



# Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya

[SCSVMV]

[Deemed to be University U/S 3 of the UGC Act 1956]

Accredited with 'A' Grade by NAAC

Enathur, Kanchipuram-631561

## Department of Computer Science and Engineering

### Geekistan Club

### (Students Technical Club)

## Cyber Security workshop report (07.08.24)

### 1. Introduction

The Cyber Security Workshop was held on 07.08.2024 at CSE seminar Hall. The workshop was organized by Geekistan Club (Students Technical Club) Department of CSE, SCSVMV Deemed to be University with the aim of enhancing the participants' understanding of cyber security threats, vulnerabilities, and best practices for safeguarding digital assets. The event was attended by students and enthusiasts interested in cyber security.

### 2. Objectives

The primary objectives of the workshop were:

- To educate participants about the latest trends and challenges in cyber security.
- To demonstrate practical techniques for securing systems and data.
- To provide hands-on experience in identifying and mitigating cyber threats.
- To foster a community of practice among cyber security professionals and learners.

### 3. Workshop Overview

The workshop was structured into several sessions, each focusing on a different aspect of cyber security:

#### Session 1: Introduction to Cyber security

- Overview of cyber security concepts and importance.
- Discussion on the evolution of cyber threats and their impact on businesses and individuals.
- Presentation on the current cyber security landscape.

#### Session 2: Understanding Cyber Security

- Introduction about Cyber Security

- Importance of Cyber Security
- Common Misconceptions
- Job roles in the vast fields of Cyber Security.

### **Session 3: Introduction about Linux**

- Introduction about Linux
- Importance of Linux in security field
- Basic Commands of Linux
- Game

### **Session 4: Best Practices in Cyber security**

- Discussion on best practices for securing networks, applications, and data.
- Guidelines on creating strong passwords, using multi-factor authentication, and implementing security policies.
- Presentation on the importance of regular security audits and updates.

### **Session 5: Incident Response and Management**

- Password Managers
- Multi Factor Authorization
- Cryptography
- Breaches and Consequences

## **4. Key Takeaways**

- **Awareness:** Participants gained a deeper understanding of the various types of cyber threats and the potential impact of cyber security breaches.
- **Practical Skills:** The hands-on sessions equipped participants with practical skills in Linux vulnerability assessment, and incident response.
- **Best Practices:** Emphasis was placed on the importance of adopting and maintaining best practices in cyber security to protect against potential threats.
- **Networking:** The workshop provided an opportunity for attendees to network with other professionals in the field, facilitating the exchange of knowledge and experiences.

## **5. Feedback and Suggestions**

Feedback from participants was overwhelmingly positive. Many appreciated the balance between theoretical knowledge and practical application. However, some suggestions for improvement included:

- Extending the duration of hands-on sessions for more in-depth practice.
- Including more case studies of real-world cyber security incidents.
- Offering advanced workshops for participants with prior cyber security experience.

## **6. Conclusion**

The Cyber Security Workshop was a successful event that met its objectives of educating and empowering participants in the field of cyber security. The knowledge and skills gained from the workshop will undoubtedly contribute to better protection of digital assets in both personal and professional contexts. Future workshops should continue to build on this foundation, incorporating participant feedback to enhance the learning experience.

## Schedule for Cybersecurity Workshop (Date: 07/08/2024)

S. No	Timings	Agenda
1	10:00 to 10:05AM	Prayer
2	10:05 to 10:10 AM	Introduction to Club and the Workshop by Saketh Sharma IV BE CSE
3	10:10 to 10:20 AM	
4	10:10 to 10:30AM	Speech by Dr.R.Prema AP/CSE Coordinator
5	10:30 to 11:30AM	Session by Manohar Sharma IV BE CSE
6	11:30 to 11:40AM	BREAK
7	11:40 to 12:40PM	Session by Pravallika III BE CSE
8	12:40 to 2:00PM	LUNCH
9	2:00 to 3:00PM	Session by Srinivasa Aditya III BE CSE
10	3:00 to 3:30PM	Q&A, Speech by Coordinator, Vote of Thanks
11	3:30PM	END OF WORKSHOP.

### Sessions

S.NO	Speakers	Topics
1	Manohar Sharma IV BE CSE (Forenoon)	<ul style="list-style-type: none"> <li>● Introduction about Cyber Security</li> <li>● Importance of Cyber Security</li> <li>● Common Misconceptions</li> <li>● Job roles in the vast fields of Cyber Security.</li> </ul>
2	Pravallika III BE CSE (Forenoon)	<ul style="list-style-type: none"> <li>● Introduction about Linux</li> <li>● Importance of Linux in security field</li> <li>● Basic Commands of Linux</li> <li>● Game</li> </ul>
3	M. Srinivasa Aditya III BE CSE (Afternoon)	<ul style="list-style-type: none"> <li>● Password Managers</li> <li>● Multi Factor Authorization</li> <li>● Cryptography</li> </ul>

		<ul style="list-style-type: none"><li>• Breaches and Consequences</li></ul>
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**Faculty coordinator**

Dr.R.Prema

Assistant Professor

Dept. of CSE

SCSVMV Deemed to be University

Kanchipuram

**Students Coordinator**

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| 1.VUPPALADHADIUM SAI SAMARTH SAKETH | IV BE CSE |
| 2.SRI RAMAKRISHNAN. S               | IV BE CSE |
| 3.CHALAMCHARLA BHAVANAPRIYA         | IV BE CSE |