

NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Computer Science and Engineering - NOC:Practical Cyber Security for Cyber Security Pract

Subject Co-ordinator - Prof. Sandeep K. Shukla

Co-ordinating Institute - IIT - Kanpur

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

- Lecture 1 - Introduction to the Course - Practical Cyber Security for Cyber Practitioners
- Lecture 2 - Introduction to Cyber Kill Chains - Lockheed Martin Kill Chain
- Lecture 3 - Understanding Cyber Kill Chain - Delivery, Exploitation, and Installation
- Lecture 4 - Mastering the Cyber Kill Chain: Command and Control and Actions on Objectives
- Lecture 5 - Introduction to MITRE ATT&CK framework
- Lecture 6 - Understanding MITRE ATT&CK: A Guide to Cyber Threat Intelligence
- Lecture 7 - Mapping to ATT&CK from Finished Cyber Incident
- Lecture 8 - Introduction to Mapping to ATT&CK from Raw Data
- Lecture 9 - Mapping to ATT&CK from RAW Data
- Lecture 10 - Storing and Analyzing ATT&CK-Mapped Data
- Lecture 11 - Making Defensive Recommendations from ATT&CK-Mapped Data
- Lecture 12 - TTP Mapping and Introduction to Unified Kill Chain
- Lecture 13 - Deep Dive into Unified Kill Chain - Part 1
- Lecture 14 - Deep Dive into Unified Kill Chain - Part 2
- Lecture 15 - Introduction to MITRE DEF3ND Framework
- Lecture 16 - Deep dive into MITRE DEF3ND framework - I
- Lecture 17 - Deep dive into MITRE DEF3ND framework - II
- Lecture 18 - MITRE DEF3ND Framework Conclusion and Introduction to Risk Identification and Assessment
- Lecture 19 - Deep dive into Risk Assessment - I
- Lecture 20 - Deep dive into Risk Assessment - II
- Lecture 21 - Introduction to Cyber Crisis Management
- Lecture 22 - Cyber Crisis Conclusion and Introduction to Cyber Resilience
- Lecture 23 - Deep dive into Cyber Resilience - I
- Lecture 24 - Deep dive into Cyber Resilience - II
- Lecture 25 - Cyber Resilience Review (Self-Assessment)
- Lecture 26 - Cyber Threat Intelligence Sharing - STIX Tutorial - Part 1
- Lecture 27 - Cyber Threat Intelligence Sharing - STIX Tutorial - Part 2
- Lecture 28 - Introduction to SCAP, CVE and CCE
- Lecture 29 - Deep Dive into CVE, CCE, CPE, CVSS Scoring, XCCDF, OVAL Languages - Part 1

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Lecture 30

Lecture 31

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