Specialization - Infrastructure security
Batch (SE 2020-2021) - (BE 2023-2024)

30-07-20

Sem	Offered By	Course Name	Mentor	URL	Video Duration	Reading Duration	Quiz / Peer Graded Assignemnt Duration	Duration		Semester Course Duration
III	Coursera	Classical Cryptosystems and Core Concepts	Dr. Rajesh Bansode	https://www.coursera.org/learn/classical-cryptosystems	3hrs 10mins	6hr	3hrs 10mins	4 weeks	12hrs 10mins	43hrs 15 mins
		Mathematical Foundations for Cryptography		https://www.coursera.org/learn/mathematical-foundations-cryptography	3 hr 5 min	6hr 35 min	2 hrs 25 min	4 weeks	12 hr 5 mins	
		Symmetric Cryptography		https://www.coursera.org/learn/symmetric-crypto	1 hr 45 min	3 hr 50 min	4 hr 45 min	4 weeks	10 hr 20 mins	
		Asymmetric Cryptography and Key Management		https://www.coursera.org/learn/asymmetric-crypto	1 hr 30 min	3 hr 50 min	3 hr 20 min	4 weeks	8 hrs 40 mins	
IV	Coursera	Linux Server Management and Security	Mr. VikasKaul	https://www.coursera.org/learn/linux-server-management-security	2 hr 35 min	5 hrs	4 hr 30 min	4 weeks	12 hr 05 min	42hrs 05mins
		Network Security & Database Vulnerabilities		https://www.coursera.org/learn/network-security-database-vulnerabilities	4 hrs 35 min	1 hr 55 mins	4 hr 05 mins	4 weeks	10 hrs 35 min	
		Secure Networked System with Firewall and IDS		https://www.coursera.org/learn/secure-networked-system-with-firewall-ids	1 hr 15 min	3 hr 15 min	4 hr 35 min	3 weeks	09 hr 05 min	
		Design and Analyze Secure Networked Systems		https://www.coursera.org/learn/design-secure-networked-systems	3 hrs 05 min	4 hr 20 min	3 hrs	4 weeks	10hrs 20 min	
V	Coursera	Introduction to Cybersecurity Tools & Cyber Attacks	Mr. Rahul Neve	https://www.coursera.org/learn/introduction-cybersecurity-cyber-attacks	6 hrs 30 min	4 hrs	10 hrs	4 weeks	20 hrs 30 min	41 hrs 40 min
		Network Security & Database Vulnerabilities		https://www.coursera.org/learn/network-security-database-vulnerabilities	4 hrs 35 min	1 hr 35 min	4 hrs	4 weeks	10 hrs10 min	
		DDoS Attacks and Defenses		https://www.coursera.org/learn/ddos-attacks-and-defense	1 hr 40 min	5 hrs 20 min	4 hrs	4 weeks	11 hrs	
VI	Coursera	Software Security	Mr. Sandip Bankar	https://www.coursera.org/learn/software-security	6 hr 30 min	2 hrs 45 min	5 hrs 25 min	4 weeks	14 hrs 35 min	41 hrs 05 min
		Usable Security		https://www.coursera.org/learn/usable-security	4 hrs 10 min	2 hrs 25 min	3 hrs 35 min	4 weeks	10 hrs 10 min	
		Hacking and Patching		https://www.coursera.org/learn/hacking-patching	3 hrs 30 min	6 hrs 30 min	6 hrs 25min	4 weeks	16 hrs 25 min	
VII	Coursera	Cybersecurity and the Internet of Things	Mr. Vijaykumar Yele	https://www.coursera.org/learn/iot-cyber-security	1 hr	5 hrs	4 hrs	4 weeks	10 hrs	42 hr 35
		Cybersecurity and Mobility		https://www.coursera.org/learn/cybersecurity-mobility	1 hr 10 min	8 hrs min	4 hrs	4 Weeks	13 hrs	
		Cybersecurity and the X-Factor		https://www.coursera.org/learn/cybersecurity-and-x-factor	1 hr 30 min	4 hrs 30 min	3 hrs 30min	4 Weeks	9 hr 30min	
		The Business of Cybersecurity Capstone		https://www.coursera.org/learn/business-of-cybersecurity-capstone	1 hrs 10 min	5 hrs 20 min	3 hrs 35 min	4 Weeks	10 hrs 5 min	
VIII	Coursera	Block Chain Basics	Dr. Deven Shah / Sandeep Bankar	https://www.coursera.org/learn/blockchain-basics	1 hrs 30 min	6 hrs 25 min	10 hrs 35 min	4 Weeks	18 hrs 30 min	41 hrs 30 mins
		Smart Contracts		https://www.coursera.org/learn/smarter-contracts	2 hr 10 min	4 hr 20 min	4 hr 30 min	4 weeks	11 hrs	
		Decentralized Applications (Dapps)		https://www.coursera.org/learn/decentralized-apps-on-blockchain	2 hr 25 min	5 hrs	4 hr 35	4 weeks	12 hrs	

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