

CONVENOR

Prof. Uday Bhave
I/c HOD,
Computer Engineering Department

CO-ORDINATORS

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REGISTRATION

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HOW TO REACH

Nearest Railway Station: Govandi (1km)

Nearest Bus Stop: Deonar Depot,
R.K. Studio

Bus Routes:

From Navi Mumbai: 501,502,504,506,520,
521,526

From Dadar : 521, 92, 93

From Bandra : 505,105,355

PATRONS

Shree Keshavjibhai Chhadva,
Chairman, Mahavir Education Trust

Shree Navinbhai Shah,
Managing Trustee

Shree Mansukhbhai Shah,
Trustee & Hon. Joint Secretary

Shree Premjibhai Rambhiya,
Hon. Joint Secretary

Dr. Bhavesh Patel,
Director, SAKEC

Dr. V.C. Kotak,
I/c Principal, SAKEC

PROGRAM SCHEDULE

Duration : 1st to 11th December 2015

Time : 10.00 a.m. to 5:00 p.m.

Inauguration: 1st December 2015 at 09:30 a.m.

ADVISORY COMMITTEE

Dr. M. Vijayalakshmi,
Vice Principal, VESIT

Dr. Amiya Kumar Tripathy,
Dean (R&D), DBIT

Dr. Subhash Shinde
Chairman , Board of Studies in Computer
Engineering, University of Mumbai



ISTE Approved
Two Week STTP
On

Cloud Computing Technologies & Big Data Analytics

1st to 11th December 2015



Organized By
Department Of Computer Engineering
Shah and Anchor Kutchhi
Engineering College

W.T. Patil Marg, Near Dukes Pepsico Co.,
Chembur, Mumbai – 400 088

Website: www.shahandanchor.com

ABOUT SAKEC

Shah and Anchor Kutchhi Engineering College was established in 1985 for the purpose of imparting quality technical education. The college is managed by Mahavir Education Trust. The college is approved by AICTE, New Delhi and Government of Maharashtra, and is affiliated to University of Mumbai. It also has an ISO-9001:2000 Certification. It offers under graduate courses in Computer Engineering, Information Technology, Electronics Engineering and Electronics & Telecommunication Engineering. It has started an extra division in Computer Engineering for Diploma Students. It also offers Post Graduate courses in Computer Engineering, Information Technology, Electronics Engineering and Master of Management Studies. Computer Engineering Program and Electronics Engineering Program of the college have been awarded provisional accreditation by National Board of Accreditation (NBA) from August-2014 for 2 Years.

OUR MISSION

To impart high quality Technical Education to students by providing excellent academic environment, well equipped laboratories and training through motivated teachers.

OUR VISION

To become autonomous and achieve the objective of becoming a world class institution by utilizing academic freedom to improve educational quality and professional standards.

COURSE OBJECTIVES

The main objective of this STTP is to provide fundamental and practical knowledge on growing fields of Cloud Computing and Big data. This program covers installation and configuration of various cloud services using Openstack and various big data technologies like Hadoop, NoSQL, Map-Reduce. It will be helpful to participants to solve real world problems.

COURSE OUTCOME

- Create and run virtual machines on open source operating system.
- Implement Infrastructure as a service, Storage as a Service and security features for cloud.
- Understand fundamental techniques and algorithms like Hadoop, Map Reduce and NO SQL in big data analytics.
- Configure and use software tools for big data analytics.

COURSE CONTENTS

The course covers the following topics:

- Virtualization
- IaaS and SaaS implementation using OpenStack
- Cloud Application Architectures
- Map-Reduce programming and Hadoop
- NoSQL
- Mining using Big Data

RESOURCE PERSONS

Experts from IIT, Industry and various engineering disciplines.

REGISTRATION FORM

Name : _____

Designation: _____

Institution : _____

Address : _____

Mobile : _____

Email : _____

Details of payments: Cash/DD/ Cheque

DD/Cheque should be drawn in favour of "Shah and Anchor Kutchhi Engineering College, Chembur", Payable at Mumbai.

DD /CHQ No.: _____

Bank: _____

Date: _____

Signature of participant:

Signature with seal of the sponsoring authority.

COURSE FEES

Faculty/ Industry Candidates: Rs.4500/ (Inclusive of course material, Refreshment & Lunch)

Shah & Anchor Kutchhi Engineering College, Chembur
Computer Engineering Department
ISTE approved Short Term Training Program on
“Cloud Computing Technologies & Big Data Analytics”
December 1-11, 2015.

Schedule

Date	Time	Speaker Name	Topic
01/12/2015	08:30 AM Onwards	---	Registration
	10:00 AM to 10:30 AM	---	Inaugration
	10:30 AM to 12:30 PM	Dr. Surya Durbha, CSRE, IIT Bombay	Keynote Address
	01:00 PM to 05:00 PM	Mr. Jayanthi Gokhale	Cloud basics & Virtualization
02/12/2015	10:00 AM to 05:00 PM	Mr. Yati Gharat, Corporate Trainer	IaaS and SaaS implementation using Openstack
03/12/2015	10:00 AM to 05:00 PM	Mr. Yati Gharat, Corporate Trainer	Identity & user management in cloud
04/12/2015	10:00 AM to 12:00 PM	Dr. Deven Shah	Cloud Security
	01:00 PM to 05:00 PM	Ms. Vaishali Tupe, SAKEC	Hands-on configuring and deploying private cloud
05/12/2015	10:00 AM to 05:00 PM	Ms. Amita Dhainje, Capgemini, Pune	Big Data Basics, Hadoop Ecosystem, Map-Reduce
07/12/2015	10:00 AM to 05:00 PM	Mr. Jayanthi Gokhale	Map-Reduce Programming and Hadoop
08/12/2015	10:00 AM to 12:00 PM	Dr. M. Vijayalakshmi, VESIT	Frequent Itemset
	01:00 PM to 03:00 PM	Dr. Amiya Kumar Tripathy	Big data Case studies, Research trends in big data
	03:15 PM to 05:00 PM	Mr. Parth Vashi	Hands-on Mining using big data
09/12/2015	10:00 AM to 12:00 PM	Dr. M. Vijayalakshmi, VESIT	Clustering and link analysis
	01:00 PM to 05:00 PM	Mr. Parth Vashi	Hands-on Mining using big data
10/12/2015	10:00 AM to 05:00 PM	Mr. Bhushan Jadhav, TSEC	NoSQL basics & Hands-on Mongo DB
11/12/2015	10:00 AM to 12:00 PM	Dr. S. K. Shinde, LTCE	Mining Data Streams
	01:00 PM to 03:00 PM	Practice Session	
	03:15 PM to 05:00 PM	Valedictory Session	

Time	Description
09:30 AM to 10:00 AM	Breakfast
12:00 AM to 01:00 PM	Lunch*
03:00 PM to 03:15 PM	Tea Break

* On 01/11/2015 Lunch Timing will be 12:30 PM to 01:00 PM.