

Topic 1 : **Cloud Technology Overview**

Relevant Course: Cloud Computing

Relevant Department: Computer Engineering;

Relevant Semester: 7th or 8th Semester of 4 year B.Tech programme

Prerequisite: Course on Operating Systems

Reference : Yet to be decided

Topic Description :

- Concept of Virtualization
- Multiprogramming Vs Virtualization
- Virtualization Architecture
- Virtual Machine : Live Migration, Load Balancing, Consolidation Iaas, PaaS, SaaS
- Open Source Cloud
- Public Cloud