COURSE CONTENT

• IS Governance &Management -IS & IS Security Frameworks, Capability Maturity Model (CoBIT framework, ISOs – 27000 Series (Security); 38500 Series (IT Governance); 20000 Series (IT Services Management)

• Audit of Information Systems (GUID 5100)

• Acquisition & Development of IT Systems with case studies

• Audit of IS Controls with case studies

• Information systems auditing process : Risk-Based approach to IS Audit Planning with case study

• IS Operation & Maintenance

• Planning IS Audits: Audit Design Matrix – An exercise /Group Activity

• Introduction to Data Analytics & use of Data Analytics Tool Power BI/Tableau/KNIME in Audit

• Information systems auditing process: Audit Execution: Evidence Gathering, Documentation & Evaluating Audit Evidence with case studies and exercises

• Information Systems Security audit

• Online Certification course in Data Analytics

• Information systems auditing process: Drawing Conclusion and Audit Reporting with case studies and exercises

• Use of Artificial Intelligence (AI) & Machine Learning in Audit: Case Studies