CAP471:CLOUD COMPUTING-LABORATORY

Course Outcomes: Through this course students should be able to

CO1 :: Discuss the cloud computing services and their mechanisms.

CO2 :: Apply the concepts of Storage and sharing in the cloud computing.

CO3 :: Analyze various collaboration tools provided by different cloud service providers and how these tools are useful in the organisations.

CO4 :: Summarize steps and processes used to perform operations in a cloud computing environment.

CO5 :: Assess the systems, protocols and mechanisms to support virtualisation in cloud computing.

List of Practicals / Experiments:

Cloud Service Providers

- Visit to the web sites of various cloud service providers.
- Overview of the services provided by them.

Collaboration Tools

- Storage and Sharing of Data
- Editing Tools
- Schedules and Task Management
- Creation of To-do Lists
- Web-Based Communication Tools
- Collaboration on Project Management

Virtualisation

- Introduction to the VMware Hands on Lab Platform
- Creation of Virtual Machine
- Updating Hardware Version of the Virtual Machine
- Updating Virtual Memory of the Virtual Machine
- Restrict the Number of Users accessing the Virtual Machine
- Creation of Content Library
- Creation of Template, Clones and Snapshots of a Virtual Machine
- Migrating a Virtual Machine
- Migrating Virtual Machine data

Text Books:

1. CLOUD COMPUTING, A PRACTICAL APPROACH by ANTOHY T VELTE, M.G.Hills

2. CLOUD COMPUTING, A PRACTICAL APPROACH by ANTOHY T VELTE, M.G.Hills

3. CLOUD COMPUTING, A PRACTICAL APPROACH by ANTOHY T VELTE, M.G.Hills

References:

1. CLOUD COMPUTING FOR DUMMIES by BLOOR R., KANFMAN M., HALPER F. JUDITH HURWITZ, WILEY

2. CLOUD COMPUTING FOR DUMMIES by BLOOR R., KANFMAN M., HALPER F. JUDITH HURWITZ, WILEY

3. CLOUD COMPUTING FOR DUMMIES by BLOOR R., KANFMAN M., HALPER F. JUDITH HURWITZ, WILEY