CSIR SPONSORED

Two Days National Level Workshop

on

"Challenges and Opportunities in Integrating Blockchain Technology with IOT"

25th & 26th July,2019

Registration Form

Name:..

Degree: UG / PG / FACULTY

Designation:...

Department:..

Institution: ....

Mailing address:..

....

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Mobile:...

Email:...

Signature

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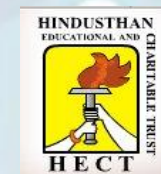
Two Days National Level Workshop

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"Challenges and Opportunities in Integrating Blockchain Technology with IOT"

25th & 26th July,2019

Organised by

**Department of
Computer Science and Engineering**

HINDUSTHAN INSTITUTE OF TECHNOLOGY
Othakkalmandapam, Coimbatore – 32
(Accredited by AICTE, New Delhi)
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ABOUT THE COLLEGE

Hindusthan Institute of Technology is one of the leading Engineering Colleges imparting quality Technical Education to the aspirants from Tamilnadu and other neighboring states. It is run by Hindusthan Educational and Charitable Trust under the leadership of Sri.T.S.R.Khannaiyann and Smt. T.R.K Sarasuwathy Khannaiyann.

The Institution was established in 2007 and is affiliated to Anna University Chennai. The Institution is well known for its high educational standards with excellent infrastructures, spread over 200 acres and is located on the Coimbatore - Pollachi National Highway. The Institution currently offers 6 UG and 4 PG programs.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering is established in the year 2007.The Department shares the mission and vision of the Institute in imparting high quality education to the students. The Department has highly qualified, committed and research oriented faculty members. The department is Accredited by NBA. The Department consists of well-equipped laboratories. It has organized many Faculty Development Programmes, National Conferences, Workshops and Symposiums.

THEME OF WORKSHOP

Blockchain is a leading software platform for digital assets. It is a data structure used to create a decentralized ledger and is composed of blocks in a serialized manner. A block contains a set of transactions, a hash of the previous block, timestamp, block reward, block number, and so on. Every block contains a hash of the previous block, thus creating a chain of blocks linked with each other. Every node in the network holds a copy of the blockchain. There are different consensus protocols based on Proof-of-work, proof-of-stake, etc. This technology is implemented in various real-time applications. Cryptocurrencies, in particular the First and well-known Bitcoin and others such as Ethereum, are canonical examples of the blockchain paradigm. Few other real-time applications include digital identity, smart contracts, digital voting, and IoT applications.

The implementation of a blockchain decentralized approach to an entire IoT network can help in many ways. It will ensure proper security by ensuring the privacy and protection of data at all levels. In addition, blockchain can help resolve scalability issues and provide an effective functioning of the system as well.

This workshop aims in introducing
- Blockchain technology
- Blockchain based IoT architecture
- Blockchain for IoT data privacy and security
- Blockchain schemes for decentralization in IoT
- Blockchain for IoT data management
- Blockchain for IoT system resilience
- IoT applications with blockchain technique

PARTICIPANTS

Faculty members, Research Scholars, UG and PG students from academic institutions with relevant background, person from industries and R & D organizations are eligible to attend the seminar.

REGISTRATION

Participants are requested to register their names through the online registration form.

https://forms.gle/XQGUQmgFTeb4dEGB7

Registration fee of participants are given below.

REGISTRATION FEE

UG/PG/FACULTY	INR 300

IMPORTANT DATES

Submission of Application	: 23-07-2019
Notification of Acceptance	: 24-07-2019
Registration	: 24-07-2019