Skill enhancement session on Hands-on Cyber Defense: Vulnerability Analysis and Secure OS Hardening:

Date: 18.11.2025

Time: 11:00 AM to 12:30 PM

Resource Person: Mr. Param Kalaria, Cyber Security Researcher and Alumnus of GTU-SET

Program Coordinator: Dr. Seema B. Joshi, Assistant Professor (Cyber Security), GTU-SET

Objective of the Event:

The objective of this session was to learn and enhance skill of malware analysis and research.

About the Event:

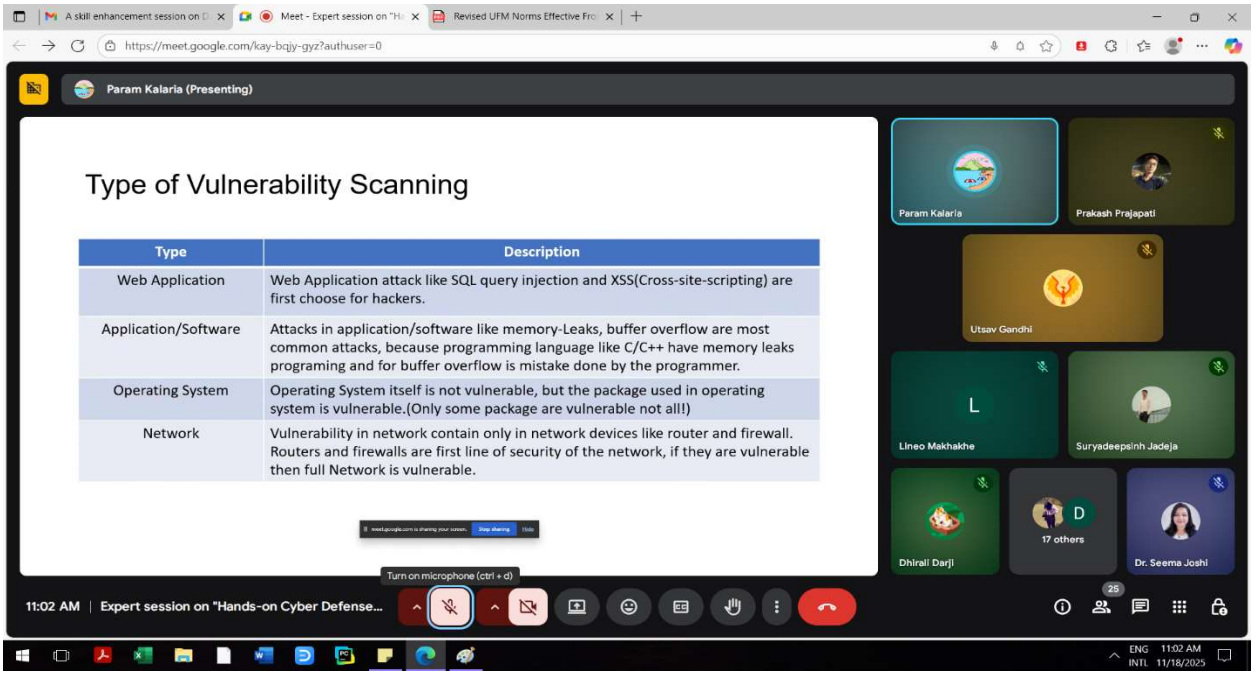
The session *"Hands-on Cyber Defense: Vulnerability Analysis and Secure OS Hardening"* was organized to provide participants with practical exposure to real-world cyber defense techniques. The objective was to strengthen hands-on skills in identifying system vulnerabilities and implementing secure OS hardening practices. The event aimed to bridge the gap between theoretical knowledge and applied cybersecurity defense.

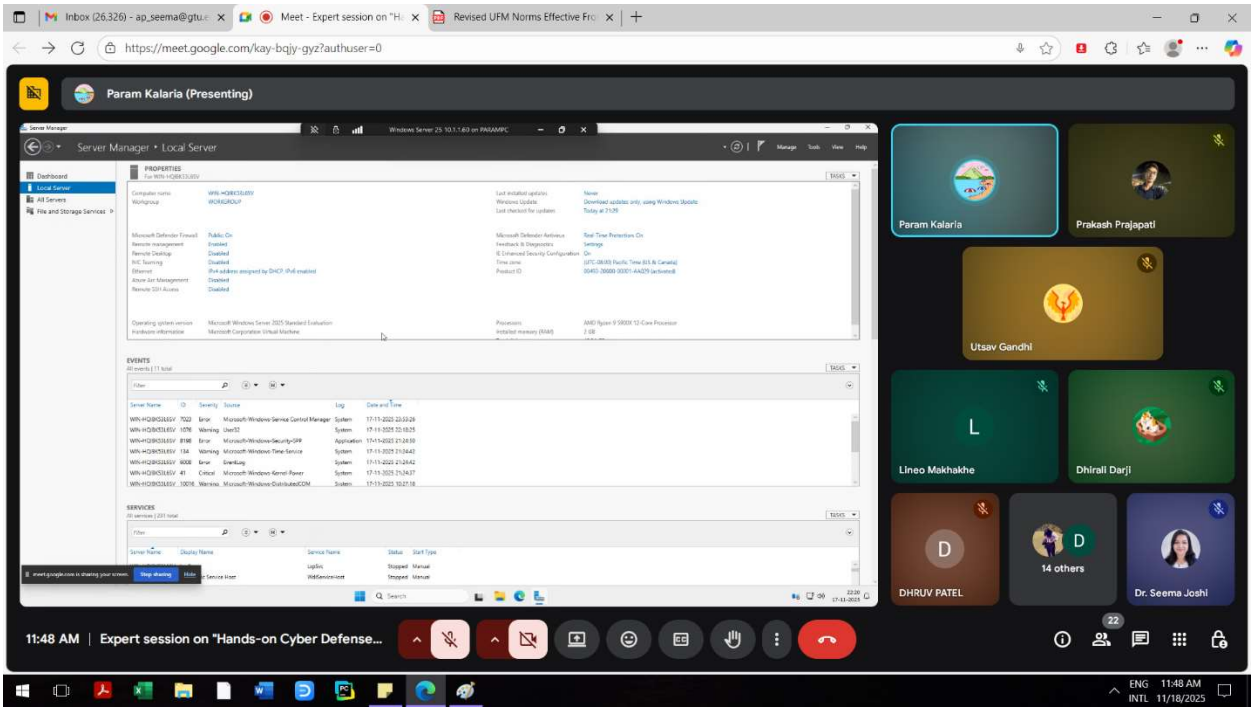
Targeted Audience: GTU-GSET Students of ME CE (Cyber Security).

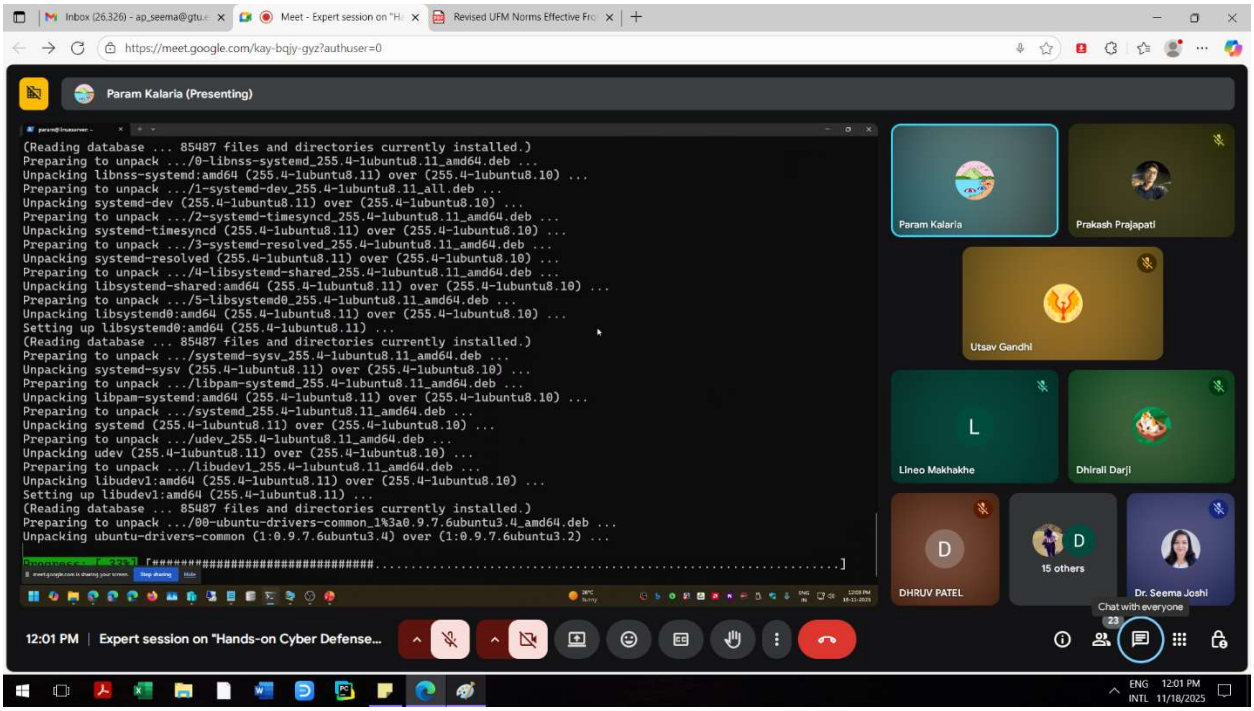
Outcomes:

- As an outcome, participants gained improved technical understanding, practical defense skills, and greater confidence in applying cybersecurity best practices in real-world environments.

Event Photographs:




Inbox (26,326) - ap_seema@gtu.e
Meet - Expert session on "H
Revised UFM Norms Effective Fro
https://meet.google.com/kay-bqjy-gyz?authuser=0
Param Kalaria (Presenting)
Server Manager • Local Server
Param Kalaria
Prakash Prajapati
Utsav Gandhi
L
Lineo Makhakhe
Dhirali Darji
D
DHRUV PATEL
D
14 others
Dr. Seema Joshi
11:48 AM | Expert session on "Hands-on Cyber Defense...
22
ENG 11:48 AM
INTL 11/18/2025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Revised UFM Norms Effective Fro
https://meet.google.com/kay-bqjy-gyz?authuser=0
Param Kalaria (Presenting)
(Reading database ... 85487 files and directories currently installed.)
Preparing to unpack .../0-libnss-systemd_255.4-1ubuntu8.11_amd64.deb ...
Unpacking libnss-systemd:amd64 (255.4-1ubuntu8.11) over (255.4-1ubuntu8.10) ...
Preparing to unpack .../1-systemd-dev_255.4-1ubuntu8.11_all.deb ...
Unpacking systemd-dev (255.4-1ubuntu8.11) over (255.4-1ubuntu8.10) ...
Preparing to unpack .../2-systemd-timesyncd_255.4-1ubuntu8.11_amd64.deb ...
Unpacking systemd-timesyncd (255.4-1ubuntu8.11) over (255.4-1ubuntu8.10) ...
Preparing to unpack .../3-systemd-resolved_255.4-1ubuntu8.11_amd64.deb ...
Unpacking systemd-resolved (255.4-1ubuntu8.11) over (255.4-1ubuntu8.10) ...
Preparing to unpack .../4-libsystemd-shared_255.4-1ubuntu8.11_amd64.deb ...
Unpacking libsystemd-shared:amd64 (255.4-1ubuntu8.11) over (255.4-1ubuntu8.10) ...
Preparing to unpack .../5-libsystemd0_255.4-1ubuntu8.11_amd64.deb ...
Unpacking libsystemd0:amd64 (255.4-1ubuntu8.11) over (255.4-1ubuntu8.10) ...
Setting up libsystemd0:amd64 (255.4-1ubuntu8.11) ...
(Reading database ... 85487 files and directories currently installed.)
Preparing to unpack .../systemd-sysv_255.4-1ubuntu8.11_amd64.deb ...
Unpacking systemd-sysv (255.4-1ubuntu8.11) over (255.4-1ubuntu8.10) ...
Preparing to unpack .../libpam-systemd_255.4-1ubuntu8.11_amd64.deb ...
Unpacking libpam-systemd:amd64 (255.4-1ubuntu8.11) over (255.4-1ubuntu8.10) ...
Preparing to unpack .../systemd_255.4-1ubuntu8.11_amd64.deb ...
Unpacking systemd (255.4-1ubuntu8.11) over (255.4-1ubuntu8.10) ...
Preparing to unpack .../udev_255.4-1ubuntu8.11_amd64.deb ...
Unpacking udev (255.4-1ubuntu8.11) over (255.4-1ubuntu8.10) ...
Preparing to unpack .../libudev1_255.4-1ubuntu8.11_amd64.deb ...
Unpacking libudev1:amd64 (255.4-1ubuntu8.11) over (255.4-1ubuntu8.10) ...
Setting up libudev1:amd64 (255.4-1ubuntu8.11) ...
(Reading database ... 85487 files and directories currently installed.)
Preparing to unpack .../00-ubuntu-drivers-common_1%3a0.9.7.6ubuntu3.4_amd64.deb ...
Unpacking ubuntu-drivers-common (1:0.9.7.6ubuntu3.4) over (1:0.9.7.6ubuntu3.2) ...
Param Kalaria
Prakash Prajapati
Utsav Gandhi
L
Lineo Makhakhe
Dhirali Darji
D
DHRUV PATEL
D
15 others
Dr. Seema Joshi
Chat with everyone
23
12:01 PM | Expert session on "Hands-on Cyber Defense...
ENG 12:01 PM
INTL 11/18/2025