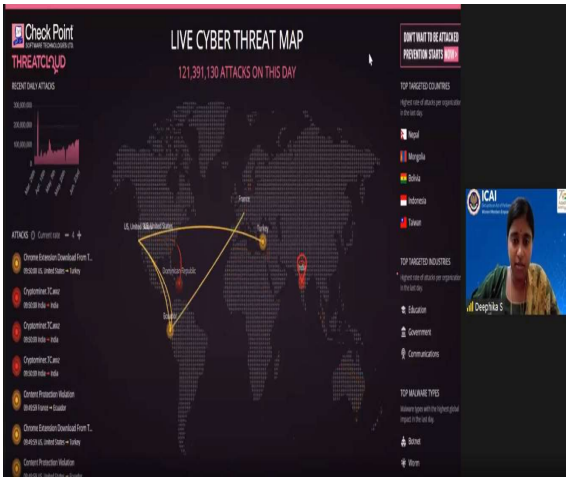
As part of country wide Azadi ka Amrit Mahotsav initiatives, envisaged by Government of India, to commemorate and celebrate 75 years of India's Independence, the Women Members Empowerment Committee (WMEC) of ICAI organized "Sky High- Symposium -14 Virtual CPE Meeting (VCM)" on 13th July 2022.

CA. Deephika S and CA. Vandana Dodhia were speakers of the said VCM. Coordinators for the day were CA. Heenal Furia, CA. Amruta Kulkarni and CA. Meghna Makda.

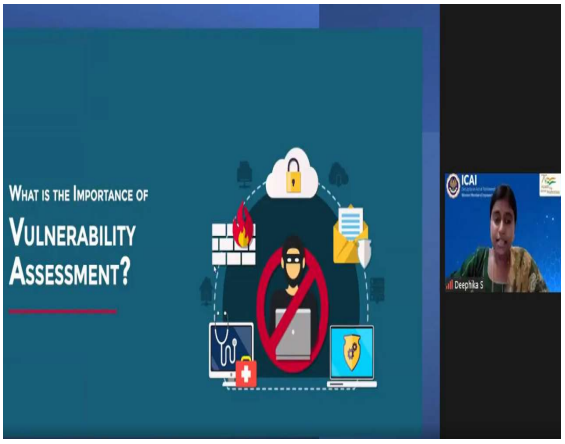
The program was conducted by CA. Priti Savla- Vice-Chairperson, WMEC.

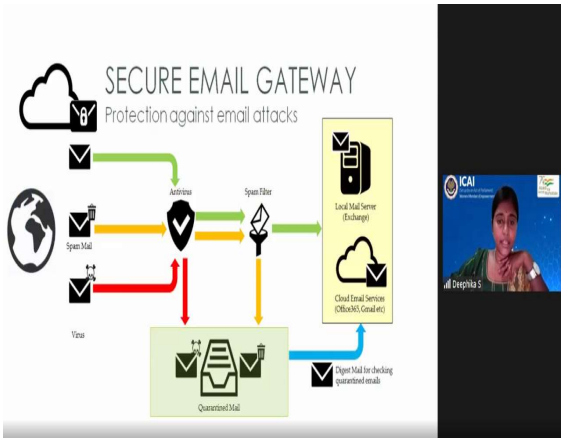
The VCM covered discussion on "Cyber Security Audit Scope and Methodology". Deliberations were made on Areas of IT/IS Audit, Top Cyber threats, Importance of Vulnerability Assessment, Secure Email Gateway, Vulnerability Assessment Process, Areas of Vulnerability Assessment, Cyber Security Assurance, Vulnerabilities in Operating System, database, Types of Vulnerability Assessment Tools, etc.

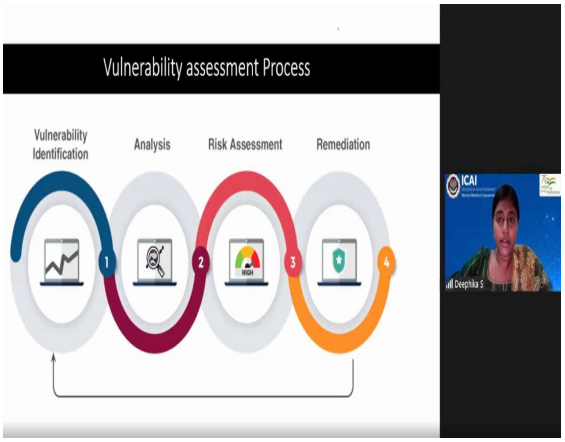


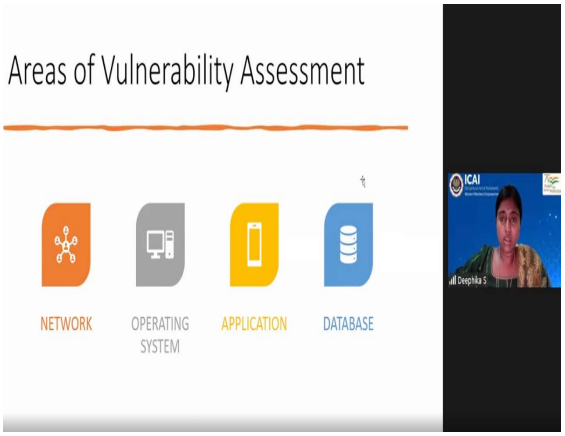


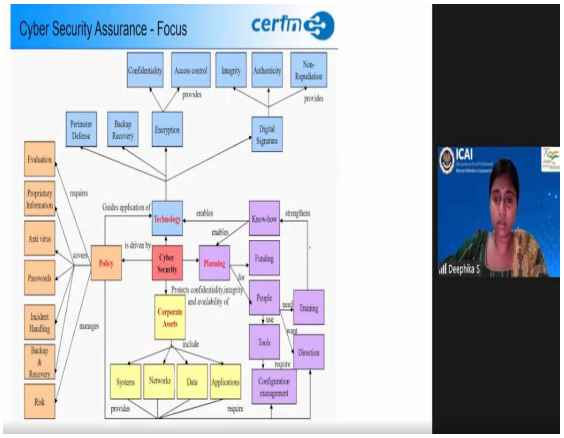
Top Cyber threats
1 Malware
2 Web-based attacks
3 Phishing
4 Web application attacks
5 Spam
6 DDoS
7 Identity theft
8 Data breach
9 Insider threat
10 Botnets
11 Physical manipulation, damage, theft and loss
12 Information leakage
13 Ransomware
14 Cyberespionage
15 Cryptojacking
Deephika S

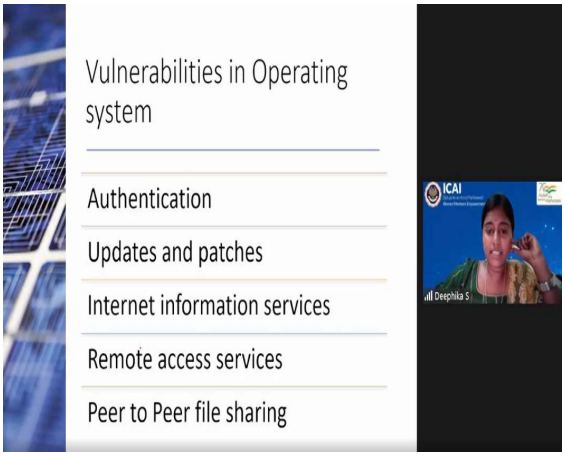

WHAT IS THE IMPORTANCE OF
VULNERABILITY ASSESSMENT?
Deephika S

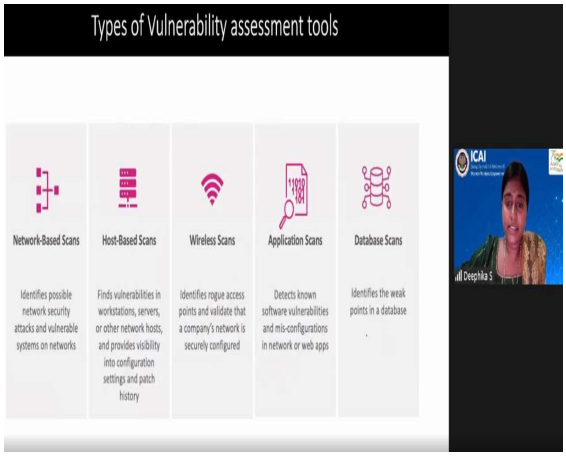

SECURE EMAIL GATEWAY
Protection against email attacks
Antivirus
Spam Filter
Spam Mail
Virus
Local Mail Server (Exchange)
Cloud Email Services (Office365, Gmail etc)
Quarantined Mail
Deephika S


Vulnerability assessment Process
Vulnerability Identification
Analysis
Risk Assessment
Remediation
Deephika S

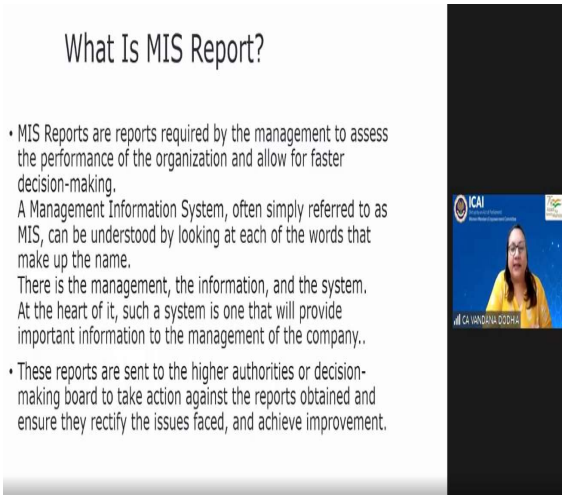

Areas of Vulnerability Assessment
NETWORK
OPERATING SYSTEM
APPLICATION
DATABASE
Deephika S

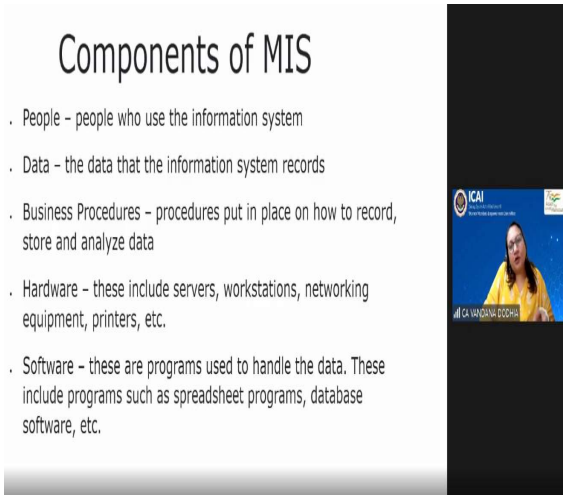

Cyber Security Assurance - Focus
certin
Confidentiality
Access control
Integrity
Authenticity
Non-Repudiation
Perimeter Defense
Backup Recovery
Encryption
Digital Signature
Technology
Know-how
Policy
Cyber Security
Planning
Funding
People
Training
Corporate Assets
Tools
Direction
Systems
Networks
Data
Applications
Configuration management
Deephika S

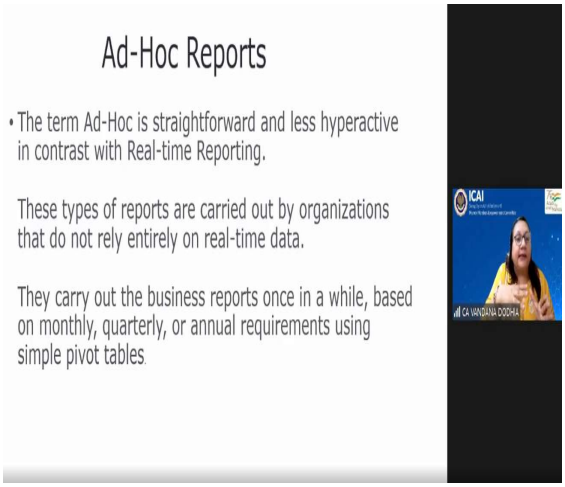

Vulnerabilities in Operating system
Authentication
Updates and patches
Internet information services
Remote access services
Peer to Peer file sharing
Deephika S

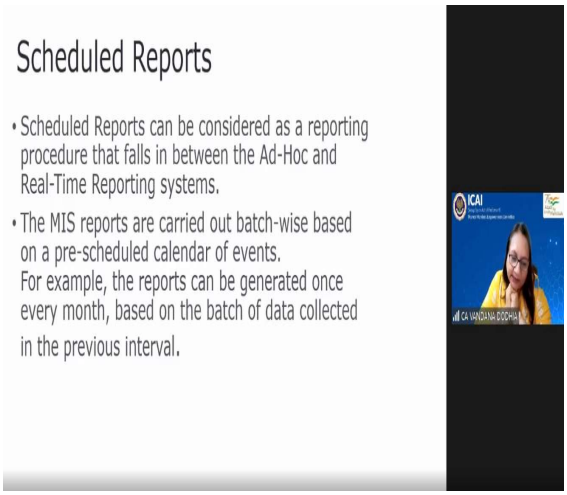

Types of Vulnerability assessment tools
Network-Based Scans
Identifies possible network security attacks and vulnerable systems on networks
Host-Based Scans
Finds vulnerabilities in workstations, servers, or other network hosts, and provides visibility into configuration settings and patch history
Wireless Scans
Identifies rogue access points and validate that a company's network is securely configured
Application Scans
Detects known software vulnerabilities and mis-configurations in network or web apps
Database Scans
Identifies the weak points in a database
Deephika S

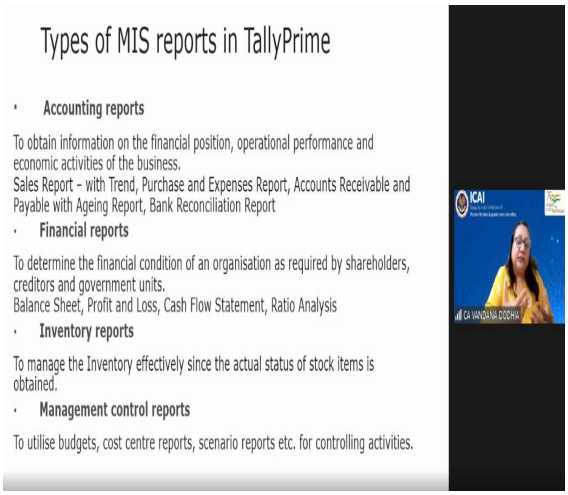
The VCM also covered Session on "MIS Reporting: Key to Success". Topics discussed were Meaning of MIS report, Components of MIS, Real-Time Reports, Ad-Hoc Reports, Scheduled Reports, Types of MIS Reports in Tally Prime, etc.

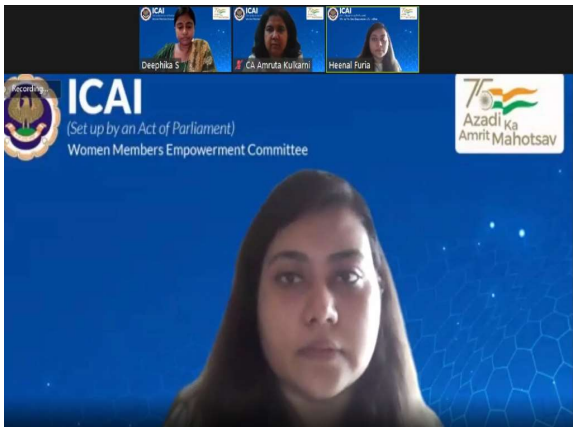










The VCM concluded by giving Vote of Thanks to the Speakers and the participants.

Glimpses of the Virtual CPE Meeting held on 13th July 2022