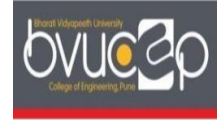


**BHARATIVIDYAPEETH(Deemed to be University)**

**COLLEGE OF ENGINEERING, PUNE.**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**



## **Report on Student Training Program: Cyber Security Trends**

**Organized by: Department of CSE & CSBS in collaboration with ICT**

**Participants: B. Tech (CSE & CSBS) Sem-5 Students**

**Date: 14<sup>th</sup> September 2024**

### **INTRODUCTION**

On September 14, 2024, the Department of CSE & CSBS in collaboration with ICT organized a Student Training Program focused on **Cyber Security Trends**. The session was conducted by **Amrapali Madekar**, a renowned cyber security expert. The objective of the training was to educate students about the current trends and challenges in cyber security, highlighting the importance of protecting data and systems in an increasingly digital world. The program provided students with an understanding of various cyber security threats, preventive measures, and the future of cyber security technologies.

### **HIGHLIGHTS OF THE Student Training Program**

Students from semesters 5 of the CSE & CSBS department actively participated in the event. The speaker, **Amrapali Madekar**, delivered an insightful presentation on cyber security, covering topics such as:

- **Emerging Cyber Threats:** New forms of malware, ransomware, and phishing attacks.
- **Cyber Defense Strategies:** Methods to safeguard data, including encryption, firewalls, and intrusion detection systems.
- **Future of Cyber security:** Discussing AI and machine learning in detecting cyber threats.
- **Ethical Hacking:** The importance of ethical hackers in identifying vulnerabilities.
- **Cyber Laws and Ethics:** An overview of cyber security regulations and the ethical considerations surrounding data protection.

Students engaged in a Q&A session following the talk, where they posed questions about career opportunities in cyber security, ways to improve personal data security, and how to deal with cyber incidents.



Students engaging in various activities conducted throughout the session.



### **IMPACT OF THIS EVENT**

The program was a huge success in raising awareness about the latest cyber security trends and the ever-growing importance of data protection. Students were not only exposed to the technical aspects of cyber security but also encouraged to consider it as a potential career path. The session motivated students to take proactive steps toward securing their online presence and ensuring that their future work in technology integrates cyber security best practices.



## ACKNOWLEDGEMENTS

A heartfelt thanks to **Dr. Vidula Sohoni**, Principal BVDUCEOEP, **Dr. Bindu Garg**, Head of the Department (CSBS & CSE), **Prof. Pranoti Kavimandan** Coordinator (CSBS) and **Prof. Sudarshana Abbad**, Coordinator (CSE), and the entire faculty of the CSE & CSBS Department for their support in organizing this insightful event.

A special thanks to **Amrapali Madekar**, whose expert insights and knowledge made the session a valuable learning experience for all. Lastly, kudos to the enthusiastic students and the dedicated organizing team for their contributions, which ensured the success of this cybersecurity training program.

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