



## Abstract

**In Introduction to Cybersecurity**, explored recent cyber attacks, security layers, Application Security, The CIA triad (Confidentiality, Integrity, Availability), internal and external threats and also OWASP's Top 10 secure coding practices, Secure Design.

**In Cybersecurity: Endpoint Defense**, Explored Security posture, Typical infrastructure, using security in layers principle, network and host based firewalls and IDSs protect against unauthorized access, server hardening, hardening windows and linux server, wireless network security, data classification and encryption, Application vulnerability and patching, data backup, social engineering attacks, BYOD security, and incident response, malware, disaster recovery.

**In Cybersecurity and hacker tactics awareness training**, Covered Introduction to ethical hacking, footprinting and reconnaissance, scanning (IP scanning, ID server and zenmap etc), impacts of internet loss and identity theft, Security Controls, Hacking vs. Penetration, SSH Adapter Installation, Nmap Scans, Spear-Phishing, Setoolkit, Fake Certificates, Kali Linux Upgrade, Exiftool, Android Hacking with ADB, Trojan Creation, Session Hijacking, DriveDroid, Netpoo, Driftnet, Knoppix Live, Terminator, Bitcoin Mining, Password Cracking, PIMP Distro, Browser Exploitation Framework, Maltego, Armitage, Basic Network Commands.

**In CEH v11: Risk Management, Cyber Threat Intelligence & Threat Modeling**, explored about risk, risk management, cyber threat intelligence, threat modeling.

## Details

1. Introduction to Cybersecurity
2. Cybersecurity: Endpoint Defense
3. Cybersecurity and hacker tactics awareness training
4. CEH v11: Risk Management, Cyber Threat Intelligence & Threat Modeling

## Signatures

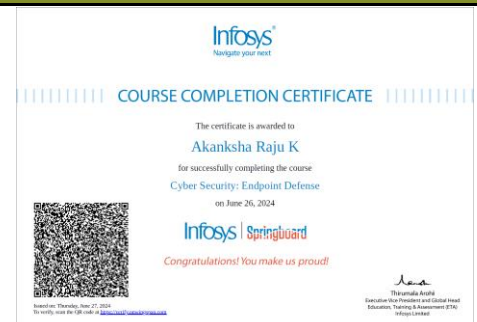
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*Boss*

**Shobha G**  
Dean, SoCSE

**Dr. Phani Kumar Pallela**  
Associate Dean, SoCSE

**K Akanksha Raju**  
BSC(Hons)



## CONTACT US

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## For Reference:

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## Abstract

**In CompTIA Cybersecurity Analyst: Cryptography**, Explored on The CIA security triad (Confidentiality, Integrity, Availability), Cryptography, Managing Windows Encrypting file system, configuring microsoft bitlocker, Encrypting cloud storage, integrity, hashing files in linux, managing file hashing in windows, hardware security module(HSM), SSL and TLS.

**K Akanksha Raju**  
**BSc(Hons)**



## Details

5. CompTIA Cybersecurity Analyst:  
Cryptography

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