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.

 ${\sf CO4}:$ 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

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