

SRI VENKATESWARA COLLEGE OF ENGINEERING
(Autonomous, Affiliated to Anna University)
Pennalur, Sriperumbudur-602117



COMPUTER SOCIETY OF INDIA

SVCE STUDENT CHAPTER

REPORT

On

WORKSHOP ON INFORMATION SECURITY

Date: 24/01/24

Venue: Modern Computing Laboratory

(IT department - 2nd floor)

Time: 9:00 am - 3:00pm

To: HOD
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Submitted to the principal

04/03/24



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WORKSHOP- INFORMATION SECURITY

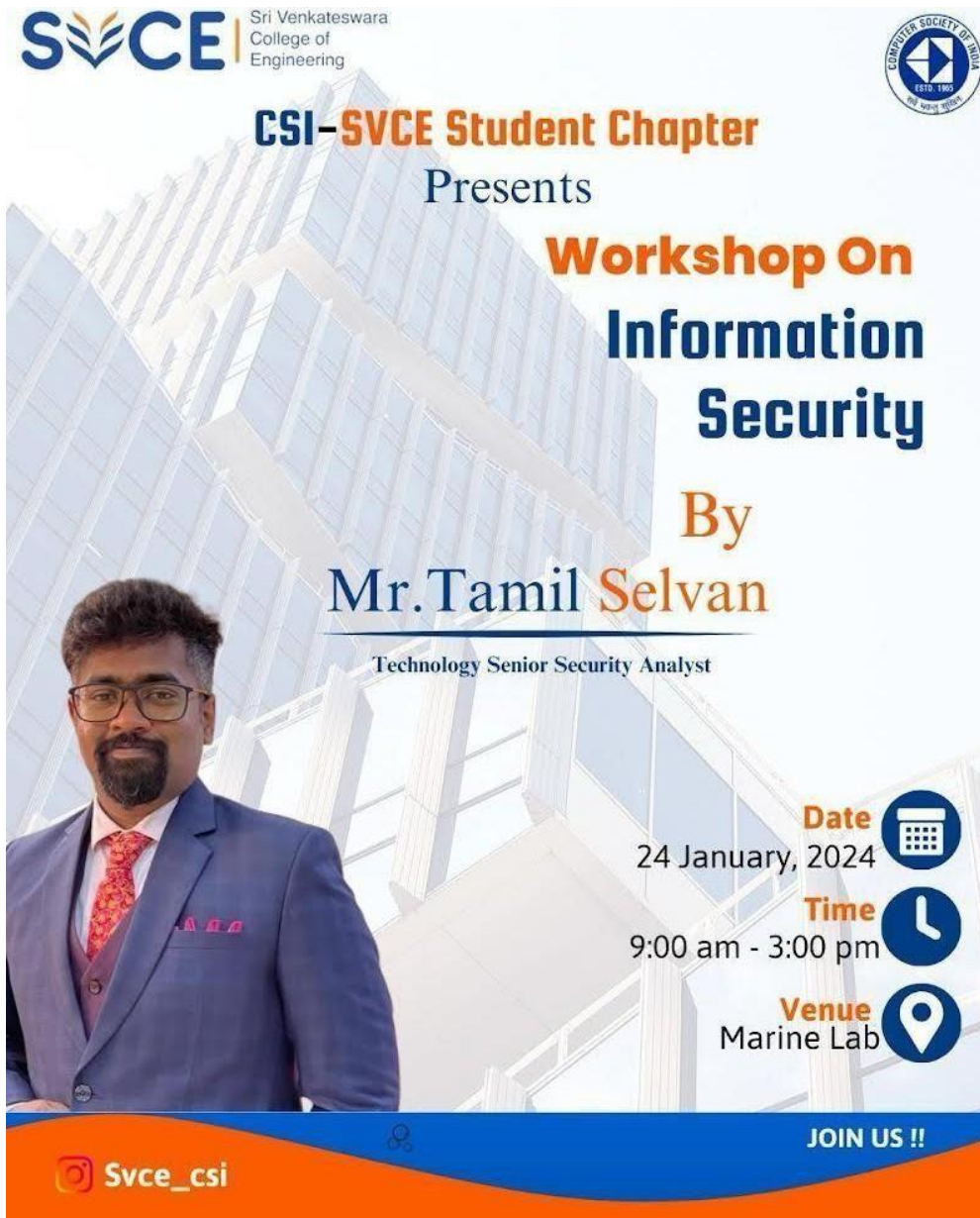
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SVCE Sri Venkateswara College of Engineering

CSI-SVCE Student Chapter
Presents

Workshop On Information Security


By
Mr. Tamil Selvan
Technology Senior Security Analyst

Date 24 January, 2024

Time 9:00 am - 3:00 pm

Venue Marine Lab

JOIN US !!

 **Svce_csi**

PROFILE OF Mr.TAMILSELVAN

TAMILSELVAN ANANDAN

*tamilselvan.anandan01@gmail.com | linkedin.com/in/tamilselvan-anandan-29868088 | Tamil Nadu – 632002
tryhackme: hulk121*

Multi-faceted aspirant with 4years 2months of experience in IT industry, passionate towards learning security and striving for a challenging environment to share & improvise the skills along with organizational growth.

EXPERIENCE

Technology Senior Security Analyst (July'21 – current date, Full time employee)
Accenture Solutions India Private Limited, Chennai, Tamilnadu

- Conduct compliance audits for client-facing projects across various industry (Financial Services, Life Sciences, Health and Public Services, Retail, etc.) on IT general controls & client security requirements.
- Creating Compliance Audit reports and oversee implementation of corrective action plans while maintaining communication with all the levels of management.
- Risk assessment on the security exceptions for blocked URLs causing delivery deviations
- ISO 27001
 - Conducted ISMS assessments for functions (IT, Workplace).
 - Facilitated the external certification/assurance (ISO/IEC 27001, client/ 3rd Party) Audit for Accenture India technology Centers, certified by BSI.
- SSAE18
 - Conducted the SSAE18 SOC1 & SOC2 internal assessment for ATCI projects
 - Facilitated the external SSAE 18 SOC1 & SOC2 assessments attested by EY.
- Infosec awareness to new joiner orientations for freshers, laterals and during infosec audits at an account level.

Internal Security Auditor (July'20 – March'21, Internship)

Virtusa Consulting Services Private Limited, Chennai, Tamilnadu

- Contributed in development of unified set of controls to organization in line with NIST 800-53SP, ISO 27001:2013, NIST CSF HITRUST CSF v6, PCI-DSS v3.2.1, CIS v7.1.
- Conducted information security audits against client security requirements for industry: Banking, Health Science and ISMS – Functional audits.
- Performed periodic tracking of open gaps identified to ensure relevant preventive and corrective action taken audit closure.

Associate Software Developer (October'17 - July'19, Fulltime employee)

Accenture Solutions India Private Limited, Bengaluru, Karnataka

- Mapped codes of data transactions in IBM DataStage as per the business requirements.
- Performed Database (SQL) administrator and file management with Unix.
- Performed Tivoli workload scheduler (TWS) engine related activities:
 - Scheduled data transaction batch jobs.
 - Ownership for RCA and responsive action in case of job failures.

EDUCATION

M.Tech in Computer Science and Engineering with Specialization in Information Security
Vellore Institute of Technology, Vellore with 8.50 CGPA (July'2019 – May'2021)

Bachelor of Engineering: Electronics and Communications Engineering
Valliammai Engineering College – Kanchipuram with 6.51 CGPA (August'2013 - May'2017)

CONFERENCE

- Best research paper award in 19th International Conference on Science, Engineering and Technology for “An Adaptive Image Encryption Algorithm Based on Chaos Theory”.
- “Civilian Communication System during Exigency using Software Defined Radio” in National Conference on Electronics, Communication and Computing (NCECC-2017).

CERTIFICATIONS

- ISO27001: 2022 Lead auditor
- CompTIA Pentest+
- Microsoft - AZ900, PL900
- ICSI – Certified Network Security Specialist
- Fortinet – Network Security Associate (Level 1 & Level 2)

AREA OF INTEREST

- Governance, Risk, and Compliance
- Vulnerability Assessment and Penetration Testing
- Network monitoring & security

SKILLS

- Security Tools: Nessus/ Nmap/ Nikto/ Burpsuite/ Metasploit/ Wireshark
- OS: Linux/ Windows
- Languages: C/ Python/ Bash/ SQL
- Data processing Tools: SAP BO/ Informatica/ IBM DataStage

ACCOMPLISHMENTS

- First Runner up in CTF conducted by Virtusa
- 3rd place in CTF(*Hidden in Plain Sight*) conducted by TwinTech solutions

OTHER DETAILS

- Hobbies: Motorist/ Twitcher/ Aquarists.
- Languages known: English, Tamil.

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PROFILE OF Mr.PREETHAM ARAVAMUDU



Preetham Aravamudu
Masters of Tech. in Information Security, VIT

📍 Puducherry-605008
☎ +91 75388 10460
✉ preetham_a@yahoo.co.in
🌐 preetham-amul-a8a065a5

Area of Interest

Technical Expertise

- Specialization in GRC modules (SAP Access Control, SAP Risk Management, PC)
- IT Security Authorization , Identity Access Management (IAM), Identity Access Governance (IAG)
- IT security audit-ISO 27001, SOX.
- Application Security, Embedded product security
- Knowledge of SAP S/4 HANA security.
- Vulnerability Assessment(Assest Identification, Threat modelling , Penetration testing and risk analysis)

Publication & Research

Certification

- : SAP Certification**
- SAP Certified Application Associate – SAP Access Control 12.0 (C_GRCAC_13)
Year : : 2024
 - SAP Certified Technology Associate - SAP System Security and Authorisation (

Research work

Insider Threat Detection system using Deep-Learning

- Year : 2019-2021 Master Thesis
- The project makes realistic assumptions that employee are supposed to own in terms of action, social and psychological, which are analyzed for abnormalities using various ML/DL algorithm.

Journals

Domain-generation Bot-Net Detection code usign AI/ML

- Year: 2022 This journal is published by the Institute of Advanced Engineering and Science (IAES) .
- DOI: <https://doi.org/10.11591/csit.v3i2.p94-103>

WORK EXPERIENCE

August 2021 – Present

Governance, Risk and Compliance (GRC)- Information Security Engineer Lumen Technologies India Pvt. Ltd.,

- Working in User Access management SAP Application such as HANA, S4, Fiori, IDM, GRC Process Control, GRC Risk Management, Audit Management.
- Experience in Role manangement including design and development of SAP GRC, IDM , ServiceNow, Non Production / Production System Process management
- SAP ABAP HANA Datamart Identity access management
- Working with SOX Audit and compliances
- Knowledge on Upgrade of S/4 HANA and Migration of SAP to Microsoft Azure platform.

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Jan 2021 – June 2021

Intern- Cybersecurity Analyst

Valeo India Pvt. Ltd., Chennai.

- Working in Cyber security Risk Analysis /Vulnerability Assessment /Threat modelling (TARA) in Autonomous Vehicles (in compliance with ISO SAE-21434-Road vehicle cyber security standards)
- Working on Real time Security Testing of the Electronic controller units (ECU).
- Solid understanding Automotive in-vehicle communication protocols such as CAN, LIN and Ethernet and related exploits
- Hands on experience in applied cryptography in automotive Embedded system such as AES,RSA,HMAC.
- Solid knowledge about Secure Boot, Secure Update and Secure On-board Communications in embedded systems.

Sep 2017 – Aug 2019

Campus Associate

Wipro - APF, Bangalore

- Worked in of SAP S/4 HANA security.
- Good working knowledge of PFCG to create and modify roles.
- Troubleshooting skills for authorization issues using various methods.
- HANA database security to create repository roles and restrictions. Troubleshoot issues related to HANA security. Other duties as assigned

EDUCATION

2019 – 2021

Master of Technology (Information security)

From School of Computer Science Engineering and Technology, VIT University, Vellore - 632014, Tamil Nadu, India.

- Scored: 84.2%

2013 – 2017

Bachelor of Technology (Electronics and Communication Engineering)

From Christ School of Engineering and Technology, Puducherry University, Puducherry – 605014.

- Scored: 80%

Personal skills

Strengths

- Strong motivational and leadership skills.
- Ability to work individually as well as in a team.
- Excellent logical, analytical and computational skills.

Languages Known

- English : Read, Write, Speak
- Tamil : Read, Write, Speak
- French : A2-level certified



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**COMPUTER SOCIETY OF INDIA - SVCE STUDENT
CHAPTER**

Solicit your esteemed presence for the

WORKSHOP

On

“INFORMATION SECURITY”

by

Mr. TAMIL SELVAN,

Technology Senior Security Analyst

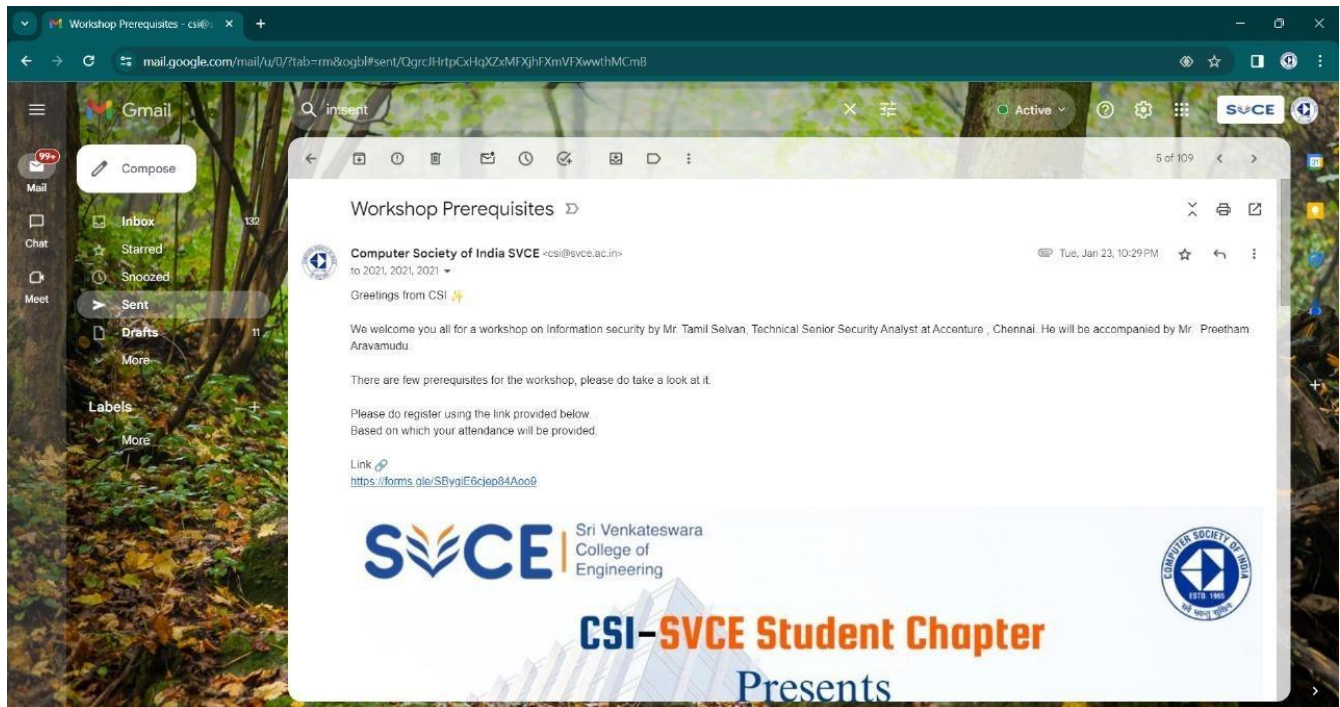
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AGENDA:

- Prayer Song
- Welcome address
- Short note by CSI- SVCE Student Branch Counselor
- Workshop headed by the Chief Guest 1st session - Theory and Practical 2nd session - Hands-on session
- Felicitation of Chief Guest by Assistant HOD (INT)
- Vote of thanks

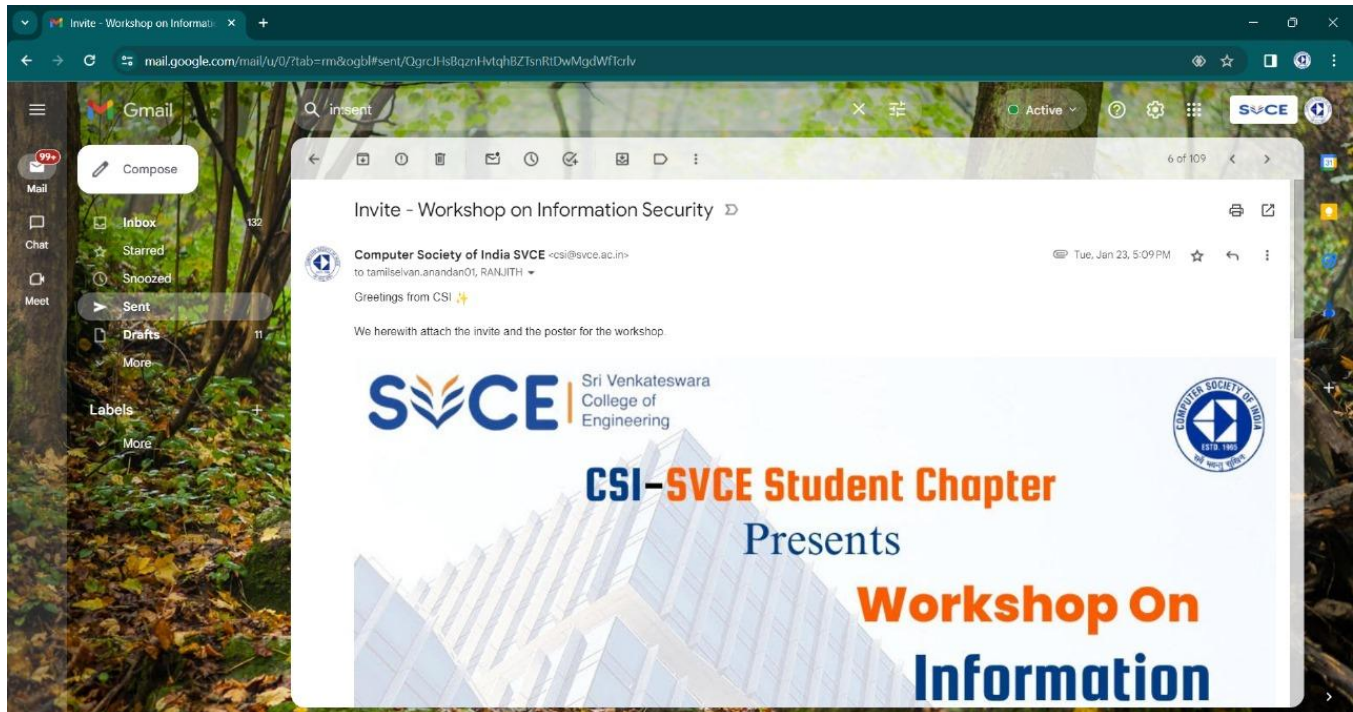
COORDINATORS:

- Dr. V. Vidhya- CSI- Student Batch Counselor
- Mr.V. Ranjith (AP/INT)
- Dr. G. Sumathi (Professor/INT)
- Dr. N. Devi (ASP/INT)
- Dr. K. Suresh (ASP/INT)



Invitation to students for Workshop

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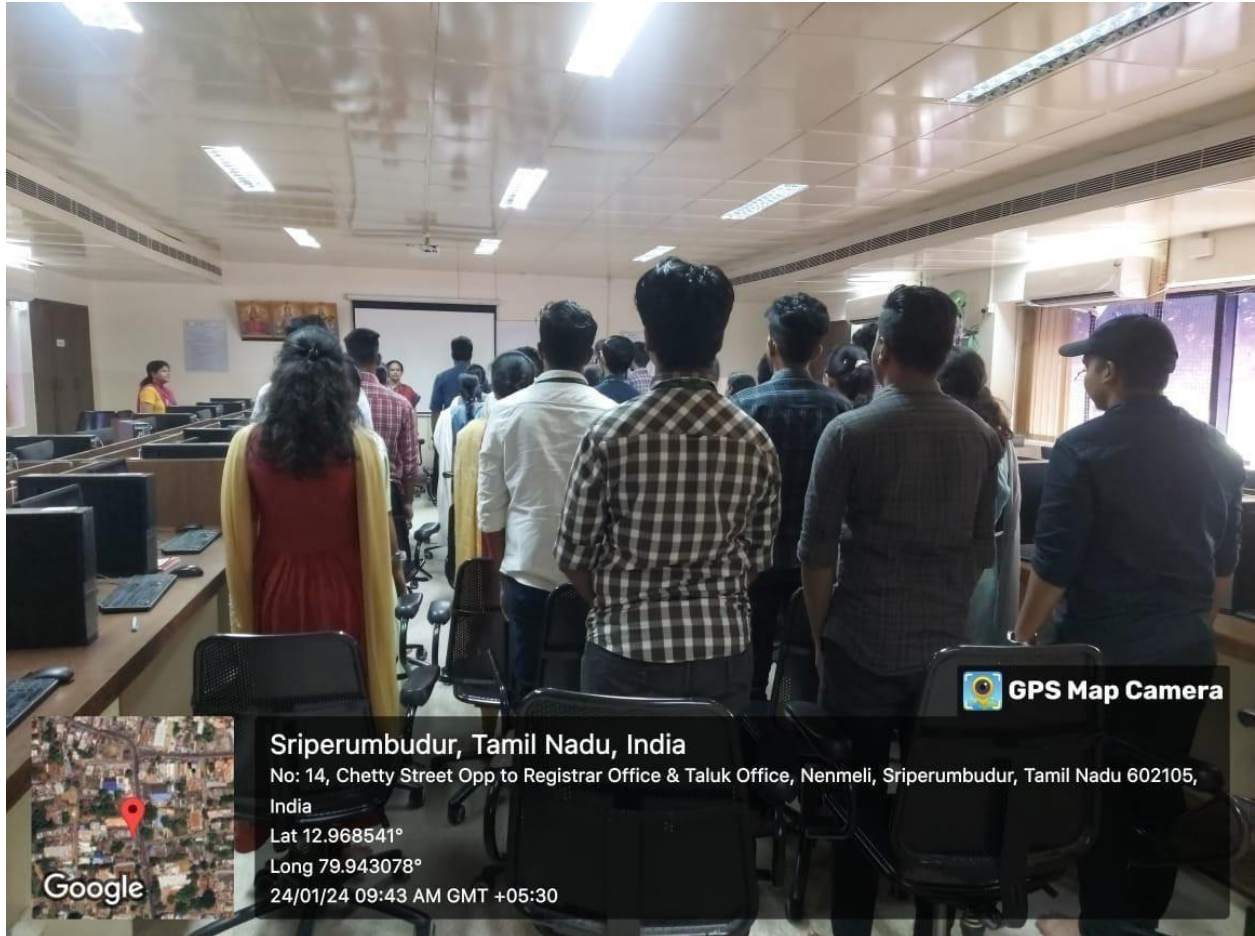


Mail Invitation for Chief Guest for Workshop

EVENT SNAPS



Valedictory



Prayer song by Sahana.B



Dr. V. Vidhya - CSI - SVCE Student Branch Counselor addressing the gathering



Workshop on Information Security by Mr.Tamil Selvan

REPORT

DATE: 24/01/24

TIME: 9:00 AM

Mode: Offline

Target audience: CS, IT & AD students

Subject mapped: Workshop on Information Security

OBJECTIVES:

- To provide insights about Information Security and ideas regarding where and how it can be applied in the real world.

ABOUT THE PROGRAMME:

The Workshop on Information Security conducted by The Computer Society of India (CSI) at SVCE on January 24, 2024, served as a pivotal platform for students to delve into the intricate realm of information security. With a diverse group of 40 students from departments such as CSE, IT, and AIDS in attendance, the workshop aimed to equip participants with comprehensive insights and practical skills in safeguarding digital assets.

The presence of esteemed guests such as **Mr. Tamil Selvan**, a distinguished Technology Senior Security Analyst, along with **Mr. Preetham Aravamudu** and **Dr. V. Vidhya**, CSI's student branch counselor, underscored the significance of the event. The program commenced on a solemn note with a prayer song by **Sahana. B**, setting a harmonious atmosphere conducive to learning.

Kavitha. R, the Secretary of CSI, extended a warm welcome, marking the inception of the workshop. **Dr. V. Vidhya's** address further engaged the audience, fostering an interactive exchange of ideas. **Mr. Tamil Selvan** then took the stage, initiating the sessions with profound insights into the multifaceted aspects of information security.

Structured into two sessions, the workshop seamlessly integrated theory with hands-on practice. The first session provided a conceptual foundation, blending theoretical frameworks with practical applications, thereby offering a holistic understanding of information security dynamics. Transitioning into the second session, participants actively engaged in group activities, enhancing comprehension through experiential learning.

The felicitation of **Mr. Tamil Selvan** with a momento by **Dr. T. Sukumar**, Assistant HOD (INT), symbolized acknowledgment of his invaluable contributions to the workshop. Finally, a heartfelt vote of thanks marked the conclusion of the event, acknowledging the concerted efforts of faculty members and CSI office bearers in orchestrating a successful workshop.

In essence, the Workshop on Information Security transcended conventional pedagogical approaches, offering a dynamic platform for students to augment their knowledge and practical skills, thereby fortifying their preparedness to navigate the complexities of the digital landscape.



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OUTCOME OF THE PROGRAMME:

- The workshop on information security provided the students with a comprehensive understanding of various concepts, techniques, and best practices within the field.
- Through interactive sessions, discussions, and hands-on activities, participants delved into topics such as encryption, network security, threat detection, and risk management.
- This in-depth knowledge equipped them with the necessary tools to identify vulnerabilities, mitigate risks, and protect sensitive information in real-world scenarios.



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ATTENDANCE

Total no.of students	29		
	INT	CSE	AD
	22	6	1
Total no.of faculty			

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LIST OF PARTICIPANTS

S.N O	PARTICIPANT NAME	DEPARTMENT
1.	P.Keerthana	IT
2.	L.Krithika	IT
3.	P.Logeswari	IT
4.	M.Harini Padma	IT
5.	A.Charishma Reddy	IT
6.	Mugilan.S	IT
7.	Abhishek.K.B	IT
8.	Uma.T.D	IT
9.	Swati Meena.G	IT
10.	Vijaya Raghavan.G	IT
11.	Nithish.S	IT

12.	Swetha.S	IT
13.	Saikarthick.S	IT
14.	Sasikaran.M	IT
15.	Surah Yashwanth	AI&D S
16.	Sreesha	CSE
17.	S.Raja Rajeshwari	IT
18.	Oviya Srinivasan	IT
19.	G.Shalini	IT
20.	Mokshitha.S	IT
21.	Sai Nithish.S	IT
22.	Lakshmi.K	IT
23.	Swathi.R	CSE
24.	Manne Anjali	CSE
25.	Supritha.V	CSE

26.	Sri Rajeswari.P	CSE
27.	Yevvagogu Rishitha	CSE
28.	R.Sunandita	CSE
29.	Sai Manushrri.S	CSE
30.	Shwetha.S	CSE
31.	Palayil Manav	IT
32.	Vivekanand Pandian.M.M	IT
33.	Subash.V	IT
34.	Naresh Raj.P	IT
35.	Neha Jain.G	IT
36.	Nanthanavalli.V	IT
37.	Sowndariya.K	IT
38.	Kavitha.R	CSE

FEEDBACK

Name	Department	Year	Section	Out of 5, how much would you rate our workshop on Information Security	Feedback
UMA T D	INT	III	B	5	The session was interactive and informative.
Neha Jain G	IT	III	B	5	Overall workshop was intriguing.
Sowndariya K	INT	III	B	4	The complete session was good since it's a hands-on but there is time limitation so can't utilise to the fullest
Shwetha S	CSE	IV	C	5	The session was highly informative. It was a good introduction to Information Security for beginners looking to explore the field.
Sasikaran M	INT	III	A	5	Good
P.Logeswari	IT	III	A	3	Nothing
Keerthana P	IT	IV	A	5	Very Interesting
KRITHIKA L	IT	III	A	4	Was wonderful and interactive

LOGESWAR I P	IT	III	A	5	Very much informative
HARINI PADMA M	IT	III	A	4	Nice
CHARISHM A REDDY A	IT	III	A	3	Good
MUGILAN S	IT	III	A	5	Most interative and informative workshop
ABHISHEK K B	IT	III	A	4	Good to be in this workshop
SAI KARTHICK S	IT	III	B	4	Was wonderful and intractive
SWATI MEENA G	IT	III	B	5	Good
VIJAYA RAGHAVA N G	IT	III	B	5	Awesome
NITHISH S	IT	III	A	4	Nice
KAVITHA R	CSE	III	B	5	Learned something new
SOWNDARI YA K	IT	III	B	3	Ok
SURAM YASHWAN TH	AIDS	III	B	5	Was wonderful and intractive
SREESHA V	CSE	III	C	5	Got to explore something new
RAJA RAJESVARI S	IT	III	B	3	Nice
OVIYA SRINIVASA N	IT	III	B	4	Good
SHALINI G	IT	III	B	3	Good
MOKSHITH A S	IT	III	A	4	Awesome
SAI NITHISH S	IT	III	B	5	Got to explore something new

LAKSHMI K	IT	III	A	4	Was wonderful and intractive
SWATHI R	CSE	III	C	4	Learned something new
MANNE ANJALI	CSE	III	B	5	Got to explore something new
SUPRITHA V	CSE	III	C	5	Awesome
SRII RAJESWARI P	CSE	III	C	5	Awesome
YERRAGOG URISHITHA	CSE	III	C	5	Learned something new
SUNANDIT A R	CSE	III	C	4	Nice
SAI MANUSHRRIS	CSE	III	C	5	Got to explore something new
SHWETHA S	CSE	III	C	4	Awesome
PALAYIL MANAV	IT	III	A	5	Got to explore something new
VIVEKANA ND PANDIAN M M	IT	III	B	5	Was wonderful and intractive
SUBASH V	IT	III	B	3	Good
NARESHRA J P	IT	III	A	5	Nice
NANTHANA VALLI V	IT	III	A	5	Got to explore something new



Computer Society of India - SVCE Student Chapter Certificate of Participation

This is to certify that **Mrs. Raja Rajeshwari S** of 3rd yr IT has participated in the workshop **INFORMATION SECURITY** conducted on [24/01/24] organised by CSI-SVCE Student chapter, Sri Venkateswara College of Engineering.

Dr V.Vidhya,
SBC-CSI SVCE HOD/INT

Dr.S Ganesh Vaidyanathan,
Principal



Certificate of Participation