**Late Shri. Vishnu Waman Thakur Charitable Trust's**

# VIVA INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi, DTE, Govt. of Maharashtra and Affiliated to the University of Mumbai)

## Computer Engineering Department

## Report on ISTE Approved Short Term Training Programme, on Cloud Computing organized by Computer Engineering Department

The mobile internet usage is fast out-stripping that of the desktop computer. With this increase usage on the go, it is becoming clearer that adoption of Digital technology is an essential tool to improve efficiency. This has made cloud adoption a necessity. Cloud technology is also evolving, from a mere storage space on the go it is now seen as a multifaceted ecosystem, allowing for the practical scaling of data, the efficient management and use of resources and the effective outsourcing of access across a range of mobile devices. So, this course aims at providing the understanding of the basics of cloud computing and also working with it.

### Short Term Training Program on CLOUD COMPUTING

The objective of the ISTE Approved STTP was

- To familiarize with the basic concepts of Cloud Computing
- To help the participants build their own private cloud
- To help in handling of Open Source Cloud implementation and administration
- To help the participants in effectively solve questions that might arise with regards to working with, implementation and administration of cloud
- For further research in Cloud Computing

The new University of Mumbai curriculum includes a Cloud Computing for the final year students because the Cloud computing is a new and evolving technology of high importance. So, it was felt necessary that the teaching faculty also become competent in the said technology. With keeping this as an intension the ISTE approved STTP was conducted from 16th Nov, to 20th Nov, 2015 in VIVA Institute of Technology, Computer Engineering Department.

This was the first ISTE approved program specific Short Term Training Program conducted in the college.

The inauguration was attended by Principal Dr. Arun Kumar sir, Trustees, Mr. Sanjiv Patil sir, Mr. Shashank Patil sir, Trust coordinator Mr. K. P. N. Kutty sir and Dr. Seema Shah ex-principal, Vidyalankar Institute of Technology; along with the faculties of the college and participants.

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Details of the speakers is as under

| Sr. No. | Name of the Guest Speaker | Details of the Speaker | Topics covered | Date |
|---|---|---|---|---|
| 1. | Dr. Seema Shah | Principal Institute of Gems and Jewellery, Ex-Principal Vidyalankar Institute of Technology | Introduction to Cloud computing and current trends in research in Cloud computing. | 16<sup>th</sup> November, 2015 (half day) |
| 2. | Prof. Yati Gharat | Principal Architect Snpower, Norway | Introduction, installation, configuration and working with: Virtualization, Single Sign On, Own Cloud, OpenStack and Security | 16<sup>th</sup> November, 2015 (half day) 17<sup>th</sup> November, 2015 18<sup>th</sup> November, 2015 |
| 3. | Mr. Gaurav Purandhare | Senior DevOps. Engineer, Raw Engineering | Introduction, installation, configuration and working with: Amazon Web Services | 19<sup>th</sup> November, 2015 |
| 4. | Mr. Chirag Panchal | Microsoft Certified Trainer | Introduction, installation, configuration and working with: Microsoft Azure. | 20<sup>th</sup> November, 2015 |
| 5. | Valedictory Function | | | 20<sup>th</sup> November, 2015 |

A total of 27 faculty members participated in the One week Short Term Training Program conducted. The overall feedback of the Training Program was encouraging and was highly rated by the participants.