



Mahatma Phule Shikshan Sanstha's
Karmaveer Bhaurao Patil College, Urun-Islampur
Taluka - Walwa, Dist - Sangli



Department of BCS
Academic Year 2024 - 25

Report On

Guest Lecture

“ Cyber Security & General Awareness ”

Date of Lecture: August 17, 2024

Venue: F7 classroom

Time: 11:00 AM – 12:00 PM

Guest Speaker: Mr. Abhijeet Patil, MKCL Executive at Maharashtra Knowledge Corporation LTD

Organized by: Department of Computer Science

Introduction

On August 17, 2024, the Department of Computer Science at KBP College, Islampur organized a guest lecture on the topic of "Cyber security and general awareness." A guest lecture on **Cyber security and General Awareness** was conducted for students and faculty members to enhance awareness about the increasing need for robust cyber security measures in today's digital world. The session aimed to shed light on the importance of cyber security practices, the potential threats that individuals and organizations face, and how general awareness can help in minimizing the risk of cyber-attacks.

Overview:

The guest lecture was divided into multiple sections, each addressing different aspects of cyber security. Mr. Abhijeet Patil the lecture by providing a brief overview of cybersecurity, emphasizing its importance in the age of digital transformation. He

discussed the rapid growth of cyber threats and highlighted key incidents that have impacted both individuals and organizations globally.

Key Highlights of the Lecture

1. Importance of Cybersecurity

The speaker started by emphasizing how integral cyber security is in today's technology-driven world. He highlighted various statistics, including the rise in cyber attacks, the growing number of data breaches, and the impact of these incidents on businesses and individuals alike.

2. Common Cyber Threats

Several types of cyber threats were discussed, including:

- **Phishing:** Deceptive attempts to obtain sensitive information such as passwords or credit card details.
- **Malware:** Malicious software designed to harm systems or steal data.
- **Ransomware:** Software that locks data and demands payment for release.
- **Social Engineering:** Manipulating individuals into divulging confidential information.

3. Measures to Prevent Cyber attacks

The speaker discussed best practices for securing personal and organizational data:

- **Use of Strong Passwords:** Creating long and complex passwords, as well as using multi-factor authentication.
- **Regular Software Updates:** Keeping systems and software updated to patch vulnerabilities.
- **Backup Strategies:** Importance of regular data backups in case of cyber attacks.
- **Awareness Training:** Conducting periodic cyber security training for employees and individuals.

4. General Awareness and Safe Online Practices

The speaker emphasized the importance of general awareness in preventing cyber attacks:

- Recognizing suspicious emails and websites.
- Avoiding the use of unsecured Wi-Fi networks.
- Being cautious when sharing personal information online.

5. Role of Government and Industry Standards

The speaker also mentioned the increasing role of governments and global organizations in creating cyber security policies, as well as the adoption of international standards like ISO 27001 to ensure secure practices in organizations.

Conclusion :

The session concluded with the speaker reiterating the need for continuous awareness and proactive measures to combat cyber threats. He encouraged participants to stay informed and adopt secure practices in both personal and professional spheres.

Acknowledgements :

The organizing committee extended their gratitude to Mr. Abhijeet Patil for sharing valuable insights on cyber security. The participants were also thanked for their active engagement during the session.

Outcome

The guest lecture was a great success in spreading awareness about the importance of cyber security. It provided attendees with essential knowledge and practical tips for staying safe in the digital world.

Photographs:



Felicited of guest by Mr. P. M. More



Ms. V. P. Patil gave welcome speech



Mr. Abhijeet Patil gave lecture on Cyber security and General Awareness

Head of BCS Department