

## PROGRAMME CONTENTS

- Blockchain introduction
- Overview of Blockchain implementation
- Architecture and types of Block chain
- Block chain platforms
- Digital & crypto currency
- Creation of the smart contract
- Security & privacy concern in Blockchain
- Consensus model & protocol in Blockchain
- Hyperledger fabric & ethereum network
- Current research in Blockchain
- Key challenges in Blockchain
- National education policy
- Stress management

## ABOUT THE PROGRAMME

Blockchain is a leading software platform for digital assets. It is a data structure used to create a decentralized ledger and is composed of blocks in a serialized manner.

The objective of this online faculty development program is to introduce fundamentals of blockchain technology and its realtime applications.

## WHO CAN ATTEND

The target participants for this faculty development program will be faculties from academic institutions and Industry Professionals.

**NOTE : ISTE membership mandatory for participation.**

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## **Pacific School of Engineering**

**Kadodara, Surat**

Department  
of  
Computer Engineering

**Organizes**

**Faculty Development Program**

**(Refresher Program)**

on

**Block-Chain Technologies**

and

**Applications**

**14 - 19 February, 2022**

**Approved and Sponsored By**



**Pacific School of Engineering**

**Kadodara-Palsana(N.H-48),**

**At. Sanki, Tal. Palsana, Dist. Surat**

 [www.pacific-soe.ac.in](http://www.pacific-soe.ac.in)



## ABOUT ISTE

The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System.

## ABOUT THE INSTITUTE

Surat is a major emerging educational hub besides traditional Textile and Diamond processing centres in south Gujarat. Pacific School of Engineering (PSE) is located at the center of Surat, Navsari and Bardoli towns and commenced education in Degree and Diploma Since 2012. The Institute is approved by AICTE and affiliated to GTU. The campus is well connected by a fleet of buses to all parts of the city. The classrooms are theatre style with audio-visual facility. The class room coaching is augmented with industrial tours, lectures by eminent industrials experts, tech-fests and cultural and sports activities. PSE thus provides for all round development of engineering students.

Institute has an eco-friendly campus and is equipped with state-of-art infrastructure. The Entire campus facilitated with Wi-Fi connectivity, It has equipped with laboratories as per curriculum (some of NABL accredited), workshops and library (2000+ titles, 15000 books and journals) with NPTEL open access lecture series to help students in attaining highest standards in academics, research and professional skills. The campus has adequate infrastructure to take care of sports and recreational activities. The Institute contributing for placements opportunity to final and pre-final year students by arranging various Training & Placements activities such as aptitude test, group discussion, mock interviews, GATE Preparation etc.

## Achievements of Institute

- Institute has secured SGCCI's Golden Jubilee Award for Outstanding Research & Development (Year 2021).
- Institute runs student and faculty chapter of ISTE, New Delhi and IICHe, Kolkata.
- Institute is recognized as Schedule-I environmental auditor by GPCB, Gandhinagar and GERI, R & B Dept approved civil testing laboratory (Year 2017).
- Dr. Yogesh Rotliwala(Principal, Pacific School of Engineering) has won National Award from GTU (Innovative technology); ISTE, New Delhi (Renewable energy) and Ministry of Chemicals, New Delhi (Waste plastics management).
- ISTE, Gujarat section has recognised Prof. Hiral Desai (Head, Dept.of Comp. Engg.) as the Best faculty of Computer Engineering from all over the Gujarat (Year 2019-20).
- GTU Gold Medalist : Our institute has secured 1st rank in Computer Engineering, 1st rank in Civil Engineering and 3rd rank in Chemical Engineering at GTU level.
- Students of computer Engineering has secured Late Shri Devang Mehta IT award of costing one lakh (Year 2019).
- Students of various Department has successfully completed nine SSIP grants offered by GTU.

## ABOUT THE DEPARTMENT

The Undergraduate program of Computer Engineering was introduced in Pacific School of Engineering (PSE) in 2012 with the intake of 60. The department has an energetic team of highly qualified, dedicated, and experienced faculty members It has well-equipped laboratories with more than 500 latest configured computers to cater students academic and industrial needs. Computer Engineering Department organizes AICTE-ISTE and GTU Sponsored Certified Courses, Workshops/STTPs, and Faculty Development Programs (FDPs) along with industry visits to enhance the knowledge and skills of students as well as the faculty members. Under the banner of Student Start-up & Innovation Policy (Govt. of Gujarat), students are receiving financial support for their Innovative project proposals. The department also organizing internship for final year students. The department has very good track record of students' placements at various esteemed organization such as Radisys, AMNS, The sunflower lab, etc.

## REGISTRATION DETAILS

There is **No registration fees** for participants. The event will be organized through **online mode**. **E-certificates** will be provided on successful completion of training.

### **REGISTER NOW**

<https://forms.gle/uFxbpjqRNiJLakV6>

[ SCAN ME ]



## IMPORTANT DATES

### **LAST DATE FOR REGISTRATION**

6<sup>th</sup> February, 2022

Confirmation will be given to all applicants on 7<sup>th</sup> February, 2022

### **COORDINATOR**

Prof. Hiral Desai

Convener, Department of Computer Engineering

### **CO-COORDINATOR**

Prof. Mehul Patel

I/C Head, Department of Computer Engineering

### **ORGANIZING COMMITTEE**

Prof. Taral Patel (M) +91 8320075464

Prof. Hardik Patel (M) +91 7990051586

Prof. Dhruvi Zala (M) +91 7405424448

Prof. Devkishan Patel (M) +91 9574938693

### **IMPORTANT NOTE**

Assessment test will be conducted based on the content covered in the session. Participants should score at least 40% in test. Participants will have to attend 80% session for E-certificate.