

CHIEF PATRON

DR.R.VASANTHKUMAR

Chairman and Managing Trustee,
Karpagam Educational Institutions

PARTRON

SHRI. K. MURUGAIAH

Chief Executive Officer,
Karpagam Education Institutions

CHAIRMAN

DR.P.VIJAYAKUMAR

Principal-KCE

CO-ORDINATOR

DR.S.ANGEL LATHA MARY

Professor & Head/CSE

CO-COORDINATORS

DR.M.PRAKASH

Professor/CSE

DR.P.MURUGESWARI

Professor/CSE

GUIDELINES

- Eligible participants will be selected based on first come first serve basis and will be intimated by e- mail only.
- On the last day of the program an assessment test will be conducted for all participants.
- A Digital Certificate by the ATAL Academy will be issued to the participants, who have an attendance of minimum 80 % and score more than 60% in the test.

REGISTRATION DETAILS

- No Registration Fee
- All the participants are requested to register using the following link

<https://atalacademy.aicte-india.org/login>

FOR FURTHER DETAILS PLEASE CONTACT

Dr.S.Angel Latha Mary

Professor & Head,

Department of CSE,

Karpagam College of Engineering,

Coimbatore- 641032, Tamilnadu.

Contact no: 9842242882

Email Id: xavierangellatha@gmail.com



AICTE

Training and Learning (ATAL)

Academy Online Faculty Development

Program

on

BLOCK CHAIN TECHNOLOGIES

7 - 11,December, 2020

Organized by

**DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING**

ABOUT THE INSTITUTION

Karpagam College of Engineering was started in the year 2000, by Karpagam Charity Trust, Promoted by renowned Philanthropist and industrialist Dr.R.Vasanthakumar and has been conferred with autonomous status in the year 2007. The college offers nine Under Graduate Engineering programmes and five Post Graduates programmes and accredited by NAAC with 'A' Grade, TCS, Wipro and NBA accredited five departments Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Information Technology and Mechanical Engineering. The institution aims to provide excellent learning facilities by imparting practical training, knowledge and skills to the youth. The college has signed MoUs with research organizations and industries to promote closer interaction in the areas of technology development, student training, curriculum updation and establishment of state-of-art-centers of excellence.



ABOUT THE DEPARTMENT

The Department offers a full time B.E degree programme in Computer Science and Engineering. The department has well-qualified, experienced faculty members to keep the students fine-tuned and for the requirements of the ever-changing world of IT industry. The department is well equipped with necessary laboratories and the potential skills of the students are improved by encouraging them to participate in various technical contests. The department has signed MOU with IBM, Microsoft, Tech Mahindra, Red Hat Academy, Infosys and Oracle. The department is accredited by NBA.

ABOUT THE COURSE

Blockchain is the backbone Technology of Digital CryptoCurrency BitCoin. The blockchain is a distributed database of records of all transactions or digital event that have been executed and shared among participating parties. Each transaction verified by the majority of participants of the system. It contains every single record of each transaction. BitCoin is the most popular cryptocurrency an example of the blockchain. Blockchain Technology Records Transaction in Digital Ledger which is distributed over the Network thus making it incorruptible. Anything of value like Land Assets, Cars, etc. can be recorded on Blockchain as a Transaction. The objective of the FDP is to introduce fundamentals of blockchain technology and implementations of blockchain technology with their real time applications.

TOPICS TO BE COVERED

- ✓ Blockchain fundamental
- ✓ Applications of Blockchain Technology opportunity & challenge in Blockchain Technology
- ✓ Market Growth of Blockchain Technology
- ✓ Blockchain Business Case studies
- ✓ Case Study of Blockchain : Bitcoin
- ✓ Building and Releasing Bitcoin Enabled APIs
- ✓ Introduction to Crypto currency
- ✓ Use Ethereum Solidity & Smart Contracts to build blockchain apps
- ✓ Hyperledger develop Network Applications

RESOURCE PERSONS

The sessions will be handled by experts from academia, research organizations and industry in the subject area.

ELIGIBILITY

The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats / Technicians/Participants from Industry etc.) and staff of host institutions