



K S INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & DESIGN

REPORT ON WORKSHOP

“CYBER SAFETY”

Semester:	3 rd Semester
Event Type:	WORKSHOP
Event Name:	CYBER SAFETY
Date/Duration:	17-1-2023
Associated Professional Bodies	CySeck (CYBER SECURITY, KARNATAKA), ADROIT CLUB
No. of Students:	60
Speaker Details:	Mr. NITESH SINHA, FOUNDER & CEO, SACUMEN Mr. JEEVESHA, DIRECTOR OF HR & OPERATIONS, SACUMEN
Online link/Offline:	Offline

Event Objectives:

- To provide the basic understanding about Cyber Safety.
- To provide an understanding on Cyber threats.
- To provide knowledge on Cyber Hygiene.
- Outline the career option in the field of Cyber Security.

K S Institute Of Technology **ADROIT**
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DEPARTMENT OF COMPUTER SCIENCE AND DESIGN
IN ASSOCIATION WITH

CySeck
Cyber Security Karnataka

Organizes a workshop on
CYBER SAFETY

On 17.01.23

At 1:15 PM - 4:00 PM

GROUND FLOOR
SEMINAR HALL, NB

Resource persons

NITESH SINHA
Founder & CEO of Sacumen

JEEVESHA
Director of HR and operations at Sacumen

PROF. SUSHMA A
ASSISTANT PROFESSOR
DEPT OF CS&D

DR. DEEPA S.R
HEAD, DEPT OF CS&D

DR. DILIP KUMAR K
PRINCIPAL, KSIT

DR. K.V.A. BALAJI
CEO, KSIT

Event description with pictures:



Fig 1 Welcome address

The event started with the welcome address, Dr. K.V.A . Balaji, CEO, KSGI, Dr. Dilip Kumar, Principal, KSIT, Dr. Deepa, HOD-CSD, Dr. Rekha B Venkatapur, HOD -CSE graced the occasion. The speaker Mr.Nitesh Sinha, and his team member Mr Jeeveha from Sacumen, Mr. Abhishek Vijayagopal- Academic Programme, Programme Manager from CySeck, Karnataka were facilitated florally.

The HoD of Computer Science and Engineering Dr. Rekha Venkatapura, and HoD of CSD Dr.Deepa S R welcomed all the guests.

The Session started with an explanation of Cyber Security.



Fig 2 Mr. Nitesh Sinha explaining Cyber Security ecosystem

Topics covered:

Cyber security refers to the body of technologies, processes and products designed to protect.

What is cs

Confidentiality Integrity and Availability

Cyber Security Ecosystem

Identity-Device-Network-Application-Data

“There is nothing like 100% secure system”

Important terms of cyber security

Asset

Threat

Value abilities

Risk

Exploit

Malware

Virus

Ransom ware

Phishing

White hat- legal

Black hat- illegal

Why is it easy to commit cyber crime?

Anonymity-Gambling barrier-lack of jurisdiction-ease of laundries

Source of cyber security

Nation states

Corporation spies

Malicious insiders

Hacktivists

Terrorist group

Hackers

Criminal group

CYBER THREATS

Phishing

1. Pre email era

2. Email era

Nykaa loses 62lakh to cyber fraud

Ransomware

Is a type of malware attack in which the attacker locks and encrypts the victims data, important files

Cryptojacking

Why crypto?

1.crypto-meaning is lucrative

2.crypto-meaning needs huge resources

CH is the CS to the concept of personal hygiene

SH problems

Loss of data

Misplaced data

Security breaks

Outdated software

Old security software

Poor or lack of vendor risk management

Multi Factor Authentication

Possession + knowledge + being

Something something something

You have you know you are

Digital citizenship – responsible use of technology

Value- be – keep – do not fall –privacy skeptical civil yourself for updated dist

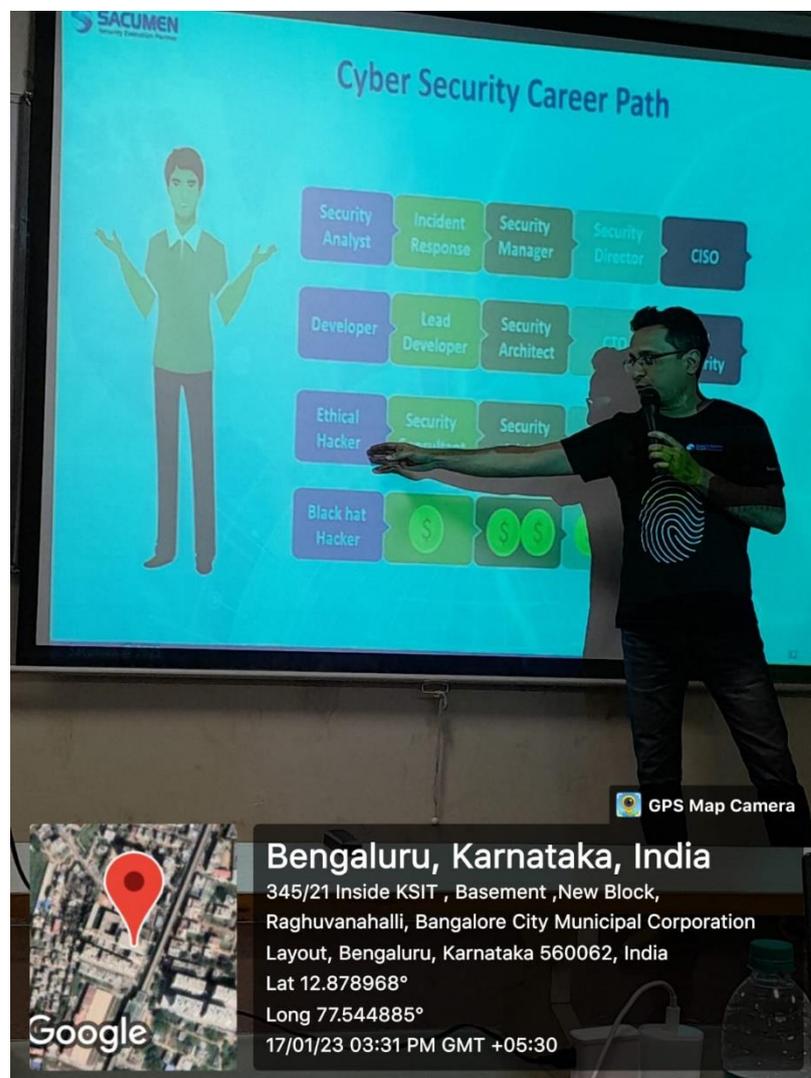


Fig. 3 Mr. Jeevesha outlining the Cyber Security career path

Attributes of cs warriors

Like changes –analytical bent of mind -be ahead of the game -ability to work In teams –think out of box –curiosity

Avg salary: 5.13.169/year

Cs carrer path

Security analyst

Developer

Ethical hacker

Black hat hacker

Asset valid to you and should be protected always has value

Strength, opportunity, aspiration, result

Treat – company security

Vulnerability –weakness in system

Risk – how much threat can access vulnerability to harm the asset

Exploits malicious application

Malware –

Ransom are encrypt any data on system

Phishing used by hacker

White hack ethical hacking

Black hack illegal hacking

Why is it easy to commit cyber crime?

Anonymity –crumbling- lack of – ease of barriers jurisdiction loundering

Source of cyber security threats

Nation states

Corporate spies

Malicious insiders

Hackers etc

Good things take time to happen, avoid taking shortcuts for money

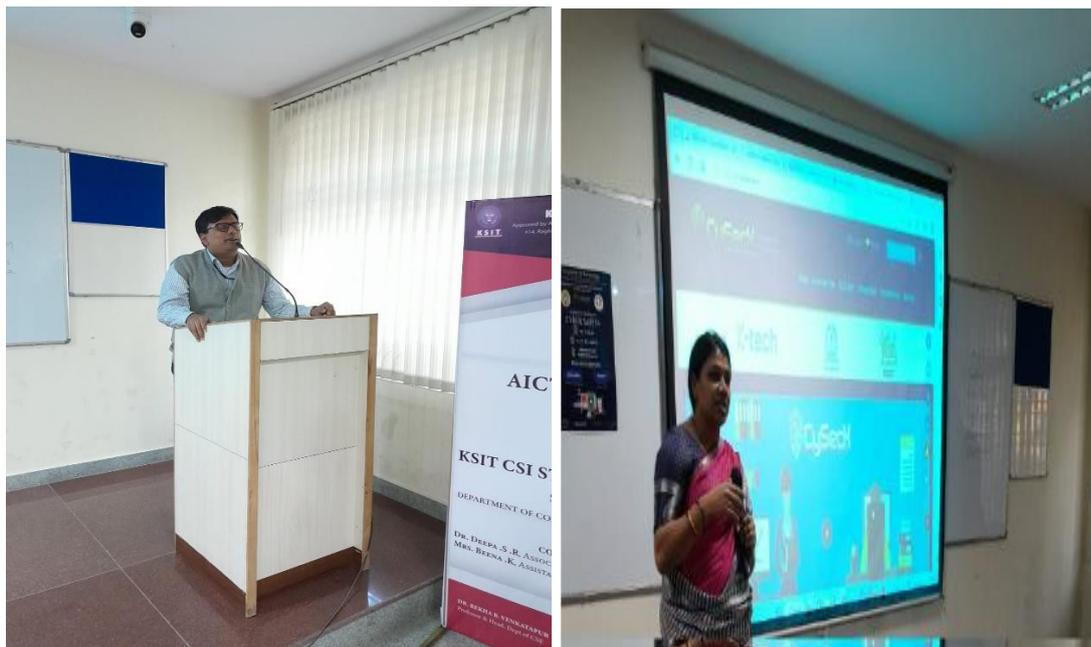


Fig. 4 Mr. Abhishek & Mrs Vanajakshi addressed the students about Cyber varthika newsletter and webinars conducted by CySeck



Fig. 5 Students attending the workshop



Fig. 6 Students receiving prizes after assessment by the Resource person from Sacumen



Fig. 7 Handing over mementoes to the resource persons

EVENT OUTCOMES	
EO#	
EO1	Understand the basics of Cyber Safety.
EO2	Understand the Cyber-threats
EO3	Understand the importance of Cyber Hygiene.
EO4	Gain awareness on the career option in the field of Cyber Security.

EO-PO Mapping

EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO2	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO3	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO4	2	2	2	-	-	2	2	-	2	-	-	2	1	1
	2	2	2	-	-	2	2	-	2	-	-	2	1	1

3	Substantial (High) Correlation
2	Moderate (Medium) Correlation
1	Slight (Low) Correlation
-	No correlation.

PO's Attained: PO1, PO2, PO3, PO6, PO7, PO9, PO12

PSO's Attained: PSO1, PSO2

Event Coordinator

HoD

Principal