



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (Under Tier - I), ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

<http://cse.lbrce.ac.in>, cselbreddy@gmail.com, Phone: 08659-222933, Fax: 08659-222931

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

REPORT

on

A ONE-DAY SEMINAR

on

“Blockchain Technologies”

Under the Association of Computer Geeks (ACG)

(28/Jan/2021)

Lakireddy Bali Reddy College of Engineering (A) has organized A One-Day Seminar on “Blockchain Technologies” on 28/Jan/2021. This seminar was organized by Department of CSE and have received an overwhelming response with more than 200 participants.

Target Audience: III Year & IV Year Students

Resource Person: Dr. E. Suresh Babu, Assistant Professor, NIT Warangal

Date: 28/01/2021

Inauguration:

Seminar was inaugurated on 28/01/2021 by **Dr. D. Veeraiah, Professor and HOD, Department of CSE and Convener** along with the coordinators **Dr. M. Srinivasa Rao, Professor** and **Mr. Shaik Johny Basha, Assistant Professor, Department of CSE.**

Mr. Shaik Johny Basha, Coordinator, has welcomed all the delegates and participants to the seminar. In his speech, Mr. Basha has highlighted the main objective and importance of this seminar on trending technology.

In his Inaugural Speech, **our HOD, Dr. D. Veeraiah,** gave his insights about the Blockchain Technology. And, he added that the technology has been evolved from centralization to decentralization, immutable ledger, sharedness, etc. He requested everyone should get knowledge on this to know how blocks are useful and how cryptographic hashing is useful in performing operations on a blockchain.



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

Department of CSE

Welcome to

Inauguration

of

A One-Day Seminar

on

Blockchain Technologies

(28th January 2021)

Under the

Association of Computer Geeks (ACG)

Date: 28/01/2021

Time: 02.30 PM

Resource Person:

Dr. E. Suresh Babu,
NIT, Warangal

Coordinators:

- 1) Dr. M. Srinivasa Rao
- 2) Mr. Sk. Johny Basha

HOD:

Dr. D. Veeraiah

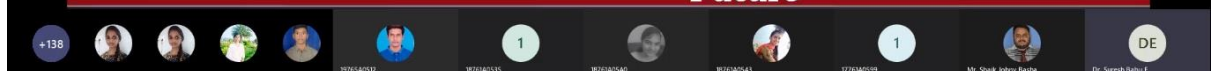
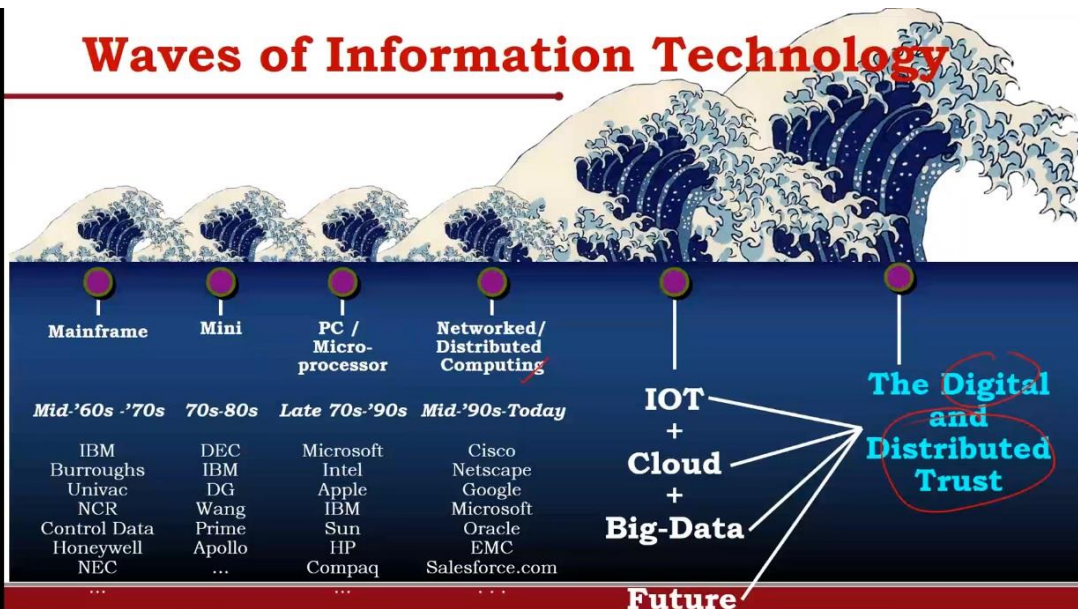
Principal:

Dr. K. Appa Rao



Our Resource Person, **Dr. E. Suresh Babu**, started his lecture by giving clear insights on how technology is evolving, what is going to be next decade technology, what is Blockchain, and decentralized systems. Along with that, he also discussed the waves of information technology and have given insights on Public and Private Keys along with signing with them.

Waves of Information Technology



Live Hand-on Session:

The screenshot shows a Microsoft Teams window with a browser displaying a blockchain demo. The browser address bar shows `andersbrowworth.com/blockchain/public-private-keys/blockchain`. The page title is "Blockchain Demo: Public / Private Keys & Signing".

The interface is divided into three main sections:

- Left Panel (Green background):** A form for creating a transaction. It includes a "Prev:" field with a long zero-filled hash, a "Hash:" field with a long alphanumeric hash, and a "Mine" button.
- Middle Panel (Green background):** A list of transactions. Each transaction shows a value (e.g., \$ 10.00), a "From:" address (e.g., 04fe1be031bc), and a "To:" address (e.g., 04cc17dc1293). Below this, a "Prev:" field contains a highlighted hash: `00006908f507a101e89544498978e9bd2e35462b91d86ef135106852279`. A "Hash:" field below it shows a long alphanumeric hash. A "Mine" button is at the bottom.
- Right Panel (Green background):** A form for creating a block. It includes a "Prev:" field with a long alphanumeric hash, a "Hash:" field with a long alphanumeric hash, and a "Mine" button.

At the bottom of the Teams window, a participant list is visible, showing several avatars and names, including "Mr. Shank Jitry Babu" and "Dr. Suresh Babu E".

The screenshot shows a Microsoft Teams window with a browser displaying the same blockchain demo. The browser address bar shows `andersbrowworth.com/blockchain/public-private-keys/blockchain`. The page title is "Blockchain Demo: Public / Private Keys & Signing".

The interface is divided into three main sections:

- Top Panel (Pink background):** A form for creating a block. It includes a "Hash:" field with a long alphanumeric hash and a "Mine" button.
- Bottom Left Panel (Pink background):** A form for creating a block. It includes a "Block:" field with "# 1", a "Nonce:" field with "16119", a "Coinbase:" field with "\$ 1000" and "04fe1be031bc7a54d900ff06", and a "Tx:" field with a "Prev:" hash and a "Hash:" field.
- Bottom Middle Panel (Pink background):** A form for creating a block. It includes a "Block:" field with "# 2", a "Nonce:" field with "25205", a "Coinbase:" field with "\$ 100.00" and "04fe1be031bc7a54d900ff06", and a "Tx:" field with a list of transactions:
 - \$ 10.00 From: 04fe1be031bc -> 04cc17dc1293
 - \$ 20.00 From: 04fe1be031bc -> 04997ac426a5
- Bottom Right Panel (Pink background):** A form for creating a block. It includes a "Block:" field with "# 3", a "Nonce:" field with "29164", a "Coinbase:" field with "\$ 100.00", and a "Tx:" field with a list of transactions:
 - \$ 10.00 From: 04cc17dc1293
 - \$ 5.00 From: 04997ac426a5

At the bottom of the Teams window, a participant list is visible, showing several avatars and names, including "Mr. Shank Jitry Babu" and "Dr. Suresh Babu E".

Valedictory Session:

On the Valedictory Session, our **HOD, Dr. D. Veeraiah**, joined the session as a Chief Guest along with the coordinators **Dr. M. Srinivasa Rao, Professor** and **Mr. Shaik Johny Basha, Assistant Professor, Department of CSE**.

Dr. D. Veeraiah, HOD in his valedictory addressing, thanked every student who participated in this seminar and our **Resource Person, Dr. E. Suresh Babu** for taking his time to our seminar and sharing his valuable knowledge with our students. Also, he congratulated the Coordinators **Dr. M. Srinivasa Rao** and **Mr. Shaik Johny Basha** for organizing the seminar in a successful manner. Further, he appreciated all the Teaching and Non-Teaching Staff Members of CSE Department for promoting such kind of development programme for the students. He also motivated the students about how to keep learning new technologies coming in future for their personal career growth as well as organizational growth.

At the end of the valedictory session, vote of thanks was given by **Mr. Shaik Johny Basha, Coordinator of the Seminar** in which he has been paid his gratitude towards all the participants who has spared their valuable time for attending this seminar. He also expressed the gratitude to our Resource Person, **Dr. E. Suresh Babu** for giving his valuable time for our participants and sharing his knowledge to them.

Nevertheless, he has given thanks to our Principal, **Dr. K. Appa Rao** and **Dr. D. Veeraiah, HOD, CSE Department**, “We are highly thankful to the Principal and Head of the Department for giving a chance to organize this seminar in our campus and hope we will find the support in future also for organizing such kind of activities.”

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)
Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada
L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

Department of CSE
Valedictory
of
A One-Day Seminar
on
Blockchain Technologies
(28th January 2021)
Under the
Association of Computer Geeks (ACG)

Date: 28/01/2021
Time: 04.00 PM

Thanks to our Speaker:
Dr. E. Suresh Babu,
NIT, Warangal

Coordinators:
1) Dr. M. Srinivasa Rao
2) Mr. Sk. Johny Basha

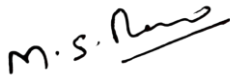
HOD:
Dr. D. Veeraiah

Principal:
Dr. K. Appa Rao

+132 1 17/140551 17/140551 17/140544 17/140544 DE

Feedback from the Participants:

The feedback of the participants was very positive and motivational for the organizers. The participants felt very happy for conducting the seminar on latest trends in Industry. They have learned a lot on Blockchain in both theoretical and practical manner. They said that this program was very useful and helpful for them in their projects and career also. All the participants appreciated the sessions by our Resource Person and the arrangements made by the organizers.



Coordinator
(Dr. M. Srinivasa Rao)
(Mr. Sk. Johny Basha)



Head of the Department
(Dr. D. Veeriah)



Principal
(Dr. K. Appa Rao)