# INSTITUTIONS INNOVATIONCOUNCIL (IIC)

## Overall Report

## on

## "Technical Talk on Cyber Security and its Applications"



Organized by
## Innovation Cell

*In Association with*

## Department of E&CE, IIC & IQAC

**Date:20-11-2023**                                    **Time: 11.00AM**

**Venue:** EC Seminar Hall

## SJM Vidyapeetha ®

# SJM INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi and
*Accredited by the NAAC with "B++ Grade"*)

Post box No. 73, NH-4, Bypass, Chitradurga -   577502, Karnataka

## Department of Electronics and Communication Engineering

*in Association with*

**INSTITUTION'S INNOVATION COUNCIL**
(Ministry of HRD Initiative)

## IIC & IQAC

Internal Quality Assurance Cell

*Organizing a Technical Talk on*

*"Cyber Security and its Applications"*

Resource Person

# Dr. Manjunath P Ph.D (IIT Bombay)

In-charge Principal,JNNCE,Shivamogga

**IIC Coordinators**
Prof. Usman Ali A R
Prof. Nandini G R
Prof. Pradeep Kumar V H

**IIC Convenor**
Dr. Krishnareddy K R

**HOD & Innovation cell**
Co-ordinator
Dr. Siddesh K B

**Principal**
Dr. Bharath P B

**Topic: Technical Talk on Cyber Security and its Applications**

**Theme: Providing knowledge about Cyber Security and its Applications**

**Objectives of the Event:**

The objectives of a Technical Talk on "Cyber Security and its Applications" are to educate, inform, and raise awareness about various aspects of cyber security and its practical applications. Here are the key objectives.

1. To provide participants with a comprehensive understanding of the current cyber threat landscape, including common cyber threats, attack vectors, and emerging trends.

2. Introduce fundamental concepts of cyber security

3. Illustrate key concepts with real-world examples and case studies

4. To Introduce participants to the latest cyber security technologies, tools, and best practices used in the industry

5. To Instill a mindset of continuous learning in cyber security

By achieving these objectives, the Technical Talk on "Cyber Security and its Applications" aims to equip participants with a solid understanding of cyber security principles, technologies, and best practices, fostering a proactive and informed approach to digital security.

*Speaker:* Dr. Manjunath P Ph.D. (IIT Bombay), In-charge Principal, JNNCE, Shivamogga

*Speaker Profile:*

Dr. Manjunath P has BE degree in Electronics and Communication Engineering from UBDT College of Engineering, Davangere & M.E degree in Digital Electronics from BVB college of Engineering, Hubli. He had Ph.D degree from IIT Bombay, Mumbai. He is currently working as In-charge Principal in JNN college of Engineering, Shivamogga. He had 25 years of teaching experience and worked as a HOD of ECE department.Under his Guidance and supervision five students was completed Ph.D.

## Brief Report of the Event:

### Introduction:

The Technical Talk on **"Cyber Security and its Applications"** was organized by the Innovation cell in association with Institution's Innovation Council (IIC), E&C Department and IQAC, with the primary aim of providing participants with a comprehensive understanding of the evolving landscape of cyber security. This theme emphasizes the significant role each one of us plays in to inspire individuals to make conscious changes in their lifestyles that would contribute to promote new technology/cyber security knowledge/ cyber security startups. The event attracted a diverse audience of engineering students and Faculties.

### Highlights of the Session:

On 20th November 2023, the session commenced with a warm welcome by the by Prof. Usman Ali A R, Faculty member, IIC, followed by an inaugural address by the Innovation cell Coordinator Dr. Siddesh K B. The importance of fostering cyber security and its applications in the engineering field was emphasized. The event lasted from 11:00 a.m. to 1:00 p.m., where students and faculty actively participated.

Guest of Honour,Dr. Manjunath P Ph.D (IIT Bombay),In-charge Principal, JNNCE, Shivamogga - Dr.Bharath P B, Dr. Siddesh K B, Prof.& Head, Department of Electronics & Communication Engineering, Dr. Krishna Reddy, IIC Convener and Prof.Nandini G R , Prof. Pradeep Kumar V H, Programme Coordinator, were present in the session.

Later, the session was taken over by the eminent resource person and Chief Guest of the event, Dr. Manjunath P to deliver his speech on "Cyber Security and its Applications".

The talk was delivered by Dr. Manjunath P, an expert in the field, who shared valuable insights into various aspects of cybersecurity and its practical applications.

He began by providing an overview of contemporary cyber threats, emphasizing the diversity and sophistication of attacks faced by individuals and organizations in today's digital landscape. The speaker underscored the critical importance of cybersecurity in safeguarding sensitive information, intellectual property, and digital assets.  He delved into practical applications of cyber security principles across industries. Case studies and examples were presented to illustrate how cyber

security measures are implemented to address real-world challenges and secure digital infrastructures. Participants gained a better understanding of the cyber security and its applications in the society.



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The presentation ended with an interactive session where participants had the opportunity to ask questions and engage in discussions with resource person.. This interactive element enhanced the learning experience, allowing attendees to seek clarification on complex concepts and share their own perspectives on cyber security. And Prof. Usman Ali A R, Faculty member,IIC, concluded the program by delivering a vote of thanks. More than 41 participants registered and successfully attended the event.

**Conclusion:**

In conclusion, the Technical Talk on "Cyber Security and its Applications" succeeded in providing participants with a holistic view of cyber security, from theoretical foundations to practical applications. [Speaker's Name] delivered a well-structured and informative presentation that not only increased awareness but also equipped attendees with the knowledge and tools to enhance cyber security in their respective spheres. The success of the event is attributed to the expertise of [Speaker's Name], the active participation of attendees, and the thoughtful organization of the Technical Talk.

The organizers extend their gratitude to the speaker, organizers, and participants for making this event a meaningful and enlightening experience. This Technical Talk serves as a foundation for further exploration and application of cyber security principles, encouraging continuous learning and collaboration in the dynamic field of cyber security.

# Participant's Details:[Attendance Sheet]

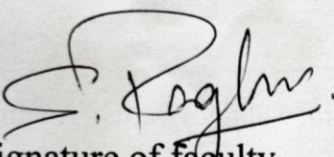Department of Electronics & Communication Engg.

S.J.M.I.T., Chitradurga - 577502

Technical talk on cyber Security & its Applications
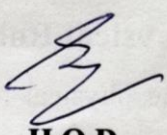
III Sem "B"                                    Date:20/11/2023

| Sl No. | USN | Name | Signature |
|--------|-----|------|-----------|
| 1 | 4SM22EC041 | PRIYANKA N | |
| 2 | 4SM22EC042 | RAKESH R | |
| 3 | 4SM22EC043 | RAKSHA U L | |
| 4 | 4SM22EC044 | RAKSHITHA J H | |
| 5 | 4SM22EC045 | RAKSHITHA R | |
| 6 | 4SM22EC046 | RANJITHA B H | |
| 7 | 4SM22EC047 | RASHMI N | |
| 8 | 4SM22EC048 | REHANA BANU | |
| 9 | 4SM22EC049 | RUCHITHA D K | |
| 10 | 4SM22EC050 | S P NAGARAJ | |
| 11 | 4SM22EC051 | S T HEMANTH RAJ | |
| 12 | 4SM22EC052 | SAI KIRAN P | |
| 13 | 4SM22EC053 | M SAMUDA | |
| 14 | 4SM22EC054 | SANDHYA S | |
| 15 | 4SM22EC055 | SHABAZ KHAN | |
| 16 | 4SM22EC056 | SHAILA N | |
| 17 | 4SM22EC057 | SHARANAPPAGOUDA PATIL | |
| 18 | 4SM22EC058 | SHIVAKUMAR B N | |
| 19 | 4SM22EC059 | SHIVAKUMAR M | |
| 20 | 4SM22EC060 | SHREYA H E | |
| 21 | 4SM22EC061 | SHWETHA K R | |
| 22 | 4SM22EC062 | SINDHU | |
| 23 | 4SM22EC063 | SNEHA S | |
| 24 | 4SM22EC064 | SOUNDARYA A | |
| 25 | 4SM22EC065 | SRINIDHI R | |
| 26 | 4SM22EC066 | SRUSHTI P S | |
| 27 | 4SM22EC067 | SRUSTI RAMESHA KOTTURA | |
| 28 | 4SM22EC068 | SRUSTI S R | |
| 29 | 4SM22EC069 | SURYA H K | |
| 30 | 4SM22EC070 | SUSHMITA | |
| 31 | 4SM22EC071 | SUSHMITHA D | |
| 32 | 4SM22EC072 | SUSHMITHA R | |
| 33 | 4SM22EC073 | SWATHI V S | |

| 34 | 4SM22EC074 | SYEDA BI BI AYESHA | |
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| 35 | 4SM22EC075 | TEJASWINI E | |
| 36 | 4SM22EC076 | V TEJASWINI | |
| 37 | 4SM22EC077 | VARSHITHA N N | |
| 38 | 4SM22EC078 | VASUDEV M N | |
| 39 | 4SM22EC080 | VENNALA R L | |
| 40 | 4SM22EC081 | VISHNU B | |
| 41 | 4SM22EC082 | YASHAS A J | |

Signature of faculty

H.O.D
Head of the Dept,
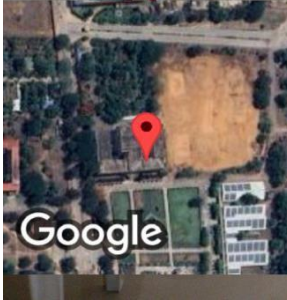Electronics & Commn. Engg,
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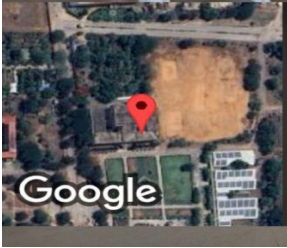
**Photographs of the Event:**
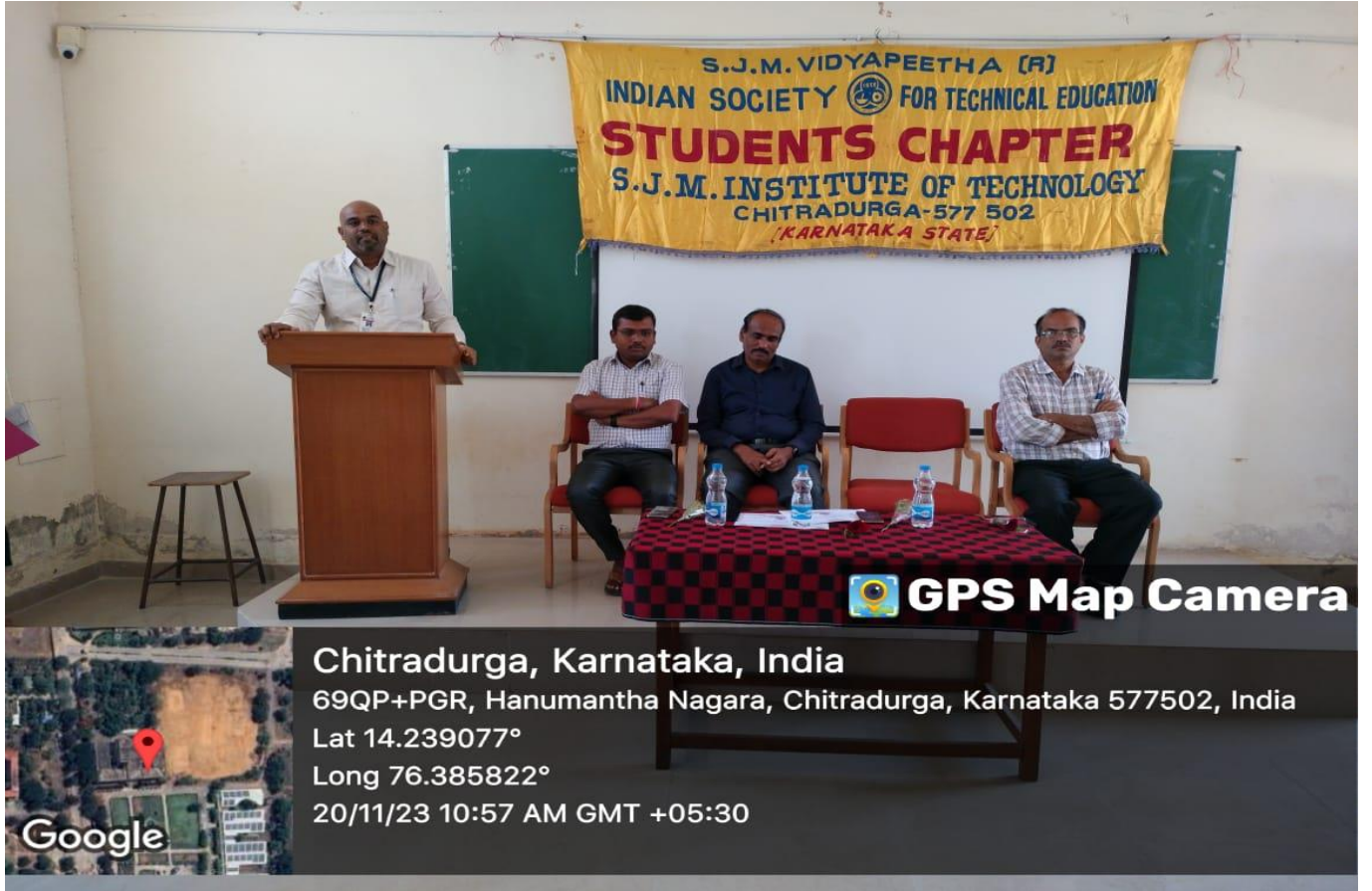
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## Key Outcome:

1. Participants gain a deeper understanding of various cyber threats

2. Attendees develop an increased awareness of the critical role cyber security, plays in protecting sensitive information, both at the individual and organizational levels

3. Participants learn about cutting-edge technologies and tools used in cyber security, gaining insights into how these technologies are applied to safeguard digital assets

4. Participants learn about industry best practices for cyber security

5. Inspire participants to consider careers in cyber security

These outcomes of the session on "Cyber Security and its Applications" encompass the acquisition of essential skills, knowledge, and a strategic approach to validate, refine, and launch cyber security ideas as successful ventures.
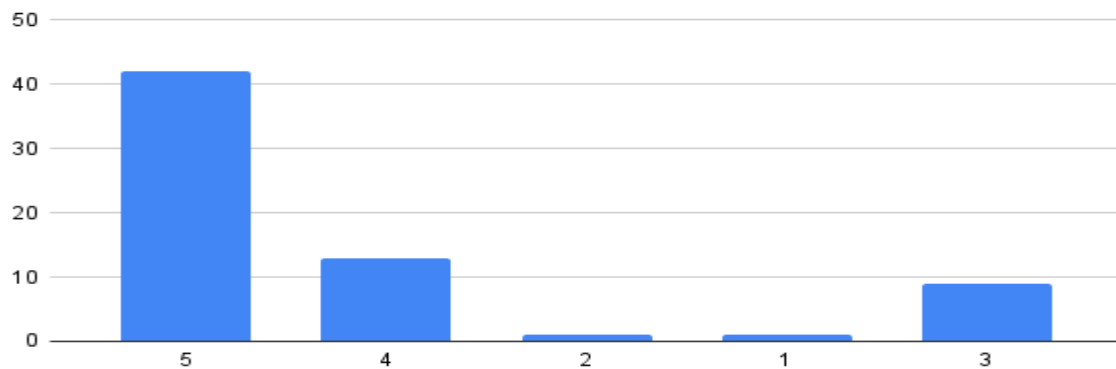
**Feedback and analysis:**

# Feedback of One Day Technical talks on "Cyber Security and its Applications"

Count of Will this session be helpful to add up new knowledge in your domain?
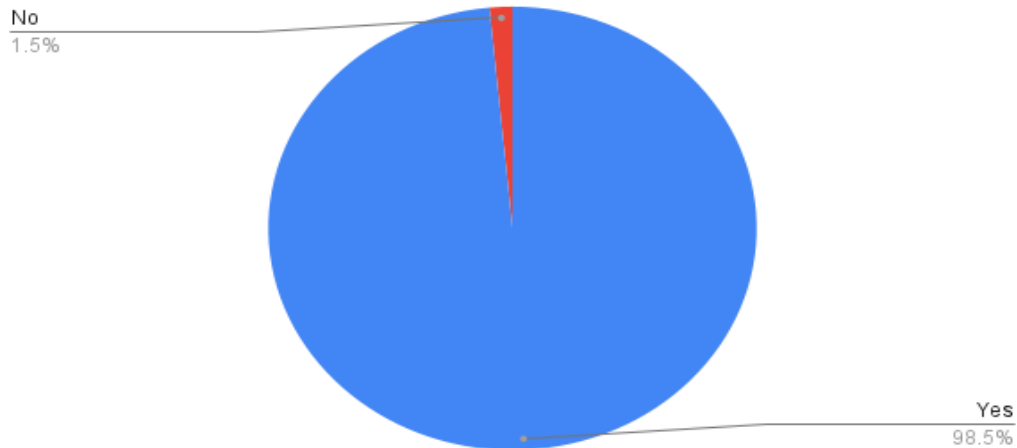
No
1.5%

Yes
98.5%

Count of Rate the information given by Experts have put good effort in explaining things to make me understand the topic ( 5

Count of Rate the information given by Experts have put good effort in explaining things to make