



## UKA TARSADIA UNIVERSITY

Uka Tarsadia University (UTU) was established with a vision to become a preeminent education hub that is responsive to the changing needs of a knowledge-based global society. Academic programs across the disciplines of Management, Computer Science, Engineering and Technology, Biotechnology, Microbiology, Pharmacy, Commerce, Nursing, Physiotherapy, Architecture, Institute of Sports, Fashion Design, Interior Design and Centre of Humanities were established in the campus.

### ➔ UTU Location ➔

Gopal Vidhyanagar, Bardoli-Mahuva Road,  
Tarsadia, Surat, Gujarat, 394350

## ABOUT THE CGPIT INSTITUTE

UTU started a self-financed engineering college "Chhotubhai Gopalbhai Patel Institute of Technology" (CGPIT) in the year 2009 with the view of educating and training future professionals to lead in today's competitive environment and to meet the needs of globalization and industrialism. CGPIT offers Diploma, B. Tech., M. Tech. and Ph.D. programs in various disciplines. CGPIT has well equipped research laboratories, library and published a Journal of Engineering and Technology.

## ABOUT THE DEPARTMENT

Department of Information Technology Engineering was established in the year 2009, with the objective of imparting quality education in the field of Information Technology Engineering. The department started with a four year graduate program in IT Engineering with the aim to develop core competence in the field and to prepare the students to carry out development work, as well as take up challenges in industries and research areas. The curriculum was designed keeping industrial and research needs in view, as well as the rapid development in the IT industry.

## ABOUT ONLINE STTP

The Five-day Short Term Training Program (STTP) in Online mode on "Blockchain Technology and Its Applications" is dedicatedly going to focus on delivering the hands on sessions of Blockchain technology and its applications with modern tools. The last couple of years have witnessed the rise of Distributed Ledger Technology, particularly in the Blockchain technology. It is envisioned to unlock the doors to the decentralized future by overcoming the well-known impediments of centralized systems. Powered by the underlying cryptographic techniques and technologies like P2P networking, it offers numerous outstanding features like disintermediation, immutability, non-repudiation, and proof of provenance, integrity, and pseudonymity. Smart contract is considered as vital technological concept that enhances the capability of blockchain-enabled system and provides automation and trust. In simple words, smart contract is a piece of software program that aims to codify the terms and agreement of a contract between multiple parties.



UKA TARSADIA  
university  
Inspiring Knowledge. Advancing Wisdom. Transforming Lives.



छोटुभाई गोपालभाई पटेल प्रौद्योगिकी संस्थान, बारडोली  
Chhotubhai Gopalbhai Patel Institute of Technology, Bardoli

## Chhotubhai Gopalbhai Patel Institute of Technology

Affiliated to Uka Tarsadia University

Organizes

Five-Day Short Term Training Program (STTP)

in Online Mode

On

**"Blockchain Technology and  
Its Applications"**

Sponsored by **GUJCOST**



Organized by

Department of Information  
Technology and Cyber Security

C. G. Patel Institute of Technology  
(CGPIT)

Uka Tarsadia University (UTU)

Bardoli, Dist. Surat, Gujarat, India

## STTP Objectives

At the end of program, the participants will be able to

- Understand what is DLT and Its Types
- Mining and Consensus Mechanisms
- Smart Contracts and Salient Features
- Design and deploy smart contracts
- Ethereum and Hyperledger Platforms
- Develop Apps using Web3.0, React, Remix, and IPFS
- Visualize the role of Blockchain in Robotics
- Formal methods and its use in Blockchain
- India's Initiatives on Leveraging Blockchain Technology

## Blockchain Overview

The last couple of years have witnessed the rise of Distributed Ledger Technology, in particular the Blockchain technology. It is envisioned to unlock the doors to the decentralized future by overcoming the well-known impediments of centralized systems. Powered by the underlying cryptographic techniques and technologies like P2P networking, it offers numerous outstanding features like disintermediation, immutability, non-repudiation, and proof of provenance, integrity and pseudonymity. Although cryptocurrency has been popular use case of blockchain technology, however, it has found to be of immense potential for other domains and sectors like healthcare, robotics, public governance, and supply chain management.

## Resource Persons

STTP will be conducted by industry experts and experienced faculty members from reputed institutes

## Eligibility for STTP

The program is open for students, research scholars (PG/PhD) faculty members from engineering and science institutes. Industry professionals working in the same domain can also attend this STTP.

## How to Apply

Registration link: <https://tinyurl.com/2l5mau9d>

QR-Code to Register:



## STTP Fee and Registration:

Students (UG/ PG/ Research Scholars)	100 Rs
Faculty Members	100 Rs
Participants from Industries	500 Rs

Last Date for Registration: 15<sup>th</sup> Oct -22

For further details, please contact:

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Technology Dept., CGPIT, UTU  
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## Chief Patron

Prof. (Dr.) D. R. Shah, Provost, UTU

## Patrons

Prof. (Dr.) C. K. Desai, Registrar, UTU  
Prof. (Dr.) Manoj Gundalia, Director, CGPIT, UTU

## Convener

Prof. (Dr.) Anshuman Kalla  
Computer Engineering Dept.,  
CGPIT, UTU

## Co-convener

Ms. Purvi Tandel  
Head, Information Technology Dept.,  
CGPIT, UTU

## Coordinator

Ms. Monali Gandhi  
Assistant Professor, Information  
Technology Dept., CGPIT, UTU

## Technical Committee

Mr. Axay Patel  
Assistant Professor, Cyber Security Dept.,  
CGPIT, UTU

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Ms. Divya Patel  
Assistant Professor, Information Technolo-  
gy Dept., CGPIT, UTU

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Ms. Bhavini Tandel  
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Computer Engineering Dept., CGPIT, UTU

## Certificate Designing

Ms. Mithila Sompura  
Assistant Professor,  
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