

# INFOSoft IT SOLUTIONS

## Training | Projects | Placements

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## IT GOVERNANCE TRAINING

### 1: Introduction to IT Governance

- Definition and Importance of IT Governance
- The Role of IT in Business Strategy
- Key IT Governance Principles
- Case Studies on IT Governance Failures and Successes

### 2: IT Governance Frameworks and Standards

- Overview of Popular IT Governance Frameworks (COBIT, ITIL, ISO/IEC 38500)
- Detailed Study of COBIT 2019
- Implementing ITIL for IT Service Management
- Understanding ISO/IEC 38500

### 3: IT Strategy and Alignment

- Aligning IT with Business Goals
- Developing an IT Strategic Plan
- IT Portfolio Management
- Case Studies on IT-Business Alignment

### 4: IT Risk Management

- Identifying and Assessing IT Risks
- Developing IT Risk Management Strategies
- Implementing IT Risk Controls
- Case Studies on IT Risk Management

## **5: IT Compliance and Regulatory Requirements**

- Overview of IT Compliance Requirements (GDPR, SOX, HIPAA)
- Designing IT Compliance Programs
- Monitoring and Auditing IT Compliance
- Case Studies on IT Compliance

## **6: IT Performance Measurement and Management**

- Key Performance Indicators (KPIs) for IT
- IT Balanced Scorecard
- Benchmarking IT Performance
- Case Studies on IT Performance Management

## **7: IT Governance Structures and Committees**

- Designing IT Governance Structures
- Roles and Responsibilities in IT Governance
- Establishing IT Governance Committees
- Case Studies on IT Governance Structures

## **8: Emerging Trends in IT Governance**

- Governance in Cloud Computing
- IT Governance for Agile and DevOps Environments
- Data Governance and Big Data
- Case Studies on Emerging Trends in IT Governance

## **9: Practical Application of IT Governance**

- Developing IT Governance Policies and Procedures
- Implementing IT Governance Tools and Technologies
- Change Management in IT Governance
- Workshop: Developing an IT Governance Plan

## **ADVANCE TOPICS :-**

### **1 . Review of Fundamental IT Governance Principles**

- The Evolution of IT Governance Practices
- Advanced Governance Theories and Models
- Critical Analysis of IT Governance Literature

### **2: In-depth Study of IT Governance Frameworks**

- Detailed Analysis of COBIT 2019 (Focus on Implementation and Maturity Models)
- Advanced ITIL Practices and Integration with IT Governance
- Integrating ISO/IEC 38500 with Other Frameworks
- Comparative Analysis of Various IT Governance Frameworks

### **3: Strategic IT Governance**

- Advanced IT-Business Alignment Techniques
- Strategic IT Governance and Business Transformation
- Designing and Implementing IT Governance for Digital Transformation
- Case Studies on Strategic IT Governance

### **4: Advanced IT Risk Management**

- Enterprise Risk Management Frameworks (ERM) and IT
- Quantitative Risk Analysis Techniques
- Advanced IT Risk Mitigation Strategies
- Integrating Risk Management with Governance and Compliance (GRC)
- Case Studies on Complex IT Risk Management Scenarios

## **5: Regulatory Compliance and Legal Issues**

- Navigating Complex Regulatory Landscapes (GDPR, CCPA, NIST)
- Advanced Compliance Management Systems
- Legal Considerations in IT Governance
- Data Privacy and Protection Laws
- Case Studies on Advanced Compliance Challenges

## **6: IT Performance Management and Optimization**

- Advanced IT Performance Measurement Techniques
- Implementing and Optimizing the IT Balanced Scorecard
- Performance Optimization through Continuous Improvement Processes
- Case Studies on IT Performance Optimization

## **7: IT Governance in Emerging Technologies**

- Governance Challenges in Cloud Computing and Hybrid IT Environments
- IT Governance for AI and Machine Learning Applications
- Blockchain and IT Governance
- Big Data Governance and Advanced Data Analytics
- Case Studies on IT Governance in Emerging Technologies

## **8: Cybersecurity Governance**

- Integrating Cybersecurity with IT Governance
- Advanced Cybersecurity Risk Management
- Incident Response and Management Governance
- Governance of Cybersecurity Frameworks (NIST, CIS)
- Case Studies on Cybersecurity Governance