TECNIA
INSTITUTE OF ADVANCED STUDIES
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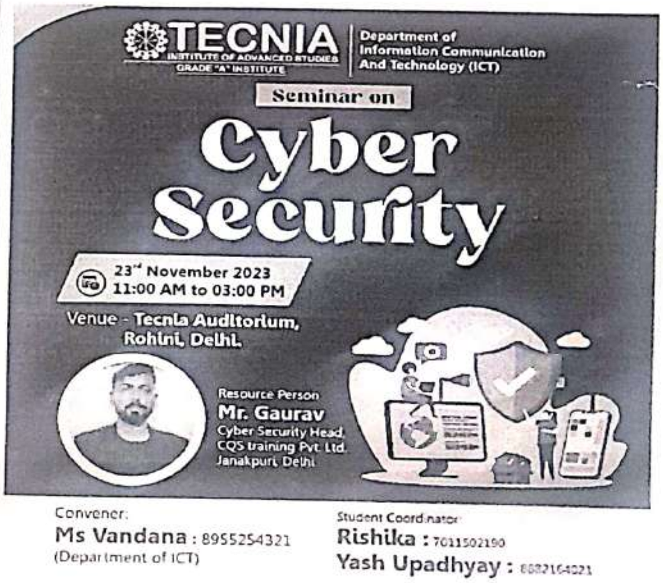
DELHI INDIA

Seminar on Cyber Security

Title of Activity*	Seminar on Cyber Security(Current Cyber security Threats)
Values	✓ Confidentiality ✓ Integrity ✓ Privacy ✓ Collaboration
Learning Outcomes	✓ Understanding Cyber security Fundamentals ✓ Knowledge of Security Technologies and Tools ✓ Threat Awareness and Analysis ✓ Security Policies and Best Practices
Organized by	The Department of Information Communication and technology
Program Theme*	Seminar on Cyber Security
External Expert / Internal Expert	Mr.Gaurav(CQS training pvt.ltd)
Date*	23-11-2023
Time*	11 am onwards
Venue	Tecnia Auditorium
Poster/Flyer/Notice*	 TECNIA INSTITUTE OF ADVANCED STUDIES GRADE "A" INSTITUTE Department of Information Communication And Technology (ICT) Seminar on Cyber Security 23rd November 2023 11:00 AM to 03:00 PM Venue - Tecnia Auditorium, Rohini, Delhi. Resource Person Mr. Gaurav Cyber Security Head, CQS training Pvt. Ltd. Janakpuri, Delhi Convener: Ms Vandana : 8955254321 (Department of ICT) Student Coordinator Rishika : 7011502190 Yash Upadhyay : 8882164021
Social media link	https://www.instagram.com/p/C0NuzGexWjb/?igshid=NGEwZGU0MjU5Mw==
No. of Students*	205
No. of Faculty*	10
No. of External Participants	3

Dr Deepak
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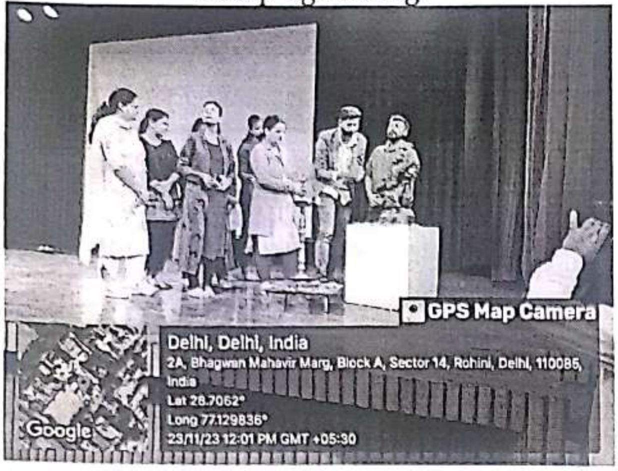
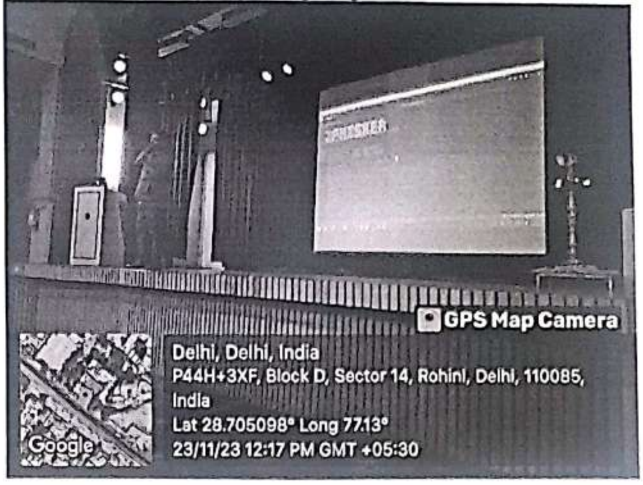
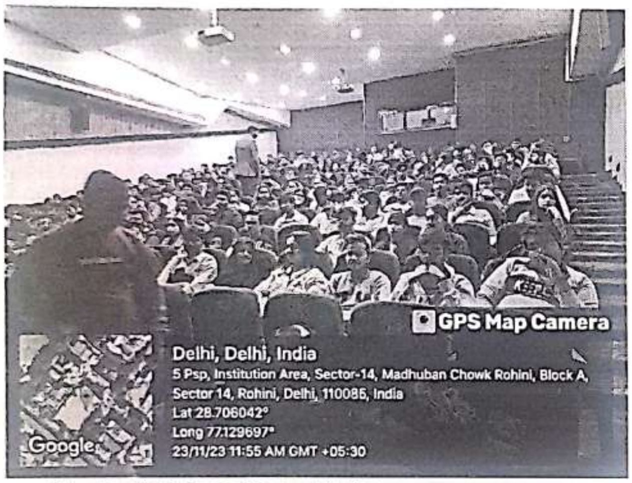
(Geotag) Photograph*	
Lamp lightening  GPS Map Camera Delhi, Delhi, India 2A, Bhagwan Mahavir Marg, Block A, Sector 14, Rohini, Delhi, 110085, India Lat 28.7062° Long 77.129836° 23/11/23 12:01 PM GMT +05:30 Google	resource person is giving the Presentation  GPS Map Camera Delhi, Delhi, India P44H+3XF, Block D, Sector 14, Rohini, Delhi, 110085, India Lat 28.705098° Long 77.13° 23/11/23 12:17 PM GMT +05:30 Google
 GPS Map Camera Delhi, Delhi, India 5 Psp, Institution Area, Sector-14, Madhuban Chowk Rohini, Block A, Sector 14, Rohini, Delhi, 110085, India Lat 28.706042° Long 77.129697° 23/11/23 11:55 AM GMT +05:30 Google Students interaction with the resource person	 New Delhi,DL,India Rohini Sector 14 Extension, New Delhi, 110085, DL, India www.tiaspg.tecnia.in +91 81680 81688 Closing of event
Report Description	On November 23, 2023, from 11:00 AM to 2:00 PM, The ICT Department hosted a Seminar for BCA students on "Cybersecurity, Current Cybersecurity Threats" at the auditorium.The resource person was Mr. Gaurav, the head and trainer at CQS pvt ltd, who gave students access to a plethora of ethical hacking materials. The presenter informed the students that cyber security has become a top priority for businesses worldwide and that it is now important for us to educate ourselves about the cybercrime taking place all around us. How this technology works, what kinds of security flaws exist, how to protect oneself from online crimes, and most importantly, what to do if

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something goes wrong.

Demonstration:

Introduction

Cybersecurity is a critical component of today's interconnected world, where digital technologies play a pivotal role in almost every aspect of our lives. As the reliance on digital platforms continues to grow, so do the threats and challenges associated with cybersecurity. This report aims to provide an overview of the current cybersecurity landscape, highlighting key challenges and strategies to mitigate risks.

Current Cybersecurity Threats

a. Ransomware Attacks: These attacks involve encrypting data and demanding a ransom for its release, causing financial losses and operational disruptions.

b. Phishing and Social Engineering: Cyber attackers often exploit human vulnerabilities through phishing emails and social engineering tactics. Deceptive messages and fraudulent schemes aim to trick individuals into revealing sensitive information, such as login credentials or financial details.

c. Supply Chain Vulnerabilities: The interconnected nature of modern supply chains creates opportunities for cyber threats. Attacks on suppliers can have cascading effects on larger organizations, impacting their operations and compromising data integrity.

d. IoT (Internet of Things) Security: The proliferation of IoT devices introduces new entry points for cyber attackers. Insecure IoT devices can be exploited to gain unauthorized access to networks, leading to data breaches and potential disruptions.

e. Zero-Day Exploits and Advanced Persistent Threats (APTs): Cyber adversaries are increasingly leveraging sophisticated techniques, including zero-day exploits and ..

Key Cybersecurity Strategies

a. Risk Assessment and Management: This includes assessing the impact of various threats and implementing measures to mitigate risks.

b. User Education and Training:Providing comprehensive training programs for employees can help raise awareness about phishing, social engineering, and other

	common attack vectors. c. Multi-Factor Authentication (MFA): Implementing MFA adds an extra layer of security by requiring users to provide multiple forms of identification. d. Regular Software Updates and Patch Management: Keeping software and systems up-to-date is crucial for addressing known vulnerabilities. Regularly applying patches and updates helps protect against exploits targeting outdated software. e. Incident Response and Recovery Planning: Organizations should develop and regularly test incident response plans to efficiently address cybersecurity incidents. This includes strategies for containing, eradicating, and recovering from a cyber attack. f. Collaboration and Information Sharing: Sharing threat intelligence and collaborating with industry peers, government agencies, and cybersecurity organizations enhances the overall resilience of the digital ecosystem. **Conclusion** In a world where digital innovations rule, cybersecurity is still a dynamic field that requires constant attention. People and organizations can better defend themselves against cyberthreats by being aware of current threats and implementing preventative measures. Industry, government, and cybersecurity experts must continue to work together to build a safe and resilient digital environment for everyone.
Resource Person Profile	Mr.Gaurav is a cyber security head and trainer in Career quest Solutions since last one year. Earlier he was also trainer in blackhat technologies,patna.
Attendance Sheet*	*Attached at the end of Report*
Feedback	*Sample feedback Attached at the end of Report*
Report Submitted by	Ms. Vandana
For Office Use	
Signature of Event Coordinator	**Signature of School/Department Head** *(With Seal)*

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Fields marked with '' are mandatory*

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