

Course Name: Business Continuity and Risk Management	Course Code ITNT 308
pre-requisite: ITNT302- Network Management	Credit Hours: 3
Passing Grade: C	Level: B.Tech
No. Of Theory & Practical Hours (2:2)	
Goal: <ul style="list-style-type: none"> • Develop a strategic and comparative plan for the unexpected event in an IT environment such as Network Infrastructure. • To provide a foundation and guide to coordinated organizational emergency response and event management during and after a disruptive occurrence. • Build and design Business Continuity and Disaster recovery Plan with the concept of Risk Analysis, Business Impact Planning, Recovery Time and recovery point Objective. 	
Objectives: The course should enable the student to : <ul style="list-style-type: none"> • Describe backup, recovery, disaster recovery, business continuity, and replication concepts. • Demonstrate an understanding of planning for business continuity and high availability. • Identify the core parts and functions of an integrated, effective, corporate business continuity program. • Understand how to effectively determine business unit business resumption requirements for loss of workspace, loss of information technology, and loss of personnel. • Understand the core quality control concepts surrounding the development and use of scorecards in evaluating business resumption and disaster recovery plans, and standardized objective metrics in information technology testing. 	
Outcomes	Method
1. Describe the Business Continuity and Disaster Recovery overview	Theory
2. Explain the Elements of Project Initiation, Business Continuity Plan(BCP) and Disaster Recovery Plan (DRP)	Theory & Case Study
3. Apply Risk Management Components to solve various vulnerabilities in an Enterprise Environment	Theory & Case Study
4. Evaluate the Business Impacts process into various stages.	Theory & Case Study
5. Prepare Mitigation strategies for the prescribed Network Infrastructure using Backup and Recovery methods.	Theory & Case Study
6. Design and Develop different ways of solving BC/DR problems.	Practical

Hardware/Software Tools:

- VirtualBox 4.0 or Higher Version
- Network Simulation Software – GNS3 or Packet Tracer

Book: Business Continuity and Disaster Recovery for IT Professional by Susan Snedarker

Reference Book:

- 1) Business Continuity & Disaster Recovery for IT Professionals (E-book)
- 2) Advance Active Directory Management – Train Signal
- 3) IT Disaster Recovery Plan Template – Search Disaster Recovery.com (Web Content)