CLOUD COMPUTING TECHNOLOGY
-by CDAC Chennai

Designed for: IT Professionals /Central and State Govt. Employees including PSU, Autonomous bodies, Fresh recruits, Entrepreneurs for internship & apprenticeship roles in IT / ITES sector

Joint Certification:
MeitY, Govt. Of India, SSC NASSCOM

About the Course:
The training program in Cloud Computing is to create a re-skilling/up-skilling ecosystem in Cloud. The programme offers curated content and mapped with NOS/ job roles with the existing skill sets of the candidates. The course is designed to articulate the key technologies, strengths and limitations of Cloud Computing, exposure to cloud standards, security and best practices and also defines Enterprise Cloud Guidelines and Implement Regulatory Compliance. The course also provides expertise on designing, maintaining, evaluating and testing architectures of AWS, Openstack, Container and DevOps solutions.

The programme would run in online/blended mode, which is its salient feature, and aims to facilitate the continuous enhancement of skills, create awareness among IT professionals about the impact of evolving technological ecosystem and train them with relevant skill sets

Course Fees: Rs. 4,000 (incl. of taxes)
Course Duration: 100 hrs.
Theory: 48 hrs. **Lab: 52** hrs.

Mode: Blended
Faculty Interaction: 30 hrs
Self-paced Learning :70 hrs

Course Content
- Introduction to Cloud Computing
- Data Centre and IT Assets
- Virtualization
- AWS Public Cloud Service
- Openstack Private Cloud Service
- Cloud Networking
- Cloud Storage
- Cloud Security
- Containers
- Infrastructure as Code

Tools you learn
- Virtualization - KVM, VMware
- AWS Services - EC2, EBS, S3,
- Openstack Software
- SDN - Openvswitch, Linux Bridge
- Cloud Storage - Swift, Cinder
- Cloud Security - Security Groups,PKI
- Containers - Docker
- Infrastructure as Code - Ansible and Puppet

Resource Centre: NIELIT DELHI