

**Guest Lecture on
Cyber Security Awareness**

Date: [9-5-2024]

Venue: [Auditorium]

Presenter: [Mr. Vijay Jhingran, Vice President, International College of security Studies]

Audience: [B Pharm, D Pharm & M Pharm]

Overview:

United Institute of Pharmacy, Prayagraj has organized a guest lecture on cyber security awareness. Master of ceremony of this lecture was Mrs. Pallavi Tiwari, Assistant Professor, UIP.

The lecture begins with inauguration ceremony and enlightening the lamp. Prof. Alok Mukerjee, Principal, UIP inaugurated this event. Dr. Anil Kumar Singh HOD, Pharmacy welcomed our eminent guest speaker. Mrs. Pallavi Tiwari greeted entire guests and delegates.

Overview:

This lecture provided invaluable insights into the evolving landscape of digital threats and the imperative for robust security measures. The presenter, **Mr. Vijay Jhingran**, a seasoned expert in the field, elucidated various aspects of cyber security, highlighting key challenges, emerging trends, and best practices.

Key Points Discussed:

Cyber Threat Landscape: The lecture commenced with an overview of the current cyber threat landscape, emphasizing the proliferation of cyber attacks targeting individuals, businesses, and governments. The presenter underscored the diverse nature of threats, ranging from phishing scams to sophisticated state-sponsored attacks.

Technological Advancements: The lecture delved into the technological advancements shaping cyber security, including the rise of artificial intelligence (AI), machine learning, and blockchain.

The presenter discussed how these technologies can be harnessed to enhance security measures while also acknowledging their potential vulnerabilities.

Human Factor: An important aspect highlighted during the lecture was the role of human behavior in cyber security. The presenter emphasized the significance of user awareness, training, and adherence to security protocols in mitigating risks associated with social engineering and insider threats.

Regulatory Frameworks: The lecture touched upon the regulatory frameworks governing cyber security, including compliance requirements such as www.cybersecurity.gov.in, www.ceir.gov.in

The presenter emphasized the importance of regulatory compliance in safeguarding sensitive data and ensuring accountability.

Incident Response: A significant portion of the lecture was dedicated to incident response strategies, including the importance of proactive monitoring, rapid detection, and effective mitigation of security incidents. The presenter outlined the key steps involved in incident response planning, stressing the need for a coordinated and well-defined approach.

Future Directions: The lecture concluded with a discussion on future directions in cyber security, including the anticipated challenges posed by emerging technologies such as quantum computing and the Internet of Things (IoT). The presenter encouraged continuous innovation and collaboration within the cyber security community to stay ahead of evolving threats. The presenter also encouraged less use of facebook and be careful.

The presenter also shared numbers on which we can check the hacking of our system at *#21#, *#62#.

Key Takeaways:

Cyber security is a multifaceted domain encompassing technological, human, and regulatory aspects.

Proactive measures, including user education and robust incident response planning, are essential for mitigating cyber threats.

Collaboration and knowledge-sharing are vital for staying abreast of evolving cyber security challenges.

Overall, the guest lecture provided valuable insights into the dynamic field of cyber security, empowering the audience with knowledge and strategies to navigate the complex digital landscape safely.



