



# FDP on Blockchain

Cochin University of Science and Technology  
Kochi 22, Kerala, October 21 - 25, 2019

## REGISTRATION

Registration is open to faculties from AICTE approved institutions and industry persons from relevant discipline. Participants will be admitted on first-come-first-serve basis. Register on-  
<https://forms.gle/ArQG697tAacfdERb8>

or

To confirm participation please send the scanned copy of the Filled Registration form to [atalfdp@cusat.ac.in](mailto:atalfdp@cusat.ac.in) or submit in person to coordinators latest by 11th October 2019 positively.

## Offline Registration Form

### Five Days ATAL Sponsored FDP on Blockchain

Name.....

Designation.....

Institution.....

Academic Qualification.....

Specialization.....

E-mail.....

Mobile.....

Date .....

### Signature of Applicant

Signature of Sponsoring Authority with seal

## AICTE TRAINING AND LEARNING (ATAL) ACADEMY



AICTE is committed for development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development. Council understands that there is a need of the day to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. It was felt that Training with latest tools and technologies is vital to keeping an institute competitive and more productive. Training is required for increasing the knowledge and skills of students to make them more employable to acquire global competencies. It also transforms them to harmonize with society and most importantly to make them a good citizen of the country. Accordingly, it was decided to the opening of AICTE Training And Learning (ATAL) Academy.

As a part of its activities, AICTE Training And Learning (ATAL) Academy Kerala will conduct this programme from 21<sup>st</sup> to 25<sup>th</sup> October, 2019 at School of Engineering, Cochin University of Science and Technology, Cochin, Kerala- 682022.



## ABOUT CUSAT

Cochin University of Science and Technology(CUSAT) was established in 1971 with the specific purpose of development of higher education with particular emphasis on post graduate studies in applied sciences, technology, industry and commerce. It's vision is to strive for excellence, be competitive in technical education on a global basis and to focus on knowledge assimilation, generation and dissemination. In its pursuit of international excellence, CUSAT has established academic links with various Universities in India and abroad. The main campus is located nearly 1km off NH 544 (Old NH47), in South Kalamassery.

**School of Engineering** was established in 1978 for offering part-time M.Tech programmes in the major disciplines of Engineering viz. Civil, Mechanical, Electrical and Chemical Engineering. Research activities were introduced in 1981 with Ph.D programmes. The school introduced B.Tech programmes in Civil Engineering, Mechanical Engineering, Electronics and Communication Engineering, Computer Science and Engineering and Information Technology in 1995. B.Tech in Safety and Fire Engineering was added in 1996.



School of Engineering has been well accepted as research centre. A number of research projects have been sanctioned to the School by agencies like DSDT, Central Water Commission, ISRO, AICTE, Coir Board etc. These have helped to establish fully equipped laboratories and promote research activities.

### **ABOUT THE PROGRAMME**

Blockchain is an emerging platform for developing decentralized applications and data storage, over and beyond its role as a platform for cryptocurrencies. Blockchain is a growing list of records, called blocks, which are linked using cryptography to keep exchanges secure. Blockchain provides a decentralized database, or “digital ledger”, of transactions that everyone on the network can see. This network is essentially a chain of computers that must approve an exchange before it can be verified and recorded.

### **The major topics covered under the programme**

- Cryptography in Blockchain
- Introduction to Blockchain Technology
- Features of Blockchain and Bitcoin Basics
- Distributed Consensus – Consensus in Bitcoin
- Introduction to Ethereum
- Various Blockchain Networks
- Distributed Ledger Technology (DLT)
- Smart Contracts and Programming using Solidity
- Introduction to Hyperledger
- Building applications with Hyperledger
- Lab and Hands-on

### **WHO SHOULD ATTEND?**

Faculty member working in AICTE approved Institutions and industry persons from relevant discipline

### **REGISTRATION FEE**

No fees will be charged from faculties working in AICTE approved institutions.

For industry persons – Rs.4760 /- (Including 18% GST+ 1% CESS)

### **RESOURCE PERSONS**

The sessions will be handled by the experts on the subject from industry and other institutions of repute.

### **SELECTION PROCESS**

A limited number of seats (50) will be there on first-come- first-serve basis and selected candidates will be intimated through email only.

### **GENERAL INFORMATION**

Attendances for sessions are compulsory for awarding the participation certificate.

Accommodation and travelling expenses are to be borne by the participants.

The participant will not be paid any TA/DA. Lunch, tea and snacks will be provided for the participants during the days of the workshop.

### **PATRON**

Prof. Dr .K N Madhusoodanan  
Vice-Chancellor  
Cochin University of Science and Technology  
Kalamassery

### **ORGANIZING COMMITTEE**

Dr. Ramesh Unnikrishnan  
Director  
AICTE - SWRO Kerala

Dr. K Ajitha  
Registrar  
Cochin University of Science and Technology  
Kochi-22

### **COORDINATORS**

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### **ADDRESS FOR CORRESPONDENCE**

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