

# PARSHVANATH CHARITABLE A. P. SHAH INSTITUTE OF TECHNOLOGY



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# Webinar Topic:- RED HAT OPENSTACK ADMINISTRATION-I\_CL110

Name of College: - A. P Shah Institute of Technology, Kasarvadavali,

Ghodbunder Road, Thane (Maharashtra)

**Department:** - Information Technology

**Date:** - 16/12/2021

Participants: - 44

**Targeted Audience:** Students of TE & BE Information Technology

Speaker: - Mohammed Zaffar Ali, Technical Account Manager at Red Hat

#### **Faculty Accompanied:**

- 1) Prof. Kiran Deshpande

2) Prof. Neha Deshmukh

#### Aim of webinar: -

This course will teach students to install a proof-of-concept as well as configure, use, and maintain Red Hat OpenStack Platform. This course covers the following core services: identity (Keystone), block storage (Cinder), image (Glance), networking (Neutron), compute and controller (Nova), and dashboard (Horizon).

### **Course content summary: -**

Students in the Red Hat OpenStack Administration I: Core Operations for Domain Operators (CL110) course will focus on performing both routine and specialized tasks that are necessary to manage a production OpenStack overcloud domain. Students will manage OpenStack using both web-based and command-line interfaces. Essential skills covered in the course include the following:

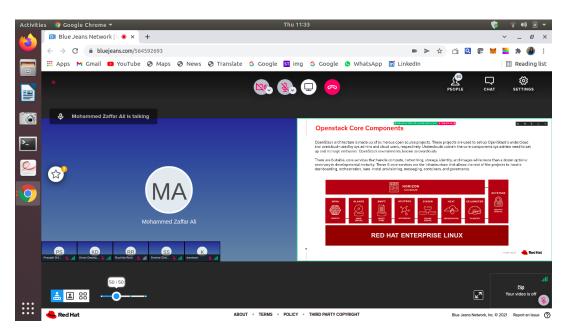


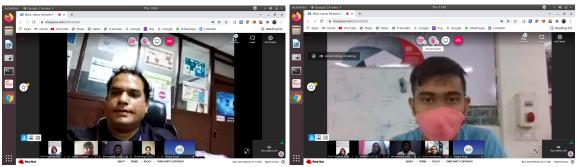
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- Launch instances to satisfy various use case examples.
- Manage domains, projects, users, roles, and quota in a multitenant environment.
- Manage networks, subnets, routers, and floating IP addresses.
- Manage instance security with group rules and access keys.
- Create and manage block, object and shared storage within OpenStack.
- Perform instance launch customization with cloud-init.
- Deploy scalable applications using stack templates.

#### **Some Screenshots: -**







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