

Amazon AWS Cloud Computing Training Program

6-7 February, 2016

Objectives:

As Gujarat Technological University has changed the syllabus of Cloud Computing, SUBJECT CODE: 2640013, M.C.A 4th SEMESTER, GTU initiate the series of training program on **Amazon AWS cloud computing** for student of MCA and also for B.E ,M.E(Computer,IT) student in GTU affiliated colleges.

GTU has established 60 computer lab dedicated for bringing awareness on next generation technology with required software. There is plan to have cloud computing program at least once in a week.

GTU initiative will provide students with resources needed to greatly accelerate cloud related learning and help to empower entrepreneurs, technologist and researchers of tomorrow.

The ultimate objective of this program is to train every computer/IT student who interested in this subject and get the complete training of Amazon AWS cloud.

GUJARAT TECHNOLOGICAL UNIVERSITY

Community Innovation



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Mr. Kalpesh Parikh
IT Advisor, GTU

Coordinators

Mr. Hemal Nayak
(Assistant Professor,CiC3, GTU)

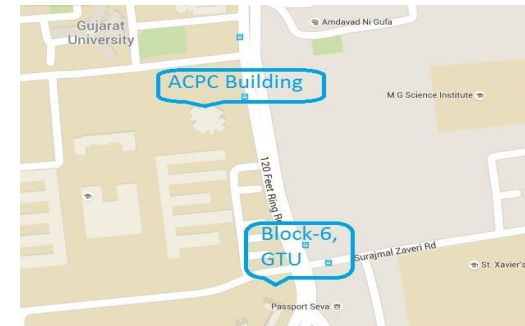


CiC3

Amazon AWS cloud Computing Training Program

Address:

**Gujarat Technological University,
Block No.6, L.D.C.E Hostel Campus,
Nr.Passport Office, Navrangpura,
Ahmedabad**



**For registration
Please contact:
Prof. Hemal Nayak
Email: ap_hemal@gtu.edu.in**

About Gujarat Technological University

Gujarat Technological University (International Innovative University), commonly referred as *GTU*, is a statewide institution affiliating many engineering, pharmacy, and management colleges and varsities across the western Indian Districts of Gujarat. GTU has been working jointly with industries through GTU Innovation Sankuls (Every College is a Member of the Sankul in its area.). It has been working with the students through the GTU Innovation Clubs, Open Source Technology Clubs, Mobile & Wireless Technology Clubs, S4 Extension Centers etc. (Students at every College are required to have these active forums.)

About CiC3

Born in the heart of Gujarat, Maker Labs aims to foster innovation, research and entrepreneurship among students. This is the perfect platform for all you hackers/makers/developers/students to showcase your skills, ideas, passion and connect with the visionaries, industry experts who can mentor you and help transform your ideas/projects into realities.

Learning Objective:

Cloud Computing is a large-scale distributed computing paradigm which has become a driving force for information technology over the past several years. The exponential growth data size in scientific instrumentation/simulation and social media has triggered the wider use of

cloud computing services. Electronics industry with complete system solutions focused on industrial, consumer, security, communications, computing and automotive markets.

The program will focus on below mention points.

- Introduction to Cloud Computing
- Features of Amazon EC2
- Setting Up AWS
- Getting Started with AWS
- Tutorial Practices
- Amazon Machine Images
- Instances
- Instance Lifecycle
- Configure Instances
- Monitoring & Network Security
- Storage
- Resources & Tags
- Troubleshooting Amazon S3

MCA Sem-4: Cloud Computing (Course)

1. The vision of cloud computing
2. Introduction to virtualization
3. AWS framework overview
4. AWS flow framework for JAVA
5. Amazon web services

Link of detail Syllabus:

<http://www.gtu.ac.in/syllabus/MCA/Effective%20from%202011-12/MCA4.zip>

Link of FDP on amazon aws cloud computing:

<http://files.gtu.ac.in/circulars/16JAN/12012016.pdf>

Who should attend?

Students of MCA,BCA, B.E(Computer/IT),M.E(computer/IT), Diploma(Computer/IT) under **GTU affiliated Institutes** can attend this workshop.

Registration details:

Date: 6-7 February, 2016

Time: 10:00 am to 5:00 pm

Please note we have very limited seats for the session, so kindly register by 12:00 PM on 05/02/2016. Selected students will be invited via email by 5:00 PM on same date.

Registration link:

<http://goo.gl/forms/lec9MmPlIz>