NEW HORIZON COLLEGE OF ENGINEERING

DEPARTMENT OF CSE - DATA SCIENCE

Event: "Escalating Cyber Attacks:Public Awareness and Safety Approaches"

Venue: Falconry Seminar Hall **Time-10:00 AM-12:00PM**

The Department of Computer Science and Engineering (Data Science) organized a workshop titled **“Escalating Cyber Attacks:Public Awareness and Safety Approaches”** on 19 November 2025. The session aimed to educate students about the increasing risks in the digital world and equip them with practical strategies to stay safe online.

The session was conducted by **Mrs. Manju Mehra**, a **Cyber Crime Intervention Officer and Certified Cyber Criminologist**. With her extensive experience in cybercrime handling and investigation, she provided real-world insights into how cyber threats evolve and how individuals can protect themselves.

The workshop was exclusively organized for **3rd semester students** of the Data Science department. A large number of students attended and actively participated in the session.

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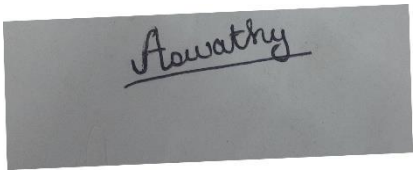
Mrs. Manju Mehra covered a wide range of important topics related to cybersecurity, including:

- **Understanding Cybercrime**
  - Common types of cyber threats such as phishing, identity theft, malware, ransomware, and online fraud.
  - Case studies of recent cyber incidents to help students understand how attackers operate.
- **Social Engineering Awareness**
  - How cybercriminals use manipulation and psychological tactics.
  - Importance of verifying sources before sharing personal information.
- **Safe Online Practices**
  - Strong password management and multi-factor authentication.
  - Importance of updating software and using verified applications.
  - Recognizing suspicious links, emails, and attachments.
- **Digital Footprint & Privacy**
  - How individuals unintentionally expose personal data online.
  - Guidelines to reduce digital footprint and control online presence.
- **Cyber Laws & Reporting**
  - Overview of Indian cyber laws and the IT Act.
  - Steps to report cybercrimes through official portals such as *cybercrime.gov.in*.
- **Preventive Strategies**
  - Importance of cyber hygiene.
  - Using antivirus, firewalls, VPNs, and secure networks.
  - Being cautious on social media and public Wi-Fi.

The session included a Q&A segment where students asked doubts regarding password safety, fraud prevention, and reporting procedures. The resource person provided clear, practical advice.

The workshop was highly informative and enhanced students' awareness about the threats prevalent in the cyberspace. It emphasized the importance of being vigilant and adopting safe digital practices. Students gained valuable knowledge that will help them protect themselves in an increasingly interconnected world



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