Certificate course in Cloud Computing

Objective of the course:

This Course focus on basic concepts of Cloud Computing and its available services. Students will learn use of cloud services provided by multiple vendors.

Learning Outcomes:

After completion of the course, the students will be able to develop basic understanding of cloud computing, its services (through tools) and deployments models.

Duration of the Course (In Hours): 60 hrs

Course Fee : Rs. 10,000/-+GST

Minimum Eligibility Criteria: Undergoing B.E.(CS/IT)/B. Tech(CS/IT)/MCA/M.Sc.(CS/IT)/B. Sc(CS/IT)/BCA   Or

 NIELIT O/A/B -Level/PGDCA

Prior Knowledge: Operating system (window and Linux) and networking knowledge.
Outline of Course:

S. No.	Topic	Hours
1.	Introduction to Cloud Computing	03 hrs
2.	Cloud Adoption and Migration	03 hrs
3.	Virtualization	04 hrs
4.	Software as a Service (SaaS)	10 hrs
5.	Platform as a Service (PaaS)	18 hrs
6.	Infrastructure as a Service (IaaS) and security aspect in cloud.	22 hrs

Total Hours	60 Hrs

References:

1. A Complete Guide to Cloud Computing: http://www.chinacloud.cn/upload/2010-02/10021300131703.pdf.
2. CLOUD COMPUTING Principles and Paradigms by Raj Kumar Buyya: http://www.chinacloud.cn/upload/2011-07/11073107539898.pdf