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**Dr. Vivek S. Deshpande**  
Director, VIIT, Pune

## Convenor

**Dr. S.R. Sakhare**  
Head, Computer Engineering Department

## Co-convenor

### Name

### Contact Details

Thread I	<b>Mrs. Manisha Mali</b>	(M) 95525 25896 manisha.mali@viit.ac.in
Thread II	<b>Dr. Laxmi Bewoor</b>	(M) 97665 31977 laxmi.bewoor@viit.ac.in
Thread III	<b>Mrs. Kirti Wanjale</b>	(M) 77678 85007 kirti.wanjale@viit.ac.in

## Schedule

### Thread I

Date	Topics to be Covered
30/11/2020	Introduction to Blockchain
01/12/2020	Cryptography basics
02/12/2020	Public and Private Blockchain platforms
03/12/2020	Blockchain use cases
04/12/2020	Blockchain use cases
05/12/2020	Blockchain with other technologies

### Thread II

Date	Topics to be Covered
14/12/2020	Blockchain Introduction
15/12/2020	Evolution of Ethereum
16/12/2020	Components Of Ethereum
17/12/2020	Ethereum Network Setup
18/12/2020	Solidity & Smart Contract
19/12/2020	Practice and Q&A

### Thread III

28/12/2020	Hyperledger and its components
29/12/2020	Installation of Hyperledger Fabric
30/12/2020	Building end-to-end application
31/12/2020	Hyperledger Sawtooth
01/01/2021	Hyperledger Indy and Grid
02/01/2021	Hyperledger IROHA and Burrow, Tools



Online  
**Short Term Training Programme (STTP)**  
On  
**BLOCKCHAIN TECHNOLOGIES**  
**AND**  
**USE CASES**

Thread I: 30/11/2020 to 5/12/2020  
Thread II: 14/12/2020 to 19/12/2020  
Thread III: 28/12/2020 to 02/01/2021

**Sponsored by**  
**AICTE, New Delhi**

Organized by:  
**Department of Computer**  
**Engineering**

**VISHWAKARMA INSTITUTE**  
**OF INFORMATION**  
**TECHNOLOGY**

An Autonomous Institute Affiliated to SPPU, Pune  
NBA and NAAC Accredited with 'A' grade  
ISO 9001-2015 Certified Institute  
Sr. No. 3/4,3/5 Kondhawa (BK), Pune-48

## About the Institute

Vishwakarma Institute of Information Technology (VIIT) was established in 2002 by Bansilal Ramnath Agarwal Charitable Trust and is approved by AICTE and is affiliated to Savitribai Phule Pune University. VIIT was started with the mission of imparting quality technical education to develop employable engineers for industry. The institute offers degree courses in Electronics and Telecommunication Engineering (E &TC), Computer Engineering, Information Technology (IT), Civil Engineering and Mechanical Engineering and Post Graduate courses in E&TC (Signal processing), Computer Engineering, Civil (Structures, Water resources and Environmental engineering) and Mechanical Engineering (Design). It also offers research programs (PhD) in E&TC and Civil Engineering. Vishwakarma Institute of Information Technology (VIIT) recently received autonomy status from University Grants Commission (UGC), New Delhi. Department of Computer and IT are already accredited by National Board of Accreditation (NBA) for 3 years. VIIT also received 'A' grade from NAAC.

## About Department

Since 2002, the Department of Computer Engineering, VIIT is dedicated to imparting quality education in the field of Computer Engineering. We now offer a four-year full-time Undergraduate (B.Tech.) degree program with an intake of 240. We offer a Postgraduate program as well, and this year we start with our Ph.D. program too.. The Computer Engineering program has been accredited three times by the National Board of Accreditation (NBA) up to the year 2021. The department has state-of-art well-equipped laboratories and well qualified, experienced faculty who follow the NBA prescribed philosophy of outcome-based education (OBE). Our teaching is learner-centric, with importance given to achieving the objectives of the learning process. Our syllabus is in line with industry needs and includes contributions from industry experts.

## Resource Person

Resource persons are eminent speakers from reputed Industries, Academic Institutions and across India and Abroad.

### Coordinator

Thread I	<b>Mrs. L.A. Deshpande</b>	(M) 98904 52952
	<b>Mrs. S.A. Tiwaskar</b>	(M) 86688 24244
Thread II	<b>Mrs. P.D. More</b>	(M) 93734 28171
	<b>Mr. S.B. Tatale</b>	(M) 96739 90142
Thread III	<b>Ms. P.R. Rege</b>	(M) 98907 70681
	<b>Mr. Y.K. Sharma</b>	(M) 87889 53386

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## Registration Link

<https://forms.gle/kecv6onbTbz15hQz7>

### Eligibility for Registration:

Faculties, students, industry persons, and anyone interested can attend the STTP.

### Certification:

- Attendance will be taken in every session.
- Should attend the online test on the last day of STTP E-Certificate will be provided to all the participants with 80% attendance and having a score greater than or equal to 60% in online test.

### Note:

### **NO REGISTRATION FEE.**

Limited Seats are Available. Registration is on First Come First Serve basis.

## Significance of STTP

Blockchain is an emerging platform for developing decentralized applications and data storage, over and beyond its role as a platform for cryptocurrencies. Even though blockchain technology has become popularly known because of its use in implementation of cryptocurrencies such as Bitcoin, Ethereum etc. the blockchain platform hold much more promise in various areas such as logging of important events in a system, recording transaction, e-governance etc. hence, it is important bring awareness among researches & academicians and train man-power on blockchain to do innovative research work, projects, and create knowledge base.