VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA

Report on A Workshop on "Software Development using Cloud Services"

Name of Department	:	Information Technology Department
Title of Workshop	:	Software Development using Cloud Services
Expert Name, Designation & Affiliation	:	Dr Balwinder Sodhi, Assistant Professor, CSE Dept, IIT, ROPAR
Date & Time	:	10/03/2021, Wednesday. Time: 11.30 AM to 1 PM
Venue	:	Microsoft Team (Online)
No of Participants	:	114
Event Coordinators	:	Prof Naimisha S. Trivedi, Prof Jignesh H. Vania, Prof. Vibha D. Patel

About the Workshop

A Workshop on "Software Development using Cloud Services" was organized by the IT Department, on March 10th, 2021 from 11:30 AM. The Expert of the webinar, Dr. Balwinder Sodhi is a faculty in the CSE Department at IIT Ropar. The Expert Dr. Balwinder Sodhi has specialization in various technologies including virtualization and cloud computing. 114 students attended the workshop to learn various usages of Cloud Services.

Objectives

- To introduce the students to the virtualization in cloud computing.
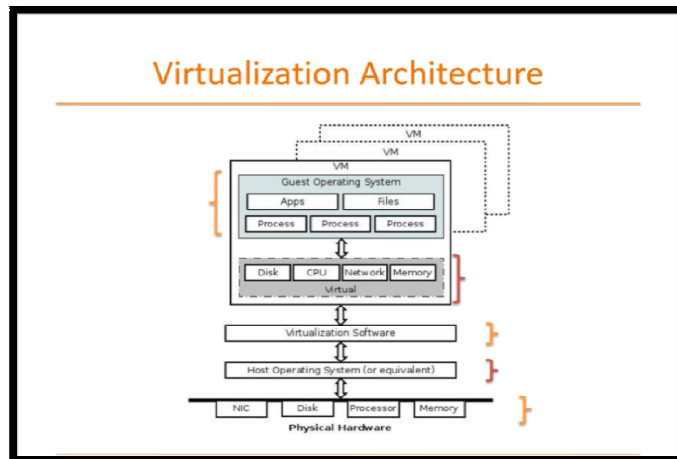- To get the students familiarize with cloud computing, services and pricing.

Discussion Points

- Introduction to virtualization, Its importance
- Introduction to PaaS (Platform as a Service)
- Server less computing with Cloud
- A quick walk through the AWS Services like EC2, Beanstalk, Lambda & Textract
- Exploration of the services provided by Public Cloud Providers
- Comparison between various cloud service providers like Google, MS Azure, AWS and IBM
- Using the cloud services to perform significant tasks

A Statement by the Expert

- "Cloud Computing has simplified the life of a conventional developer. It has reduced costs and increased efficiency in terms of time and effort." – Dr. Balwinder Sodhi

A Glimpse of the Workshop

Poster of the Workshop