



SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF INFORMATION TECHNOLOGY & ASSOCIATION OF INFORMATION TECHNOLOGISTS

In association with IBM

Solicit your Esteemed Presence for the

Five Days Online FDP

on

"Cyber Security powered by

QRadar and SIEM"

Date: 22.04.2024 to 26.04.2024

A Report

Submitted to the principal
of SVCE
30/04/24

To: HOD-INT
Noted
30/04/24



SRI VENKATESWARA COLLEGE OF ENGINEERING

Pennalur, Sriperumbudur Taluk- 602117

DATE : 22.04.2024 to 26.04.2024
TIME : 11.00 AM
VENUE : Online

AGENDA

- PrayerSong
- Welcome address
- Short note on HOD
- Introduction to Chief Guest
- Special talk by ChiefGuest
- Questionnaire and Feedback
- Vote of Thanks

Event Coordinators

Dr.V.M.Sivagami,Prof/IT

Dr.D.Jayanthi,ASP/IT

Dr.K.KiruthikaDevi,ASP/IT

Dr.S.Kalavathi,AP/IT

Department of Information technology

organizes

Five days Online FDP on
"CyberSecurity and SIEM –Powered by QRadar"
in association with IBM.



Mr. Manoj Kumar Polaki

Chief Technology Officer,
REDSECOPS Cyber India Pvt. Ltd.
4+ Years of Experience



Mr. Vishnu Vardhan K

Information security officer
REDSECOPS Cyber India Pvt. Ltd.
4+ Years of Experience



22 - 26 April, 2024



DURATION
06:00pm to 8.00pm

Reg.
Fee

For Faculty Rs.500

REGISTER NOW ➤



SRI VENKATESWARA COLLEGE OF ENGINEERING

PENNALUR, SRIPERUMBUDUR-602117

REPORT ON Five Days Online FDP on Cyber Security powered by QRadar and SIEM

EVENT DETAILS :

1. Resource Persons : **Mr. Manoj Kumar Polaki, Mr Vishnu Varadhan K**
2. Target Audience : Faculty across all departments
3. Mode : Online
4. Date & Time : 22nd April, 2024- 26th April, 2024

OBJECTIVES :

- To provide foundational cybersecurity concepts and identify the role of Security Information and Event Management (SIEM) systems, specifically QRadar, within cybersecurity frameworks.
- To illustrate the deployment process of QRadar and outline the steps to establish connections with various data sources, such as databases, spreadsheets, and cloud services.
- To Demonstrate practical skills by setting up QRadar and connecting it to multiple data sources to observe and manage security event data.
- To Distinguish between different types of data visualizations (charts, graphs, maps, dashboards) in QRadar, and determine which are most effective for analyzing specific security data insights.
- To Assess the effectiveness of interactive elements in QRadar visualizations for facilitating deeper data exploration, understanding, and security data insights.
- To Design and build interactive dashboards and visualizations within QRadar to support comprehensive analysis and actionable insights in cybersecurity monitoring.
- To Actively participate in discussions and knowledge-sharing sessions focused on QRadar administration best practices, and contribute strategies for optimizing SIEM operations in a cybersecurity context.

About the programme :

Day 1: Inaugural Ceremony and Introduction to Cybersecurity

The five-day online Faculty Development Programme (FDP) began with an introductory ceremony that set a purposeful tone for the event. Ms. Madhumitha R, Executive Member of AIT, skillfully hosted the ceremony, guiding attendees through each segment. Ms. Rashmika R S, also an Executive Member of AIT, added a solemn touch with a prayer song.

Ms. Lekhashree Rajesh, Vice President of AIT, warmly welcomed participants and outlined the FDP's objectives and relevance in today's dynamic academic environment. This was followed by a brief but impactful address from Dr. V. Vidhya, Head of the Department of Information Technology, who underscored the significance of the program's theme and the importance of faculty staying current with technological advancements.

Ms. Keerthana, General Secretary of AIT, introduced the distinguished chief guests, setting the stage for their insightful addresses. The keynote lectures that followed offered participants an in-depth look at current and emerging trends in cybersecurity. The session concluded with an interactive Q&A, where participants enthusiastically engaged, seeking clarifications and deeper insights.

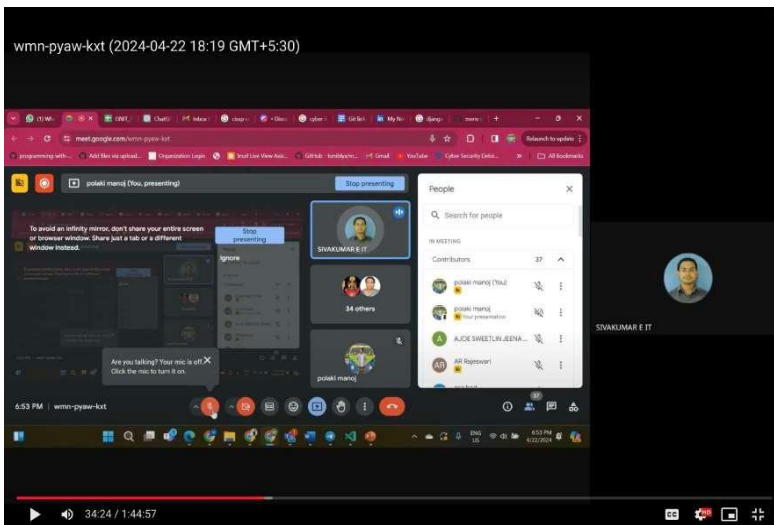
The main focus of the first session was an Introduction to Cybersecurity, covering a range of foundational topics. The speaker outlined the two primary types of cyber-attacks: active attacks, involving data manipulation, and passive attacks, which are more covert. Participants gained insight into various hacker types—black hat, white hat, and grey hat—and their ethical implications, as well as the broader societal impact of hacking. The day concluded with an exploration of the phases of hacking, giving participants a comprehensive understanding of the evolution of cyber threats.

Day 1 -Photos

Types of Attacks



Interaction With Participants

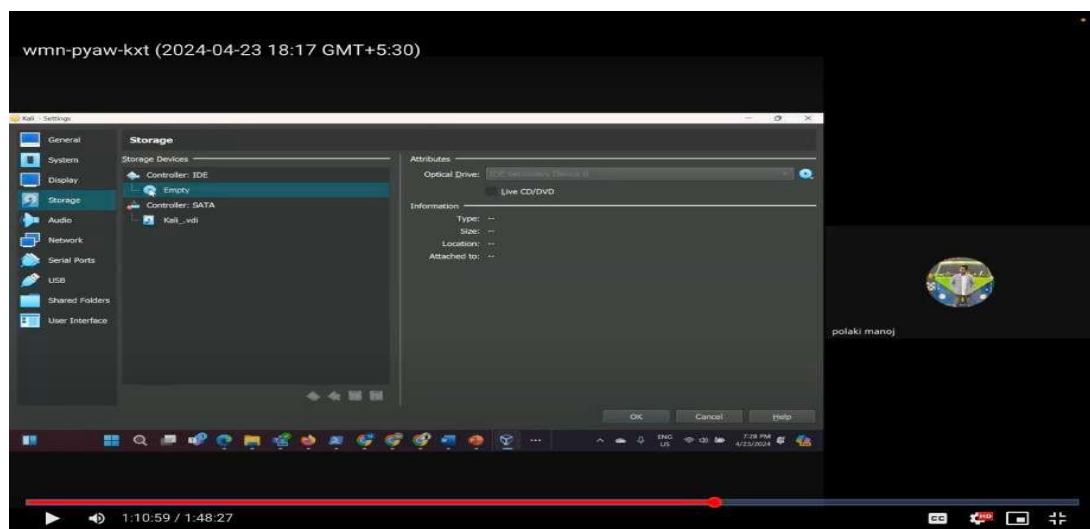
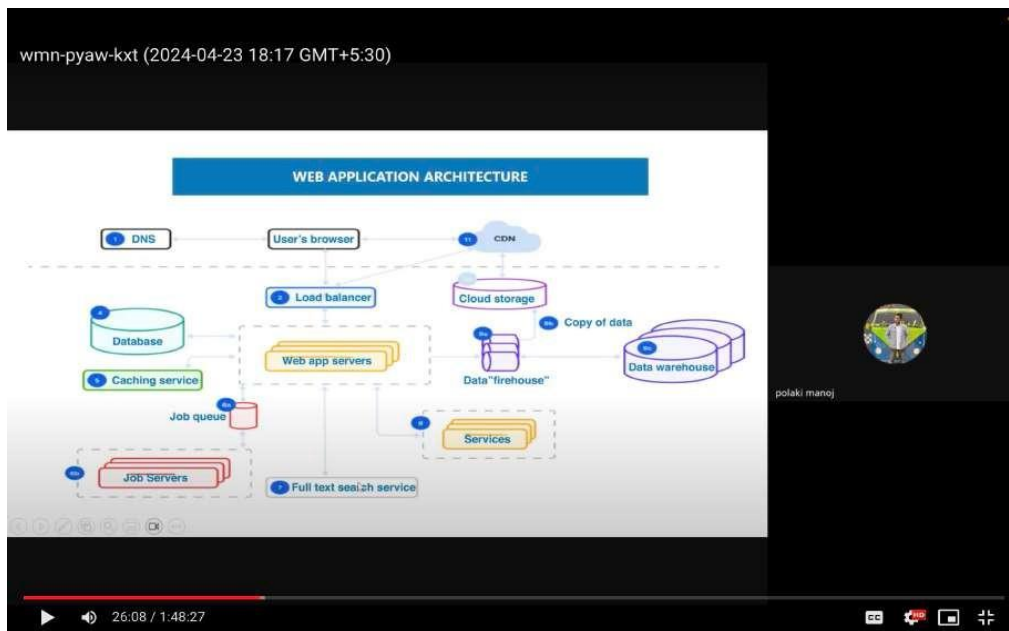


Day 2: Web Applications and Cybersecurity Tools

On the second day of the FDP, the focus shifted to Web Application Security, exploring common vulnerabilities that frequently impact web applications. The session began with an overview of different types of web applications, emphasizing how these are increasingly becoming primary targets for cybercriminals. Participants were introduced to OWASP (Open Web Application Security Project), a well-established framework aimed at enhancing web security.

A live demonstration featuring Kali Linux was a highlight of the day, allowing participants to witness firsthand how penetration testing is performed and the types of vulnerabilities that can be uncovered using this powerful tool.

Day 2- Photos



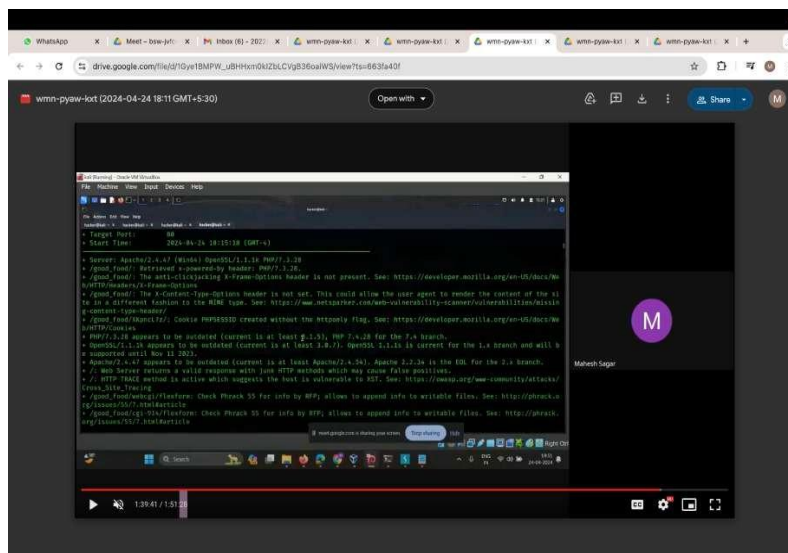
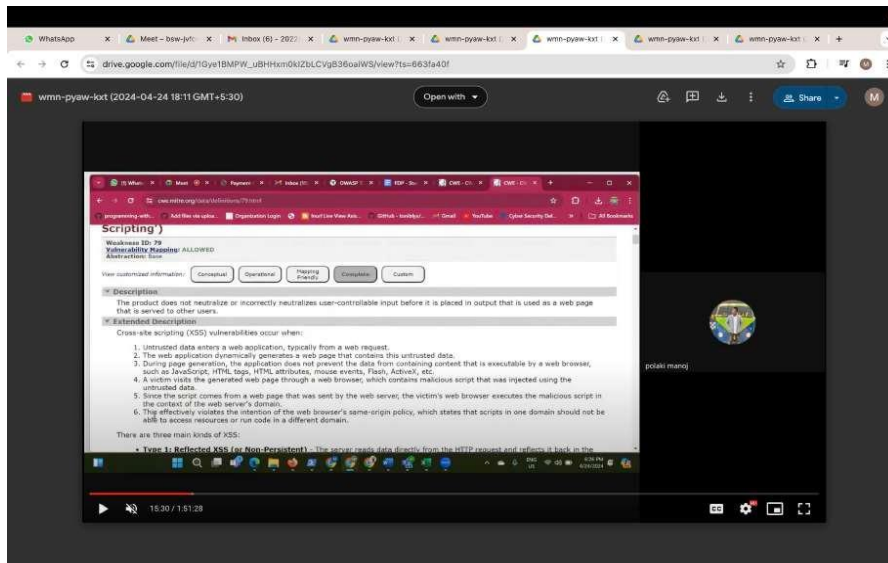
Introduction to Web Application, Live Demonstration

Day 3: Clickjacking and Security Operations Center (SOC)

On the third day, participants explored into the concept of Clickjacking, a malicious tactic attackers use to deceive users into clicking on unintended elements. The speaker shared real-life examples of clickjacking attacks and demonstrated strategies for mitigating such threats.

The session also covered the functions of a Security Operations Center (SOC), the central unit responsible for monitoring, detecting, and responding to cybersecurity incidents within an organization. Participants were introduced to the various roles within a SOC, the tools used to manage security, and how real-time analysis of security events is conducted. Emphasis was placed on the importance of strong SOC operations as a critical defense against evolving cyber threats.

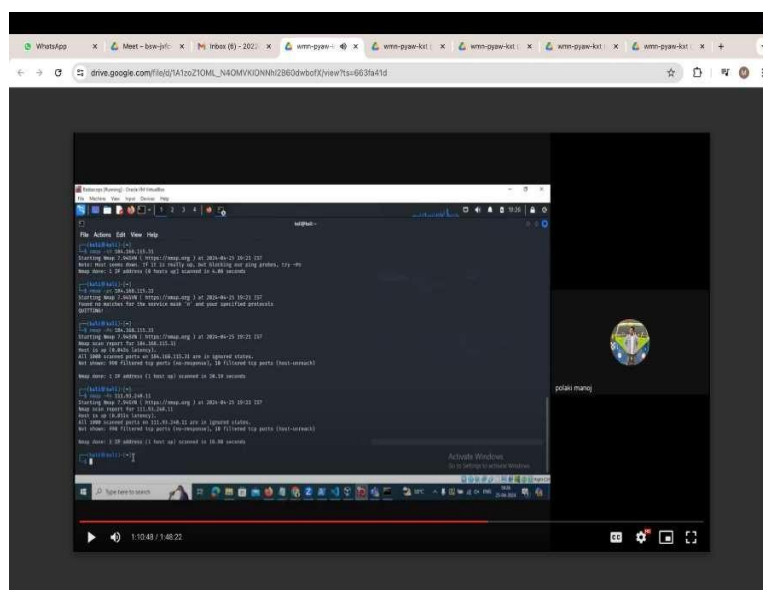
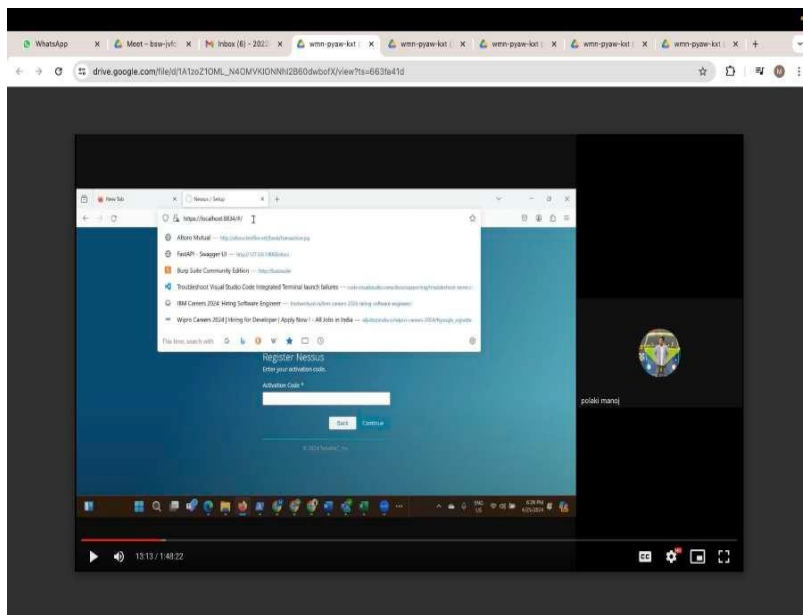
Day 3 Photos- OWASP, Clickjacking



Day 4: SIEM and Nessus Tool

Day four centered on SIEM (Security Information and Event Management) tools and their vital role in detecting and responding to security threats in real-time. Participants explored how SIEM tools can analyze extensive log data and identify potential threats through correlation and pattern analysis.

The session's practical component included a demonstration of Nessus, an open-source vulnerability scanner that assists in identifying system weaknesses within an organization. The speaker guided participants through the use of Nessus, underscoring its significance in effective risk management and mitigation.



Day 4-Nessus Installation setup and SOC

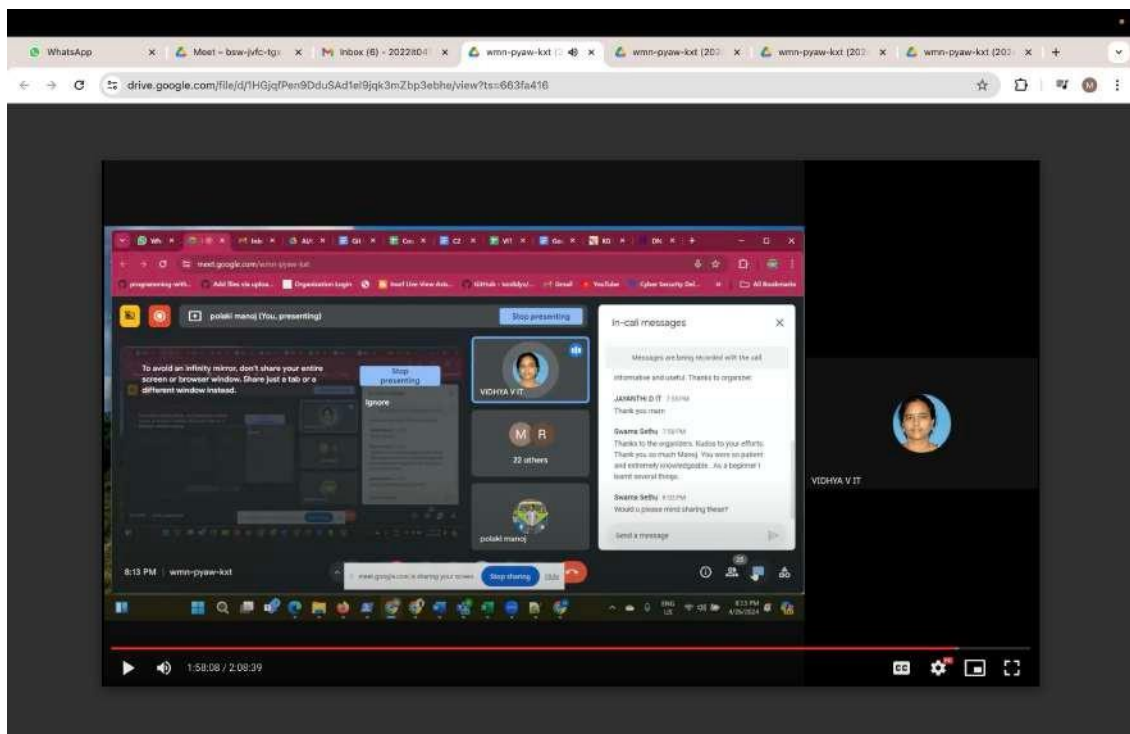
Day 5: Splunk Enterprise and Valedictory Ceremony

The final day of the FDP concentrated on Splunk Enterprise, a popular platform for searching, monitoring, and analyzing machine-generated big data. Through live demonstrations, participants learned how Splunk can be used to efficiently manage logs, monitor system health, and perform real-time analysis of security events.

The five-day FDP concluded with a Valedictory Ceremony. Ms. Rashmika R S, Executive Member of AIT, opened the ceremony with a heartfelt prayer song, setting a respectful tone for the final proceedings. She then delivered the welcome address, followed by a brief yet meaningful speech from Dr. V. Vidhya, Head of the Department of Information Technology.

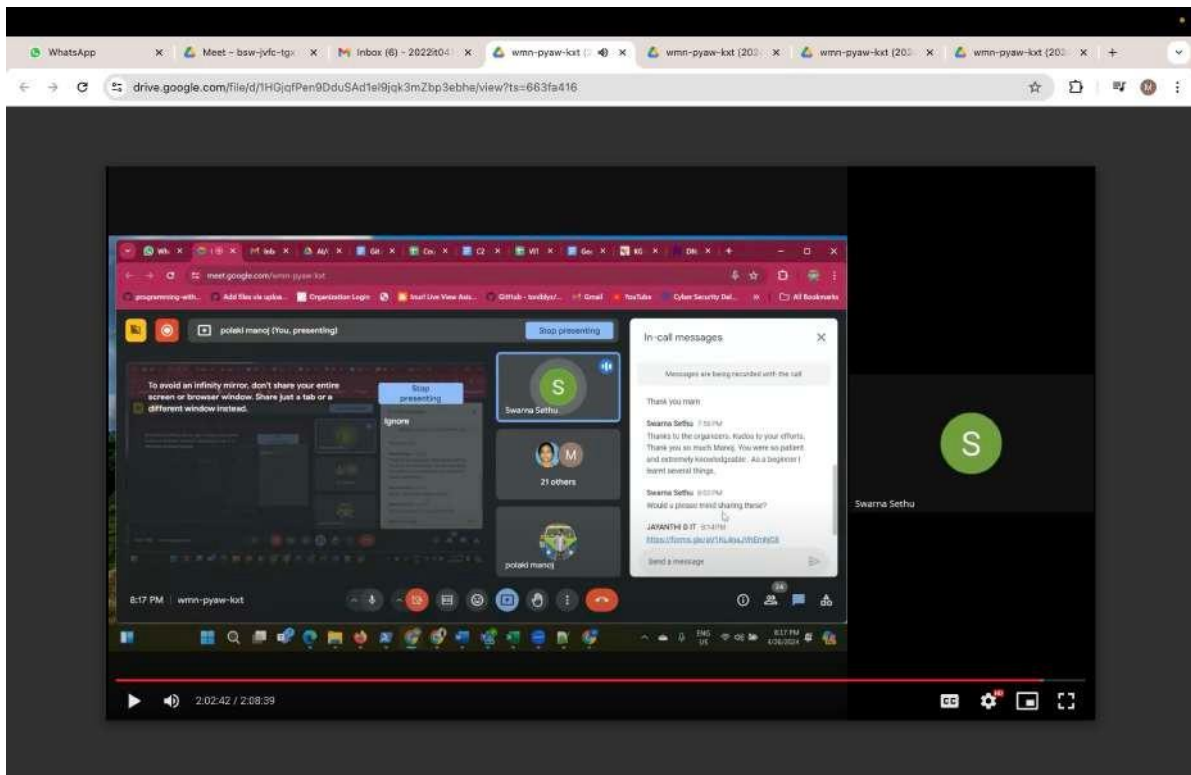
Participants shared their feedback, expressing the value gained from the sessions. The FDP concluded with a vote of thanks by Mr. Sanjeev Kumar J, Executive Member of AIT, who acknowledged the contributions of the speakers, organizers, and participants. The chief guests were honored with tokens of appreciation for their invaluable insights throughout the event

Day 5- Valedictory ceremony- Prayer Song, Welcome address by Rashmika R S



Short Note by Dr.V.Vidhya,HOD/INT

Feedback session by participants



Presentation of Emento and vote of thanks by Sanjeev Kumar J

V.M.dj. A. Chivara

Sanjeev Kumar J

AIT COORDINATORS

HOD/INT



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Pennalur, Sriperumbudur Taluk - 602117

DEPARTMENT OF INFORMATION TECHNOLOGY
&
Association of Information Technologists
In association with IBM

Solicit your esteemed presence for the

Inaugural function of Five Days Online FDP

On

“Cyber Security and SIEM-Powered by QRadar”

by

Mr.ManojKumar Polaki
Chief Technology Officer

&

Mr.Vishnu Varadhan.K
Information Security Officer
REDSECOPS Cyber India
Pvt Ltd

DATE : 22.04.2024
TIME : 6.00 PM
VENUE : OnlineMode(<https://meet.google.com/wmn-pvaw-kxt>)



SRI VENKATESWARA COLLEGE OF ENGINEERING
Pennalur, Sriperumbudur Taluk - 602117

DEPARTMENT OF INFORMATION TECHNOLOGY
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Valedictory function of Five Days Online FDP

On

“Cyber Security and SIEM-Powered by QRadar”

by

Mr. Manoj Kumar Polaki
Chief Technology Officer

&

Mr. Vishnu Varadhan.K
Information Security Officer

REDSECOPS Cyber India Pvt
Ltd & IBM QRadar Team

DATE : 26.04.2024

TIME : 8.00 PM

VENUE : Online Mode (<https://meet.google.com/wmn-pyaw-kxt>)

Attendance

S.No	Name	Designation	College
1.	ANITHA D	Asst professor	St. Peter's College of Engineering and Technology
2.	Vijay Sai R	Assistant Professor	K. S. Rangasamy college of technology
3.	Jaya lakshmi A	Assistant Professor	Gojan School of Business and Technology
4.	Dr. V.R.VIMAL	Professor	Saveetha School of Engineering
5.	Dr.T.Dhanalakshmi	Associate Professor	Jerusalem College of Engineering
6.	MAHESWARI M	ASSOCIATE PROFESSOR	DMI COLLEGE OF ENGINEERING
7.	Niyati Kumari Behera	Assistant professor	BSAR Crescent Institute of Science and Technology
8.	Dr.M.K.Sandhya	Professor	Meenakshi Sundararajan Engineering College
9.	K.Suresh	Associate Professor	Sri Venkateswara College of engineering
10.	N Selvaganesh	Assistant Professor	SVCE
11.	Rajasekaran G	AI&DS	Dhaanish ahmed college of engineering
12.	P. Velavan	Prof & Head	Dhaanish Ahmed College of Engineering
13.	Narmadha	Research Scholar	Sri Venkateswara College of Engineering
14.	Divya Bharathi	Assistant professor	Panimalar engineering College
15.	Dr.G.Sumathi	Professor	SVCE
16.	Mr.AR .GuruGokul	Assistant Professor	SVCE
17.	Dr.S.kalavathi	Assistant Professor	SVCE
18.	Dr.V.M.Sivagami	Professor	SVCE
19.	Dr.D.Jayanthi	Associate Professor	SVCE
20.	Dr.K.KiruthikaDevi	Associate Professor	SVCE

Total number of participants: 22

Number of speakers: 02


Number of External faculty attended: 12, Number of Internal Faculty attended: 10

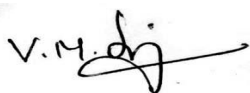
Feedback

S.No	Name	Designation	College	What are your key takeaways from the webinar?	Any additional comments or suggestions
1.	ANITHA D	Asst professor	St. Peter's College of Engineering and Technology	Importance of Cyber security,	Excellent presentation
2.	Vijay Sai R	Assistant Professor	K. S. Rangasamy college of technology	Importance of Cyber security,	Excellent presentation
3.	Jaya lakshmi A	Assistant Professor	Gojan School of Business and Technology	Nessus tools And Kali linux	Informative session
4.	Dr. V.R.VIMAL	Professor	Saveetha School of Engineering	Cyber security	Useful and informative
5.	Dr.T.Dhanalakshmi	Associate Professor	Jerusalem College of Engineering	Knowledge on cyber security	Good Session
6.	MAHESWARI M	ASSOCIATE PROFESSOR	DMI COLLEGE OF ENGINEERING	Cyber security	Useful and informative
7.	Niyati Kumari Behera	Assistant professor	BSAR Crescent Institute of Science and Technology	Importance of Cyber security	Informative lecture
8.	Dr.M.K.Sandhya	Professor	Meenakshi Sundararajan Engineering College	Cyber security and Management	Informative
9.	K.Suresh	Associate Professor	Sri Venkateswara College of engineering	Cyber security models	Informative session
10.	N Selvaganesh	Assistant Professor	SVCE	Nessus tools And Kali linux	Excellent presentation
11.	Rajasekaran G	AI&DS	Dhaanish ahmed college of engineering	Cyber security	Useful and informative
12.	P. Velavan	Prof & Head	Dhaanish Ahmed College of Engineering	Information towards QRadar Tools	Useful and good
13.	Narmadha	Research Scholar	Sri Venkateswara College of Engineering	Importance of Cyber security	Useful and informative
14.	Divya Bharathi	Assistant professor	Panimalar engineering College	Cyber security	Excellent presentation
15.	Dr.G.Sumathi	Professor	SVCE	Information towards QRadar Tools	Useful and informative
16.	Mr.AR .GuruGokul	Assistant Professor	SVCE	Nessus tools And Kali linux	Informative session
17.	Dr.S.kalavathi	Assistant Professor	SVCE	Importance of Cyber security	Useful and good
18.	Dr.V.M.Sivagami	Professor	SVCE	Information towards QRadar Tools	Very informativ and useful
19.	Dr.D.Jayanthi	Associate Professor	SVCE	Nessus tools And Kali linux	Excellent presentation
20.	Dr.K.KiruthikaDevi	Associate Professor	SVCE	Importance of Cyber security	Informative Session
21.	Dr.V.Vidhya	Professor & Head	SVCE	Knowledge on cyber security	Excellent presentation
22.	Dr.T.Sukumar	Professor &AHOD	SVCE	Importance of Cyber security	Very informativ and useful

SRI VENKATESWARA COLLEGE OF ENGINEERING
FEEDBACK FROM THE SPEAKER
FIVE DAYS ONLINE FDP on CyberSecurity powered by QRadar and SIEM

DEPARTMENT :INFORMATION TECHNOLOGY

Name of the Speaker	:	Mr.Manoj Polaki
Designation	:	Chief technology officer
Institution/University/Organisation:		REDSECOPS Cyber India Pvt Ltd
Mobile / E-mail	:	polakimanoj@gmail.com 9063424447
Title of the Lecture	:	Five days online FDP on” CyberSecurity powered by QRadar and SIEM”
Date	:	22.04.2024 and 26.04.2024
Time	:	6:00 P.M. to 8:00 PM
Venue	:	Online
Comments by the Speaker	:	Active participants and Good session to handle.
Suggestions for improvement	:	Hands on session will be of more useful.
Signature of the Speaker	:	



Signature of Coordinator s



Signature of HOD