

- CLOUD COMPUTING MODULE
- Enabling Technologies and System Models for Cloud Computing
- Introduction to Cloud Computing including benefits, challenges, and risks
- Cloud Computing Models including Infrastructure/Platform/Software – as-a-service
- Public cloud, private cloud and hybrid clouds
- Cloud OS
- Cloud Architectures including Federated Clouds
- Scalability, Performance, QoS
- Data centers for Cloud Computing
- Principles of Virtualization platforms
- Security and Privacy issues in the Cloud
- VMWare ESX Memory Management
- Capacity Planning and Disaster Recovery in Cloud Computing