School of Computer Sciences and Engineering

Academic Year 2021-22

1. **Expert Lecture:** One Day Workshop (Hands-on-Session) on “Cyber Security”
2. **Event Date: 29th January 2022**
3. **Event Conduction Duration:** 10:00 AM to 5:00 P.M
4. **Event Venue:** SOCSE Sandip University, Nashik
5. **Expert Person Details:**
   Jainam Jain ,Cyber Security Professional, Konsola Pvt Ltd.

6. **Name of Coordinator:**
   Prof Avinash Taskar ,Assistant Professor, SOCSE
   Ms Sharmila Zope ,Assistant Professor, SOCSE

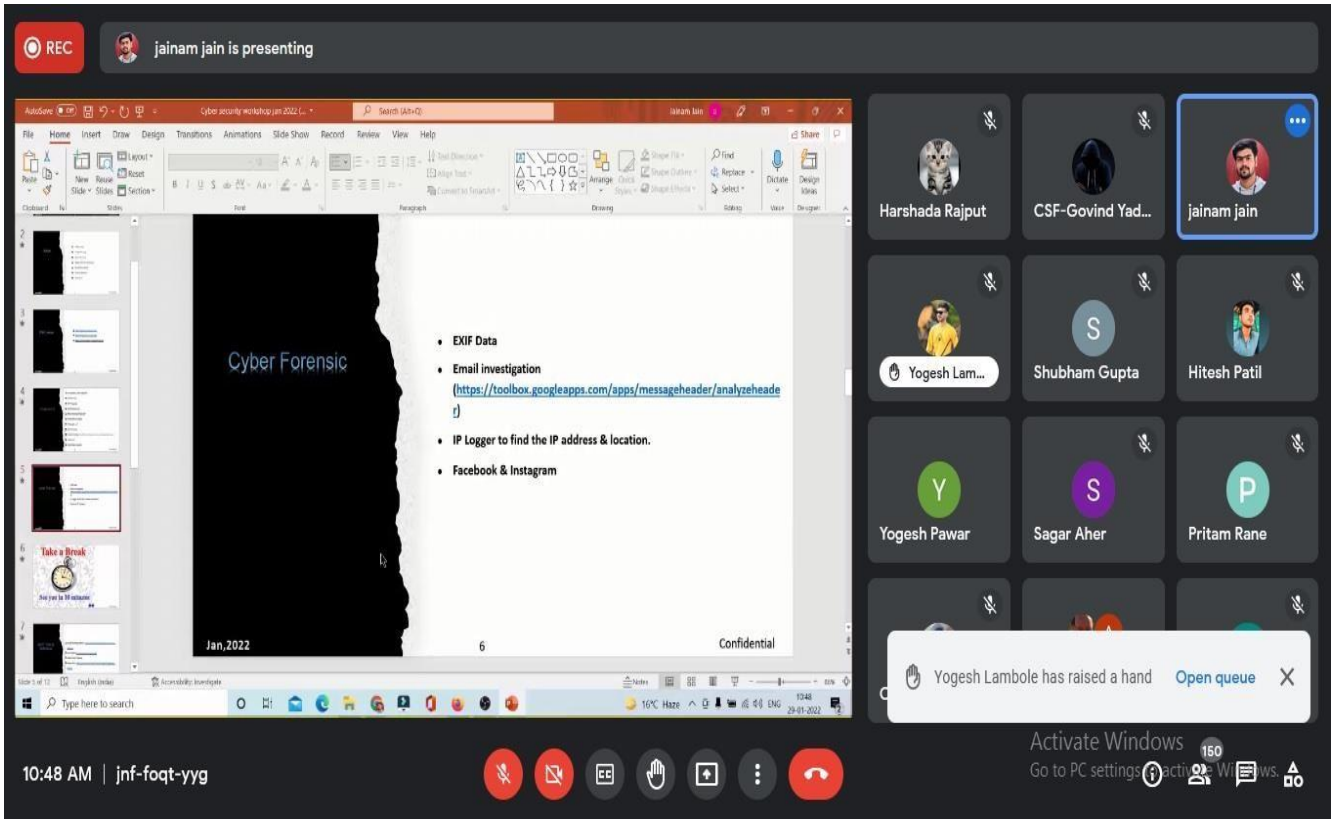
Outline of Expert Session: The Sandip University School of Computer Science and Engineering hosted the workshop on”Cyber Secirity," which conducted on January 29th. Students from all across India took part in the workshop. A total of **150** registered for this program .

Following points are covered as part of the workshop:-

- Explain the importance of cybersecurity
- Apply the cybersecurity design principles
- Explain fundamentals of Cryptography and their applications
- Evaluate cybersecurity frameworks
- Identify threats and vulnerabilities
- Design secure network architecture

Objectives of Program:

- Analyze and resolve security issues in networks and computer systems to secure an IT infrastructure.
- Design, develop, test and evaluate secure software.
- Develop policies and procedures to manage enterprise security risks.
- Evaluate and communicate the human role in security systems with an emphasis on ethics, social engineering vulnerabilities and training.
- Interpret and forensically investigate security incidents.
- Protect and defend computer systems and networks from cybersecurity attacks.
- Characterize privacy, legal and ethical issues of information security.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EXIF Data
Email investigation
(https://toolbox.googleapps.com/apps/messageheader/analyzeheader)
IP Logger to find the IP address & location.
Facebook & Instagram
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Confidential
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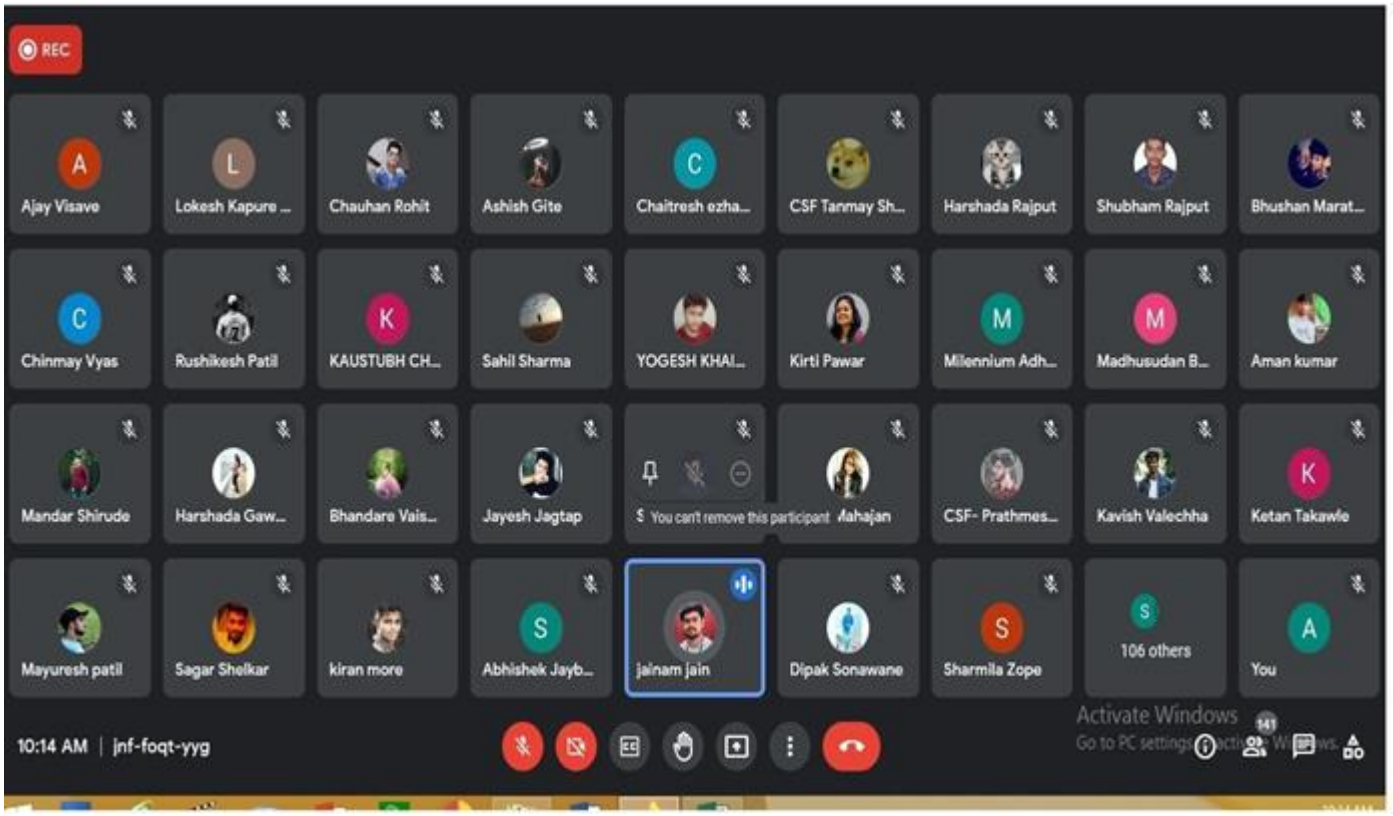
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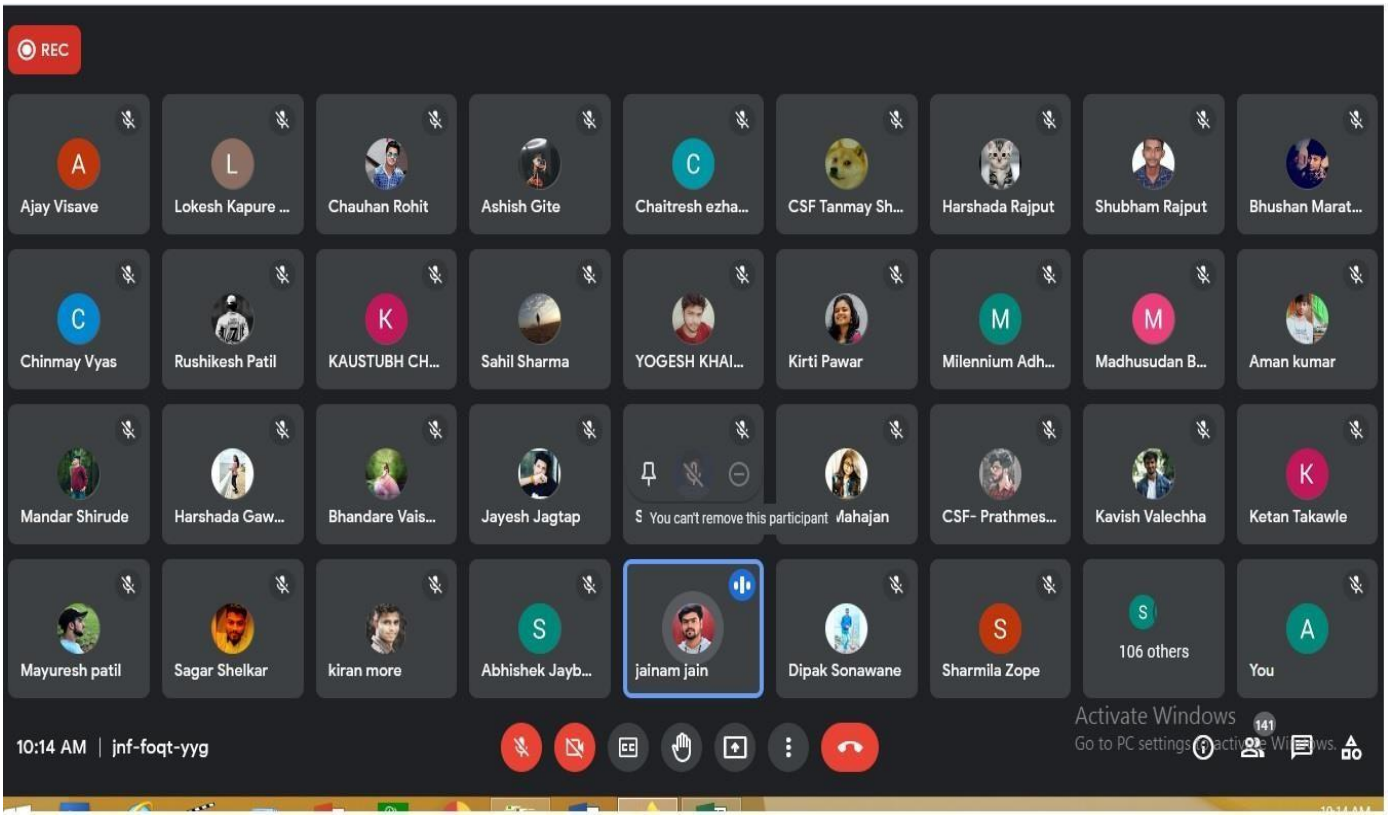
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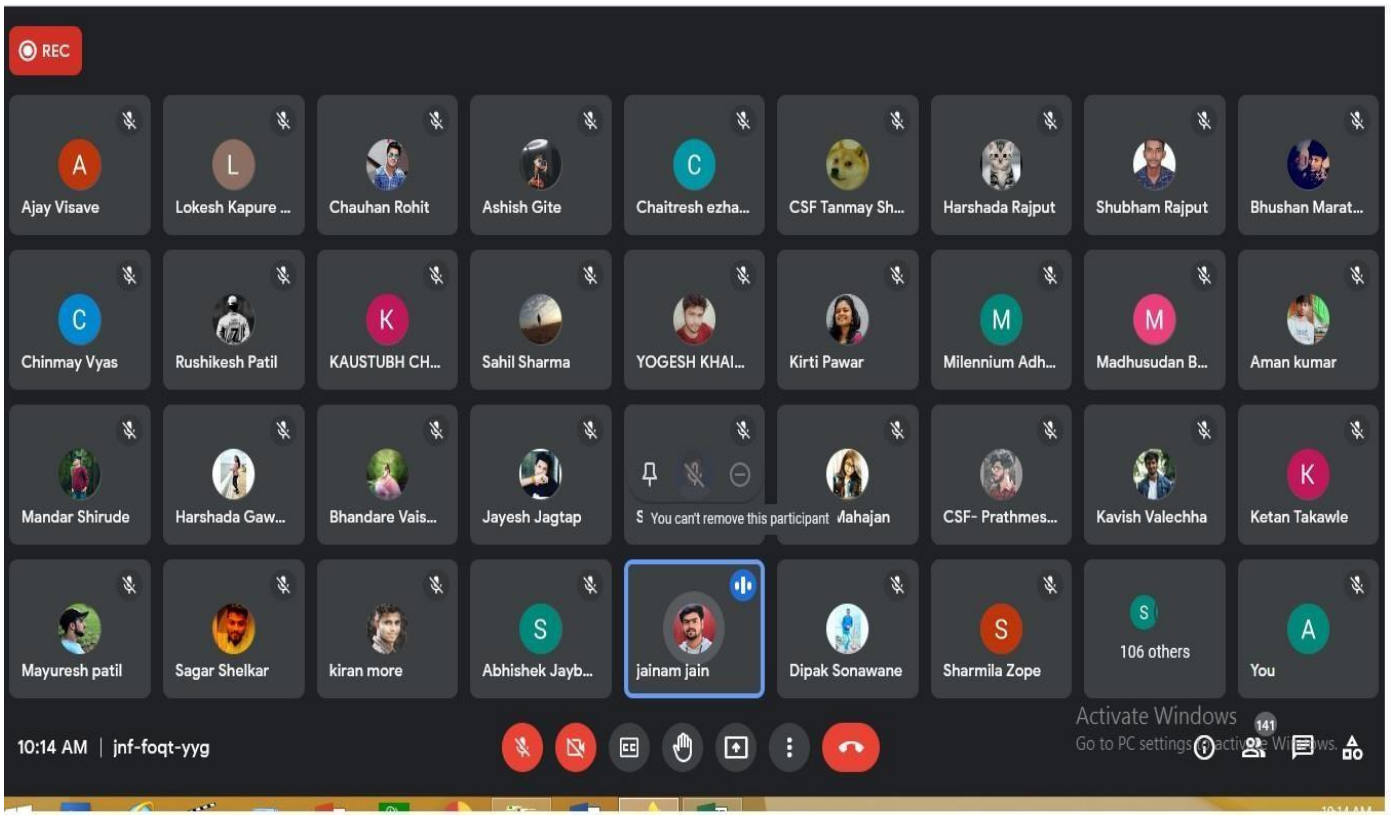
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Outcome:

- Identify vulnerabilities critical to the information assets of an organization.
- Define the security controls sufficient to provide a required level of confidentiality, integrity, and availability in an organization's computer systems and networks.
- Diagnose and investigate cyber security events or crimes related to computer systems and digital evidence.
- Diagnose attacks on an organization's computer systems and networks.
- Propose solutions including development, modification and execution of incident response plans.
- Apply critical thinking and problem-solving skills to detect current and future attacks on an organization's computer systems and networks.