

## REGISTRATION FORM

Name: .....

Designation: .....

Department: .....

Educational Qualification: .....

Institution: .....

E-mail: .....

Contact No.: .....

Accommodation Required: Yes/No

**Signature of the Applicant**

### Certificate from the Head of the Institution

Certified that Mr. /Ms.....  
is an employee/student of our Institution and is hereby permitted to attend the “ STTP on Blockchain Technology” at Vimal Jyothi Engineering College, Kannur, Kerala from 13th - 15th July 2018.

Place:

Date:

**Signature of Head of the Institution**  
(with office seal)

## CHIEF PATRONS

**His Grace Mar George Njaralakatt**  
ArchBishop,  
Archdiocese of Thalassery

**His Excellency Mar Joseph Pamplany**  
Auxiliary Bishop,  
Archdiocese of Thalassery

## PATRONS

**Rev. Fr. Dr. Thomas Melvattath**  
Chairman,  
Vimal Jyothi Engineering College

**Rev. Fr. Jinu Vadakkemulanjanal**  
Administrator,  
Vimal Jyothi Engineering College

**Rev. Fr. George Asarikunnel**  
Bursar,  
Vimal Jyothi Engineering College

**Dr. Benny Joseph**  
Principal,  
Vimal Jyothi Engineering College

## CHIEF COORDINATOR

**Dr. Manoj V Thomas**  
Professor & HOD,  
Department of Computer Science & Engineering

## COORDINATORS

**Ms. Derroll David**  
Assistant Professor,  
Department of Computer Science & Engineering

**Ms. Anisha Joseph**  
Assistant Professor,  
Department of Computer Science & Engineering



**VIMAL JYOTHI**  
**ENGINEERING COLLEGE**

JYOTHI NAGAR, CHEMPERI – 670632, KANNUR D.T., KERALA

An ISO 9001 : 2015 Certified Institution

**Short Term Training Program**  
On  
**BLOCKCHAIN TECHNOLOGY**  
&  
**APPLICATIONS**

**13th July - 15th July 2018**



**Organised by**

**Department of Computer Science & Engineering**

**NBA Accredited UG Program**



**Approved by**

**ISTE (Indian Society for Technical Education)**



**In Association with**



## About the Institution

Vimal Jyothi Engineering College (VJEC) is an educational project of the Archdiocese of Thalassery established in the year 2002 and is managed by Meshar Diocesan Educational Trust. The college is approved by AICTE and affiliated to APJ Abdul Kalam Technological University (KTU). VJEC is a self-financing catholic minority institution aiming at generating a fervor for Engineering and Technology in students. Here we inspire, nurture and foster them to realize their career potential in the field of Engineering and Technology. Effective implementation of quality control processes ensure Engineering graduates with the expected level of knowledge, skill and attitude.

## About the Department

Department of Computer Science & Engineering was established in the year 2002. Department offers B.Tech & M.Tech degree in CSE. The department is accredited by NBA from 2017-20. CSE department is deeply committed to providing high quality education. The course has a comprehensive curriculum aimed to provide knowledge, in both theoretical and practical aspects of Computer Science, with an emphasis on practical learning. Core subjects include Programming Languages, Computer Architecture, Operating System, Computer Networking, Cryptography and Artificial Intelligence. Elective subjects are chosen to help the students to learn more about the various trends in computing. Professional bodies like ACM, CSI & IEEE are active in the department.

## Course Objective

This course aims to provide better understanding of the function of Blockchains as a method of securing distributed ledgers, how consensus on their contents is achieved, and the new applications that they enable. It covers the technological underpinnings of blockchain operations as distributed data structures and decision making systems, their functionality and different architecture types. It provides a critical evaluation of existing “smart contract” capabilities and platforms, and examines their future directions, opportunities, risks and challenges. Attain awareness of the new challenges that exist in monetising businesses around blockchains and smart contracts.

## Course Contents

- Introduction to Blockchain
- Basics theory behind Blockchain
- Familiarisation of Ethereum terminology
- Implementation of Single node Ethereum private network
- Implementation of Multi node private network
- Introduction to Smart Contracts
  - Basics of Solidity
  - Write simple smart contracts
- Deploying smart contract into Blockchain Network
  - Deployment
  - Truffle (invoking contract)

## Target Audience

Faculty Members, Post Graduate Students and Research Scholars

## Fee Details

PG Students: Rs 1000/-  
Faculty Members & Research Scholars: Rs 1300/-  
Refreshments will be provided.  
Accommodation on additional payment.

## How to Apply

Confirm your submission by sending a soft copy of registration form in the prescribed format & payment transfer receipt to the mail ID (derrollidavid@vjec.ac.in) on or before 11/07/2018. Hard copy of the registration form recommended by the Head of the Institution has to be submitted at the venue.

## Mode of Payment

Registration fee can be paid online. The details for the payment are as follows:

**Account Name:** Vimal Jyothi Engineering College

**IFSC code:** SYNB 0002427

**Account Number:** 24273050000016

**Name of the Bank:** Syndicate Bank

## Contacts

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**Ms. Anisha Joseph**

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STTP on Blockchain Technology & Applications  
Vimal Jyothi Engineering College,  
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**Website:** [www.vjec.ac.in](http://www.vjec.ac.in)