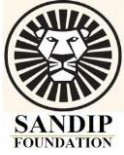Sandip Foundation's
Sandip Institute of Technology and Research Centre, Nashik
Department of Computer Engineering

Activity Report

Of

Seminar on Cloud Computing

(10th October 2019)

Organized by
Department of Computer Engineering
Sandip Institute of Technology and Research Centre, Nashik

Sandip Foundation's
Sandip Institute of Technology and Research Centre, Nashik
Department of Computer Engineering

Name of Program: Cloud Computing

Date: 10th October 2019

Resource Person: Ashwin Balani, First Impression Technologies, Nagpur

Event Coordinator: Prof. Pramod Patil

Participants: TE (Computer Department)

Venue: Computer Department, Class room (C Building)

Aim:
The aim of this seminar is to help students to understand Importance of Cloud Computing.

Objective:
1. To get familiar with Cloud Computing technology.
2. To understand the role of Cloud Computing Engineer towards the society.

Outcomes:
1. Students were able to understand Cloud Computing and its importance.
2. They understood the role of Cloud Computing Engineer towards the society.

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Topics covered

1. Introduction to the cloud

- What is a cloud?
- Where did the cloud come from? History, evolution, etc.
- What a cloud is not: Grid, parallel computing, VM, etc.
- Characteristics of cloud computing

2. What makes a cloud?

- Storage Virtualization
- Application virtualization
- Server virtualization
- Network virtualization

3. Hands-on demonstration of cloud computing

- Creating an account on the cloud
- Starting a server instance
- Allocating storage and other resources
- Deploying an application

4. Cloud Computing Service Models

- Infrastructure as a Service (IAAS)
- Platform as a Service (PAAS)
- Software as a Service (SAAS)

5. Cloud computing deployment models

- Public Cloud
- Private Cloud
- Community Cloud
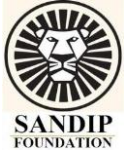- Hybrid Cloud

6. Advantages of cloud computing

- Cost model change (Capex to Opex only)
- Reduction in cost of ownership (TCO)
- On-demand scalability
- Reliability
- Shorter Time to Market
- Ease of Use
- Reduction in operation overheads

7. Challenges of cloud computing

- Security
- Data privacy
- Performance
- Availability

8. Cloud providers and their offerings

- Amazon
- Microsoft
- Google
- Salesforce.com

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Summary Report of Seminar on Cloud Computing

A seminar to create awareness on Cloud Computing and information about different clouds available for the IT world was organized by the department of Computer Engineering, Sandip Institute of Technology and Research Center, Nashik. The seminar was organized on Date: 10th October 2019. The lecture started with welcome & felicitation of Mr. Ashwin Balani from First Impression Nagpur. Mr. Balani guided students about the technology and how it is used in our day to day life. He also explained students about various trends available in the market regarding cloud computing. He explained the students how cloud technology makes uses of various different software's and different algorithms. The workshop was attended by 59 students.

At the end of event students appreciated the session. Students understood the importance of could technology and its use in the current industrial scenario.

The workshop concluded with vote of thanks proposed by student.

Prof. Pramod Patil   **Prof. (Dr.) Amol. D. Potgantwar**
   Co-ordinator   **(HOD, Comp Dept.)**

Photograph: