

CII-IBM Education Workshop Series Professional Development of Teachers on Emerging Technologies

21 October 2021 | 1500 - 1630 hrs | CII Digital Platform

4th Workshop on Cybersecurity Fundamentals

Invited: Principals and Secondary School Teachers



Cyber security is the application of technologies, processes, and controls to protect systems, networks, programs, devices and data from cyber-attacks. It aims to reduce the risk of cyber-attacks and protect against the unauthorized exploitation of systems, networks and technologies.

In this session, we will discuss about the threats which is around us in digital world while using devices and web applications. We will also discuss the way to protect from the hackers and spammer. Information flow and privacy policy in the cyber world.



Sukhvinder Singh is a technologist, trainer & researcher with expertise in Web Development, Software defined Networks, Cyber Security, and Cloud computing. He is pursuing his Ph.D. degree in Computer Science and Engineering from the Amity University, Maharashtra, Mumbai, India. He works in the field of Software Defined Networks (SDN). His research work revolves around designing solutions for creating scalable, efficient, and secure SDN environments by applying Machine Learning.

He received his Master of Technology degree in Computer Science and Engineering from Punjab Technical University, Punjab, India. He is passionate about music, technology and education. He has worked with Amity University Group before starting his journey with Edunet Foundation in March 2021.

Faculty:

Sukhvinder Singh

OBJECTIVES

- Determining the assets that are important to the business and need to be kept secure at all times
- Identifying the threats and risks
- Identifying the safeguards that should be put into place to deal with these threats and risks
- Monitoring the safeguards and assets to manage security breaches
- Responding to cyber security issues as they occur
- Updating and adjusting safeguards in response to changes in assets, threats and risks.

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