

About TSEC

Thadomal Shahani Engineering College (TSEC) is established in 1983, founded by Hyderabad (Sind) National Collegiate Board, is recognized by Government of Maharashtra, approved by All India Council for Technical Education (AICTE) and Affiliated to University of Mumbai. It offers a 4-year Bachelor of Engineering (B.E.) Degree program in Artificial Intelligence and data Science, Information Technology, Computer Engineering, Electronics & Telecommunication and Chemical Engineering. The College offers Ph.D. program in the subject of Information Technology, Computer Engineering, and Electronics & Telecommunication. At present we are enrolled with 40 research Scholars.

About Department

The Computer Engineering department of TSEC was established in the year 1984 and has grown over the years into a competent department with state of the art computing facilities and a dedicated faculty. The goal of the department is to establish state of the art computing environment to develop competent computer engineers imbued with the spirit of professionalism and responsible citizenship.

Convener

Dr. G. T. Thampi
Principal, TSEC

Co – Convener

Dr. Tanuja Sarode
Head, Department of Computer
Engineering, TSEC

Coordinators

1. Mr. Vaibhav Ambhire

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2. Mrs. Sonali Jadhav

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Resource Persons

1. Mr. Yati Gharat (Litmus Information Systems)
2. Dr. Bhushan Jadhav (TSEC)
3. Ms. Manisha Dumbre (TSEC)
4. Ms. Shilpa Ingoley (TSEC)



Thadomal Shahani Engineering College
organizes

**ISTE approved – ONE Week
ONLINE STTP**

on

ADVANCEMENT IN CLOUD COMPUTING



3rd January to 8th January 2022

Under the
Department of Computer Engineering



Thadomal Shahani Engineering College
Adv. Nari Gursahani Marg, TPS III,
Bandra (West)
Mumbai – 400 050



www.tsec.edu

Course Contents

- Introduction to Cloud Computing Architecture, Service models and deployment models.
- Implementation of Virtualization in Cloud using KVM and Xen Hypervisor
- Introduction to Virtualization
- Study and implementation of Cloud Services (IaaS, PaaS and SaaS)
- Implementation of Database as a Service.
- Implementation of Security as a Service.
- Implementation of Identity and Access Management
- Study and implementation of Docker.
- Study and implementation of Container Orchestration using Kubernetes.

Course Objectives

- To understand security and privacy issues in cloud computing
- To use and implement deployment models and service models.
- To understand concepts of container orchestration
- To study and implement Identity and Access management practices

Important Dates

Course Dates

3rd January 2022 to 8th January 2022

Last Date to apply

30th December 2021

Subject Orientation

Subject orientation program will be conducted during the STTP

Registration Link

<https://forms.gle/RawAjiibUH99DFR76>

Registration Fees

Rs. 800/-

- **Inclusive of course material and E-certificate**
- **Limited seats are available**



Certificate

- Participation **E-certificate** will be issued by TSEC after completion of the required criteria.
- Participant with valid ISTE membership will get an **E-certificate** from ISTE.