

RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
RIT-IIC, RIT-IE (CSE Chapter), RIT Cyber Security Cell
&
GeeksLab Technologies

Two-day National Level Workshop on “BLOCKCHAIN TECHNOLOGY”
13.02.2020 & 14.02.2020

Facilitators:

Mr.Lakhan Darshan
Blockchain Architect
GeeksLab Technologies,
Noida.

Attended by:

1. Research Scholars from other Universities-4 members
2. External student Participants -11 members
3. External Faculty Participants - member
4. IV year students from CSE department – 2 members
5. III year students from CSE department – 14 members
6. II Year students from CSE department – 12 members
7. III year students from ECE department – 5 members
8. II Year students from ECE department – 2 members
9. III year students from EEE department – 1 members

The Inaugural Session was started with the prayer song, followed by Mr.C.A.Yogaraja, delivered the welcome address for the gathering and he introduced the resource person. Dr.K.Vijayalakshmi, Head of Computer Science and Engineering delivered the presidential address and she insists the importance about the emerging blockchain technology . The Resource Person Mr.Lakhan Darshan started the session with brief description of the two days agenda of the entire workshop.

On the first day, introduction and evolution of blockchain with bitcoin, Vitalik Buterin, Ethereum and hyperledger was explained. Then features of blockchain was elaborated with existing system comparison. Then few types of hyperledger were role played by students for the transactions. On the second session of first day Hash Functions and its techniques were discussed. Later the use of public and private keys and public keys with blockchain application were discussed.

On Second day, the session started with the recap of previous day then ethereum introduced with data mining capability of computing platform. Then compared it with bitcoins, which makes clear picture of ethereum and ethereum virtual machine.



Meanwhile photo session was arranged with the resource person and students with programme organizing committee

Chief Patron : Dr.L.Ganesan, Principal

Convener : Dr.K.Vijayalakshmi, Head, CSE

Coordinators: Mr.A.S.Prabaharan, AP(SG)/CSE

Mr.C.A.Yogaraja, AP/CSE

Mr. V. Pushpavanam Sabarish, III/CSE



The second session of day 2 started with explaining some real time applications like CryptoKitties, BankChain and Ethlance. Then the most awaiting session, the demos comes into place with metamask and Remix-IDE of ethereum. The participants were given exposure to hands on both the concepts. MetaMask is an extension for accessing Ethereum enabled distributed applications, or "Dapps" in browser. Solidity language was introduced for working with Remix-IDE.

The valedictory session started with getting feedback from the participants about the workshop by RIT and GeeksLab. Then Mr. A.S.Prabaharan delivered the vote of thanks for the participants and for the Resource person.

Prepared By

HoD/CSE