



# Malla Reddy College of Engineering & Technology

(Autonomous Institution-UGC, Govt of India)

Department of Information Technology



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## Report of the Program

Title of the Activity: Block Chain Technology And It's Applications

Date & Time: 26 Feb 2022, 10:00 Am to 12:00 Pm

Duration (in minutes): 120 min

No of Student Participants: 139

No of Faculty Participants: 25

No of External Participants:-

Expenditure: 4000/-

Mode of Delivery: Offline

Objectives of the Activity (In 100 words):

- To understand what Block chain is and how it works.
- To be able to explain the different components involved within Block chain
- To know when and why you may want to use Block chain within your environment
- To know how digital information to be recorded and distributed, but not edited.
- To know what Bitcoin Forks are?
- Able to differentiate between ERC 20 and ERC 721.
- Able to differentiate between utility tokens and security tokens.
- To understand what consensus is and what is consensus algorithm.
- To know the applications of Block chain technology.

Benefits in terms of learning/Skill/Knowledge obtained (In 150 words):

Participants were able to learn

- What blockchain technology is and what are the various components involved in it and what actually a Transaction is.
- They understood that Blockchain is not Bitcoin but blockchain is the technology behind Bitcoins.
- A consensus algorithm is a procedure through which all the peers of the Blockchain network reach a **common agreement** about the present state of the distributed ledger. In this way, consensus algorithms achieve reliability in the Blockchain network and establish trust between unknown peers in a distributed computing environment.

- Security tokens represent ownership shares in a company that does business using blockchain technology and Utility tokens are promotional tools that grant holders special access or promotions for future product or service launches.
- Why Ethereum Request for Comments (ERC) was created and ERC20 and ERC721 are two of the most widely used ERC token specifications.
- Bitcoin forks are splits that happen in the transaction chain based on different user opinions about transaction history. These splits create new versions of Bitcoin currency and are natural results of the structure of the blockchain system, which operates without a central authority. These forks allow for different buying opportunities for the cryptocurrency.
- Financial exchanges, Lending, Insurance, Real estate, Secure personal information, Voting are some of the applications of Block chain technology

Any other points about the program:

Remarks (if any):

Web Links:

- Twitter—  
[https://twitter.com/MRCET\\_online/status/1497201067620061187?t=hAZc4yYR1kVe1U8iXhfb5g&s=08](https://twitter.com/MRCET_online/status/1497201067620061187?t=hAZc4yYR1kVe1U8iXhfb5g&s=08)
- Facebook—  
[https://m.facebook.com/story.php?story\\_fbid=1017740345504171&id=100018046444637](https://m.facebook.com/story.php?story_fbid=1017740345504171&id=100018046444637)
- Instagram—[https://www.instagram.com/p/CaZuH26phZb/?utm\\_medium=copy\\_link](https://www.instagram.com/p/CaZuH26phZb/?utm_medium=copy_link)
- Video URL— <https://youtu.be/QznADiJLx78>

**Signature of Co-Ordinator**

**Signature of HoD**

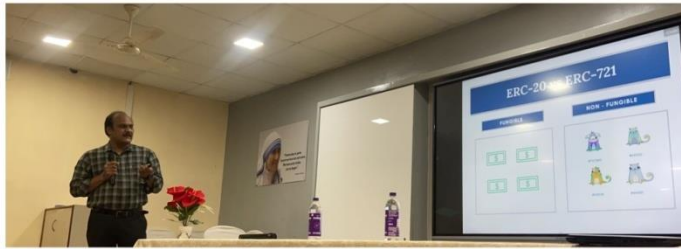
**Signature of IIC President**



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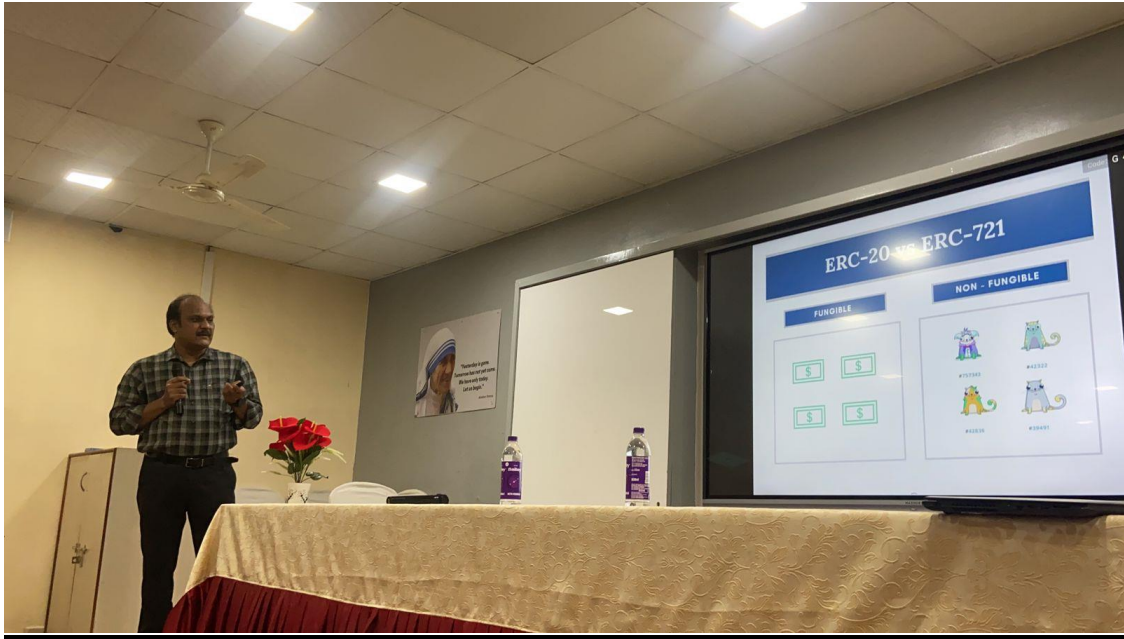
**SEMINAR**  
ON  
**BLOCK CHAIN TECHNOLOGY & IT'S APPLICATIONS**  
Organized By  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
In Association with MRCET R&D Cell

**DATE & TIME:** 26-02-2022 (SATURDAY)      **RESOURCE PERSON:** Mr. Srinivasa Raju Vuppalapati      **VENUE:** MOTHER TERESA









## POSTER



**MRCET CAMPUS**  
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### **SEMINAR** **ON** **BLOCK CHAIN TECHNOLOGY & IT'S APPLICATIONS**

*Organized By*  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
*In Association with MRCET R&D Cell*

**DATE & TIME:**

26-02-2022 (SATURDAY)  
10:00 A.M - 12:00 P.M

**RESOURCE PERSON**

**Mr. Srinivasa Raju Vuppalapati**  
Senior Consultant , MSR IT Services LLP  
Hyderabad

**VENUE:**

MOTHER TERESA  
SEMINAR HALL

**Target Audience: B.Tech Students**

<b>Dr.V.S.K.REDDY</b> Director MRCET	<b>Dr.S.SRINIVASA RAO</b> Principal MRCET	<b>Dr.T.VENU GOPAL</b> Dean MRCET	<b>Dr.P.H.V.SESHA TALPA SAI</b> Director, R&D MRCET	<b>Dr.G.SHARADA</b> HOD-IT MRCET
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