

## Lesson Plan –B.A/ B.Sc./ B.Com 2<sup>nd</sup> Sem

### SEC 201- Cloud Computing

**Feb.: Basic Concepts of Cloud Computing:** Computer network Basics, Concepts of Distributed Systems, Concepts of Cloud Computing and its Necessity.

**March: Cloud Infrastructure:** Cloud Pros and Cons. Cloud Delivery Models, Cloud Deployment Models.

**Cloud Storage Management:** Concept of Virtualization and Load Balancing. Overview on Virtualization used for Enterprise Solutions. Key Challenges in managing information. Identifying the problems of scale and management in big data.

**April: Building Cloud Networks:** Designing and implementing a data centre-based cloud installing open source cloud service. Amazon Web Services, Google Cloud Platform.

### Revision of Full Syllabus

*Revite*  
*Sahy*