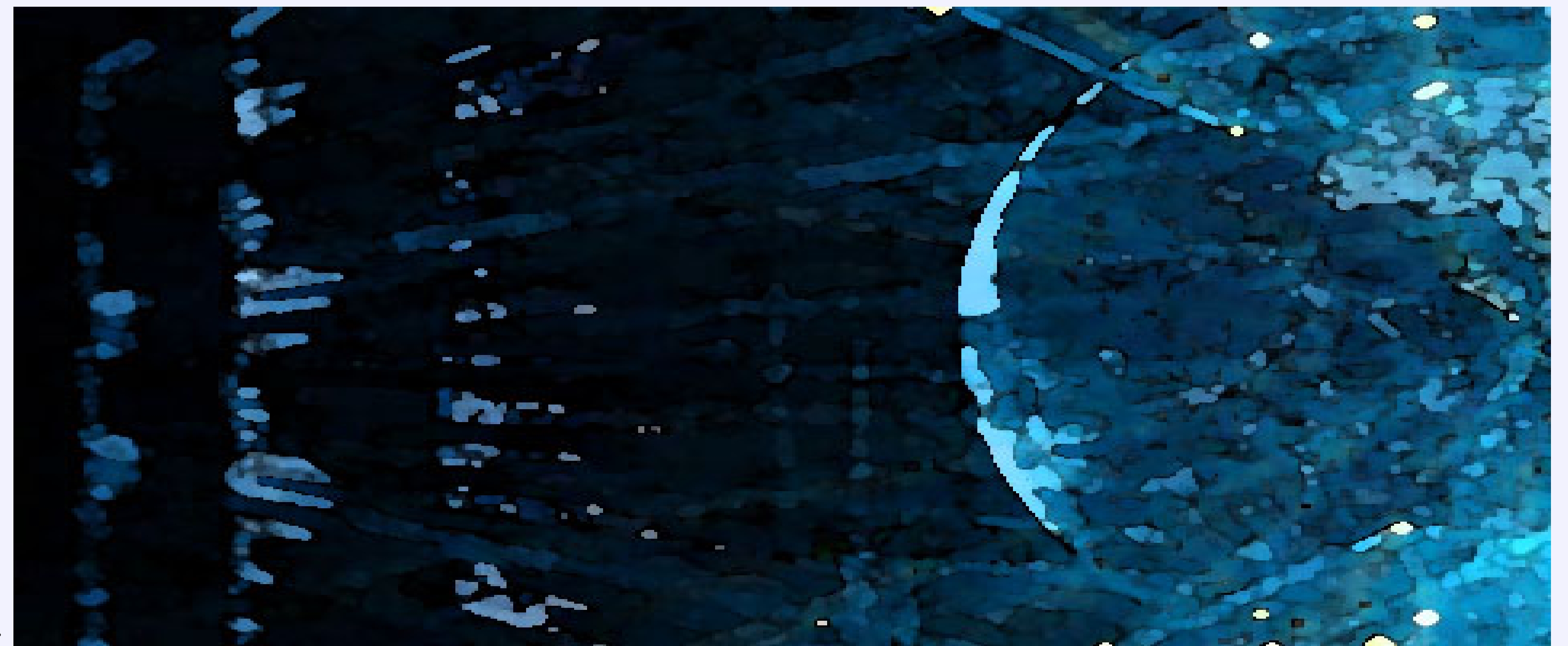




FOUNDATIONS OF CYBER RISK MANAGEMENT

Institute of Technology Management and Research
training@htcitmr.ac.in

Specialize in Cyber risk management



About the Program

Cybersecurity risk management guides a growing number of IT decisions. Cybersecurity risks continue to have critical impacts on overall IT risk modeling, assessment and mitigation. Risk management is the identification, assessment, and prioritization of risks followed by coordinated and economical application of resources to minimize, monitor, and control the probability and/or impact of unfortunate events or to maximize the realization of opportunities. This course is built around globally accepted standards such as ISO 31000:2009 and frameworks such as ISACA's Risk IT, and NIST and OCTAVE guidelines for risk management.

In this course, you will learn about the general security information followed by security risk management framework and its practices and how to identify and model information security risks and apply both qualitative and quantitative risk assessment methods. Understanding this framework will enable you to articulate the business consequences of identified information security risks as applicable to different standards. These skills are essential for any successful information security professional. Cybersecurity courses teach professionals to spot vulnerabilities, fend off attacks, and immediately respond to emergencies.

Program Objective

It has become imperative for every organization to become aware of all risks inherent in the evolving cyber landscape. Learn key principles of risk analysis, risk assessment and risk mitigation for information security using both qualitative and quantitative methodologies. Cybersecurity risk management guides a growing number of IT decisions. Cyber security risks continue to have critical impacts on overall IT risk modeling, assessment and mitigation.

Drawing on real-life case studies, an experienced senior information risk consultant will provide you with insights to enable you to create a blueprint for a plan that not only includes the implementation of technical measures (controls) but also takes into account the people, processes, governance, leadership and culture in your organisation.

- **M**aster cyber security
- **A**ssess the situation
- **S**trategize the options
- **T**rigger insights
- **E**xtract meaningful security techniques
- **R**ealize business benefits

Team Games
Structured
Hands on
Case Driven
Nano diploma

Program Outline

- Cyber Risk Management (Contributes to PDCIL)
 - Information Systems - Risk management - Risk - Identification - Assessment
 - Risk Analysis - Risk Response - Risk Tolerance
 - Risk types - Assets management - classification - Valuation
 - Threat management - Threat model - Threat attributes
 - Attack tree - STRIDE - CAPEC- Threat Statements - TAXII standards
 - Principles of Business continuity - Business Interruption Events - Business impact assessment.

Dates / Venue

Get in Touch

5 days

Venue: ITMR / online

Audience

This course is intended for aspirants who want to master the art of corporate cyber security and business continuity. This program is best suited for:

- Software Engineers & Administrators
- Developers and Software professionals.
- System Managers & Infrastructure Engineers
- Lawyers / Compliance Managers.
- Any professional aspiring to set their foot in cyber security

About ITMR

The convergence of Mobile, Cloud, Social Media, and Big Data is transforming the IT landscape. Technology transformation is accelerating and impacting job roles, driving organizations to redefine, create roles and skills to meet technology demands. Performance-oriented market and globalization impels development of new skills and align them with the organization's business needs.

Institute of Technology, Management and Research(ITMR) is a premier institute aimed at providing world class education through its various academic and corporate training programs. ITMR offers cutting edge vocational skills, and mold professionals to become business and technical domain experts. ITMR offers diploma, and postgraduate diploma programs to help working professionals to scale up and meet the challenges of the industry.

These courses are conducted by highly qualified and well experienced faculty with more than 20 years of training and consulting experience in various security domains, and ethical hacking. The faculty is a judicious mix of eminent professors and practising professionals who are domain experts and practitioners in their own chosen fields.

Questions

Get your Questions answered here. Reach Out for Discussions