



NITIE

National Institute of
Industrial Engineering
Mumbai - India



MANAGING CYBER RISKS IN MODERN SUPPLY CHAIN

Tentative Dates : 26h to 30th November '21

Time : 5.00 pm to 8.00 pm

Duration: Total 15 hrs, 3 hrs. per day

Digital technologies have changed the way supply chain operations are structured. The adoption of emerging digital technologies and their integration with supply chain not only provides benefit to organizations towards resource saving but also pose challenges of increased cyber-attacks in the logistics and supply chain environment making firms to lose the competitive position in the market. Cyber supply chain risks include sourcing, vendor management, supply chain continuity and quality, transportation security and many other functions across the enterprise and require a coordinated effort to address. The elimination or reduction of cyber risk and vulnerability can be achieved by enhancing cybersecurity in an organisation. This course aims to focus on identification, assessment, evaluation, monitoring and mitigating the cyber risks with best practices implementation to have secured supply chains.

OBJECTIVES

- To **understand** the paradigm shift in logistics and supply chain
- To **identify** the cyber-risks in logistics and supply chain
- To **assess, evaluate and monitor** cyber risk in supply chains
- To **mitigate and design** best practices to manage cyber risk in modern supply chains
- To **apply predictive analytics** to manage cyber risk

COVERAGE

- Introduction to structure and design of modern digital supply chain
- Cybersecurity challenges and digital supply chain security principles
- Identification methods of cyber risks in supply chain
- Techniques of assessment and evaluation of cyber-risks
- Risk management framework and best practices

ABOUT PROGRAM

FACULTY EXPERT



Prof. Shyamsundar
Professor Emeritus
IIT Bombay

COORDINATORS



Prof. Purnima Sangle
Professor
NITIE Mumbai



Prof. Ruchita Gupta
Assistant Professor
NITIE Mumbai

Target Audience: Young professionals, academicians and middle level managers working across sectors and involved in designing and transforming logistics and supply chain



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