

# ADITYA COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to JNTUK, Kakinada)  
Aditya Nagar, ADB Road, Surampalem – 533437

## Department of Computer Science & Engineering

Title of the Workshop/Seminar : A TWO DAY WORKSHOP ON  
“BLOCK CHAIN TECHNOLOGY”

Resource Persons : 1) Sri Aman Sandu Jha,  
Founder and CEO of Blockchain Organization,  
(INASSOCIATION WITH APITA)

Date(s) of Workshop/Seminar : 20-09-2017 & 21-09-2017

Aim of Workshop :

A block chain is a distributed ledger for recording transactions, maintained by many nodes without central authority through a distributed cryptographic protocol. All nodes validate the information to be appended to the block chain, and a consensus protocol ensures that the nodes agree on a unique order in which entries are appended. Consensus protocols for tolerating Byzantine faults have received renewed attention because they also address blockchain systems. This workshop provides insight of Blockchain technology and its purpose and implementation.

### Program Schedule:

11-09-2017(Day-1):

#### Session 1:

- General Welcome
- Keynote speaker
- Securing Proof-of-Stake Block chain Protocols.
- Merged Mining: Curse or Cure?
- Atomically Trading with Roger: Gambling on the success of a hard fork.

#### Session 2:

- Smart contracts and block chain identity

- Measuring the Control Flow Immutability of All Smart Contracts Deployed on Ethereum.

Session 3:

- Secure Identity Registration on Distributed Ledgers.
- A User-centric System for Verified Identities on the Bit coin Block chain

12-09-2017(Day-2):

Session 1:

- Towards a Concurrent and Distributed Route Selection for Payment Channel Networks..

Session 2:

- A New Protocol for Block Propagation Using Set Reconciliation.

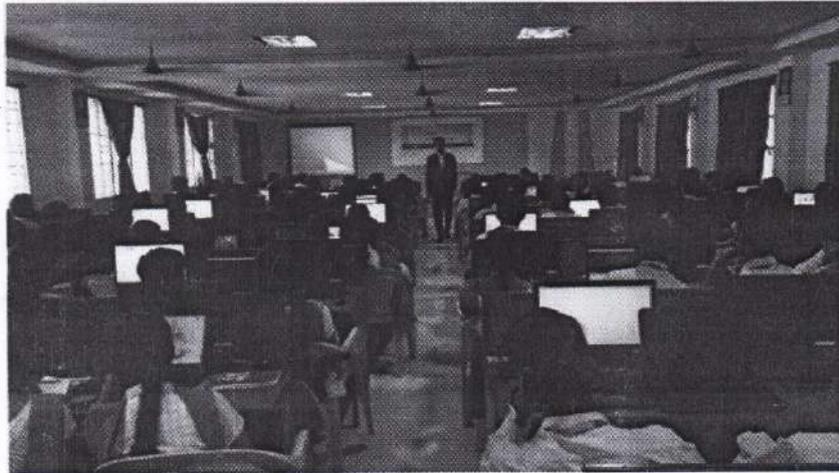
Session 3:

- Revisiting Difficulty Control for Blockchain Systems.
- Secure Event Tickets on a Blockchain
- Farewell

No. of Participants : 75

## PROGRAM PHOTOS





Overall Assessment : Good (Students appraised the workshop and requested for more sessions to get more exposure to this latest technology)

Event Coordinators : 1. Dr. Pullela S.V.V.S.R. Kumar, Dept. of CSE – Convener

2. Mrs M.V.Rajesh, Associate Professor, Dept. of CSE

3. Mr. G.S.N.Murthy, Associate Professor, Dept. of CSE

4. Mrs. P.N.S.Lakshmi, Asst. Professor, Dept. of CSE

5. Mr. T.Ramanjaneyulu, Asst. Professor, Dept. of CSE

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