

Programme Objectives

- ⇒ Obtain a deep insight into various aspects of block chain techniques
- ⇒ Equip faculty to have a exposure to the Bitcoin networks
- ⇒ To have a hands on training on Ethereum - Lab

Expected Outcomes

- ⇒ Differentiate various block chain techniques protocols
- ⇒ Compare the complexities of various block chain versions & networks
- ⇒ Apply knowledge for developing a sample application using Ethereum - Lab

Who Can Apply

All the faculty members & Research Scholars from AICTE approved institutions are eligible for the online FDP

Participants are required to register at <https://www.aicte-india.org/atal>

Application number of our FDP is: 1583217553

Online session details will be communicated to selected participants through registered email.

The certificates shall be issued to those participants who have attended the programme with minimum 80% attendance and scored minimum 60% marks in the test.



AICTE TRAINING AND LEARNING (ATAL) ACADEMY

sponsored

ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME ON BLOCK CHAIN TECHNIQUES

19th-23rd October 2020

Organised by

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

In association with KBA



Venue:

On your

Desktop/Laptop/Tablet/Smart Phone
with internet connectivity anywhere



VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha
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About Viswajyothi College of Engineering & Technology

Viswajyothi College of Engineering and Technology (VJCET) is yet another hallmark of the commitment and experience of the Catholic Diocese of Kothamangalam in the field of Education. Established in the year 2001 as a self-financing Engineering College affiliated to APJ Abdul Kalam Technological University. Viswajyothi College of Engineering and Technology has grown manifolds and has earned the reputation as a trend setter in Engineering and Management Education. The college now offers seven B.Tech Degree Programmes in AI, CE, CSE, ECE, EEE, IT & ME and two M.Tech Programmes in highly specialised areas under the departments of ECE & CSE and an MBA programme under the Department of Management Studies. The Institute has been continuously striving for excellence in education and research with an introduction of Research and Development Centre in the campus. All B.Tech programmes are now NBA Accredited.

Vision

Moulding Professionals par excellence with integrity, fairness and human values

Mission

- We commit to develop the institution into a Centre of Excellence of International Standards.
- We guide and mould our students in the attainment of intellectual and professional competence for successfully coping with the rapid and challenging advancements in technologies and the ever changing world of business, industry and services.
- We help and support our students in their personal growth shaping them into mature and responsible individuals.
- We strive to cultivate a sense of social and civic responsibility in our students, empowering them to serve humanity.
- We promise to ensure a free environment where quest for the truth is encouraged.

About Department of Computer Science & Engineering

Started in the year 2001, the Department of Computer Science & Engineering offers undergraduate (B. Tech.) & post graduate (M.Tech) programs. The CSE department runs under the invaluable guidance of the HOD, Mr.Amel Austine. The annual intake of the B. Tech. program is 120 students and M.Tech program is 18 students. The department provides its students an environment that stimulates their intellectual growth and personality development. Infrastructure facilities are excellent with well-equipped computer labs, classrooms and libraries. We also have high speed leased line Internet connection and online access to all IEEE journals. A team of well qualified faculty

members that keeps their knowledge up to date by attending conferences and workshops on a regular basis is a major asset of the department. The Department of Computer Science is accredited by National Board of Accreditation.

ATAL Academy

AICTE Training and Learning (ATAL) Academy is established with the vision "To empower faculty to achieve goals of Higher Education such as access, equity and quality". AICTE is committed for development of quality technical education in the country by initiating various schemes launched by Govt. of India and Ministry of Human Resource Development. Training is required for increasing the knowledge and skills of faculty members and students to make them more employable to acquire global competencies.

Resource Persons:

- Mr. Adarsh S** (Research Scientist, KBA)
- Mr. Praveen S** (Research Scientist, KBA)
- Mr. Sethu** (Research Engineer, KBA)
- Mr. Franklin John** (Research Scientist, KBA)
- Mrs. Lekshmi M B** (Research Engineer, KBA)
- Mr. Ananthan** (Research Engineer, KBA)
- Mr. Sakeer M A** (Research Engineer, KBA)
- Mr. Nikhil** (Research Fellow, KBA)

For further details contact Course Co-ordinator

Course Coordinator

Mrs. Ritty Jacob, Assistant Professor (CSE)
Ph : 9605130051 E-mail: ritty@vjcet.org

Main Course Contents

- 1) Blockchain and Bitcoin Networks
- 2) Cryptographic Concepts & Features of Blockchain
- 3) Protocols in Blockchain
- 4) Blockchain Versions
- 5) Ethereum World Computer & smart contracts
- 6) Distributed Ledger Technology