

ATAL Academy

AICTE Training and Learning Academy is established with 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, Ministry of HR Development Council understand that there is a need of the day train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines.

Eligibility

Faculty, Research Scholars & PG Scholars from AICTE approved Technical Institutions and Industry Personnel can apply

Certification

- Has at least 80% attendance in FDP Securing a minimum of 60% in the online test conducted at the end of FDP
- Giving online feedback on the last of the FDP
- Participants satisfying the following criteria will be given a certificate endorsed by ATAL Academy.

Important Dates

Registration Deadline - 08th September 2020

Intimation of Selection - 14th September 2020

Acknowledgement - 16th September 2020

Instructions

- Number of participants is limited to 200 and there is no registration fee
- Participants will be selected on first-come, first-serve basis.
- Delivery Platform : Microsoft Teams
- Selected Candidates will be intimated by email.
- Certificates will be provided to candidates satisfying the criteria under Certification
- Participants interested in attending must necessarily register in the link below:

<https://atalacademy.aicte-india.org/login>
<https://bit.ly/KCG-ATAL-FDP-BLOCKCHAIN>

Contact Information

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KCG
COLLEGE OF TECHNOLOGY
(A Unit of Hindustan Group of Institutions)



*A Five-Day Faculty Development
Programme on*

BLOCKCHAIN

Sponsored by
AICTE Training and Learning (ATAL) Academy

21.09.2020 - 25.09.2020



Organised by
**Department of Computer
Science and Engineering**

About KCG College of Technology

KCG College of Technology (A Unit of Hindustan Group of Institutions) was established in the year 1998 to fulfill the vision of late Founder Chairman Dr. KCG Verghese, "To Make Every Man a Success and No Man a Failure". KCG College of Technology is affiliated to Anna University and approved by AICTE. KCG College of Technology has been accredited by NAAC with A+ Grade and is an ISO 9001:2015 certified institution. Four UG Programmes have been accredited by NBA for three years. The college is providing excellent infrastructure and progressive outlook in order to achieve high academic standards and performance. The college has established Centers of Excellence in Engineering to facilitate active involvements in Research and Development. The campus is beautifully landscaped in a lush green stretch of land spread over 50 acres at Karapakkam, about 10KM from Adyar on the Old Mahabalipuram Road, the IT corridor of Chennai.

About the Department

The Department of Computer Science and Engineering is ranked one among the top 21 institutes by AICTE - CII and is recognized under PLATINUM CATEGORY. It is accredited by NBA in the revised norms since June 2017. It has a permanent affiliation to Anna University and is recognized as a research center with funded projects from DST, TNSCST etc. Our students have participated in world's largest Hackathon organized by MHRD & AICTE and won the FIRST prize twice worth Rs. 1L in the year 2017 & 2019 and are also the winners of Smart City Challenge for three consecutive years 2017, 2018, 2019 conducted by IET-UK. It has the Centers of Excellence by Virtusa and DELL - EMC in Full Stack Java Development and Data Science - Big Data Analytics respectively. The department has established CISCO Local Academy offering courses in CCNA and Cyber Security. It also has partnerships with NOKIA, GAVS and Servion to offer courses respectively in IoT, AI & Data Science and RPA.

About the Workshop

Blockchain is an emerging platform for developing decentralized applications and data storage, over and beyond its role as a platform for cryptocurrencies. Even though, blockchain technology has become popularly known because of its use in Bitcoin, Ethereum, the blockchain platform holds more promise in various areas such as logging of important events in a system, recording transactions, e-governance etc. Hence, it is important to bring awareness among researchers & academicians and train manpower on Blockchain to do innovative research work, projects and create knowledge base. Blockchain also finds its useful applications across various domains in Globe and India. Blockchain have emerged in various fields and various government sector applications

Objective of the Program

- To discuss the current status of blockchain development and research work in India and across the world.
- To disseminate of the knowledge of blockchain technology among faculty and researchers
- To provide conceptual understanding of how blockchain technology can be used to innovate and improve business process.

Course Content

- Cryptographic Primitives and Distributed Databases
- Blockchain - Introduction and its components
Cryptocurrencies, Bitcoin and Bitcoin Platform
- Ethereum - Theory and Practice
- Hyperledger - Theory and Practice
- Smart Contracts
- IoTA & Corda
- PKI, IoT and eHealth
- Beyond cryptocurrencies
- Blockchain 4.0
- Challenges and Future Scope
- Building a small application
- Blockchain applications across - Defence / Finance / Government sectors

Organizing Committee

Chief Patron

Dr. (Mrs) Elizabeth Verghese
Chairperson, Hindustan Group of Institutions, Chennai

Patrons

Dr. Anand Jacob Verghese.
Director & CEO, Hindustan Group of Institutions, Chennai.
Dr. Annie Jacob
Director, KCG College of Technology, Chennai.

Co - Patrons

Dr. G Prabhakaran, Principal
Dr. M Krishnamurthy, Prof. & Head - CSE

Advisory Committee

Mr. Srinivasan Sundararajan
Technology Advisor, GAVS Technologies, Chennai.
Dr. Santosh Kumar
Head, Global Technology Team, ATKINS - Bangalore.
Dr. S Venkatesan, IIT Allahabad.
Dr. P Arun Raj Kumar, NIT Calicut.
Mr. Shubham Sharaff, Founder AI Startup, Mumbai

Coordinators

Dr. R Dhanalakshmi, Professor - CSE.
Dr. S Sankar, Professor - CSE.

Co-Coordiators

Dr. S Prabakeran, Asst. Professor - CSE.
Mr. V Vasanthakumar, Asst. Professor. - CSE.

Executive Committee

Dr. Anita Manuel, Dean Student Affairs
Dr. P Deivasundari
Associate Dean, Industry Partnership and Corporate Affairs
Dr. Deepa Jose, Head - Research.
Dr. Z Edward Kennedy, IQAC Coordinator.
Dr. I. R. Praveen Joe, Programme Coordinator - CSE
Dr. S Cloudin, Asso. Professor - CSE