MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC - AUTONOMOUS)

A Lecture on
Block chain Technology
Organized by MITS -Dept. of CSE
12 August 2021

Report submitted by : Dr.V.C.Bharathi Asso.Prof,CSE

A Lecture on **Block chain Technology o**rganized by MITS -Department of Computer Science & Engineering on 12th August,2021. This program given awareness to the students on advanced technologies and how to plan their career. Around 68 Students has participated in the online programme.
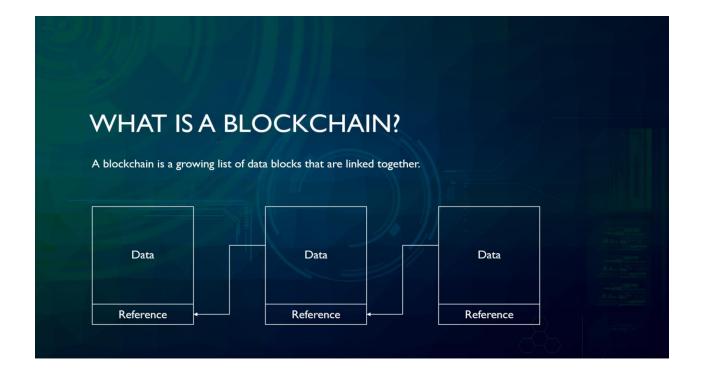
Mr.VENKATACHALAM . K Assistant Professor Paavai Engineering gave the Lecture on new Technologies like Block chain Technology Cloud Computing, Big Data Analytics ,Virtualization, Security etc.,
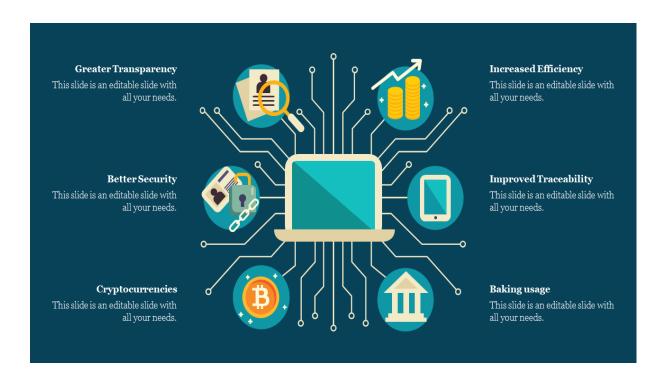
HoD CSE: The Professor and the Head, Department of Computer Science and Engineering, addressed about how Programming Languages is important in our software development. Then the session was handed over to **Mr.VENKATACHALAM . K Assistant Professor Paavai Engineering.**

As part of Program, the students got awareness on various trending domains and technologies these would help them formulate their career better.

This program would not only enable students with various IT opportunities but will also streamline their thought processing on "How to create Jobs" in IT industry.

Same Day the Program in the Lunch ended with vote of thanks by Mr. B. Krishna Sagar, Assistant Professor in CSE Dept., MITS. Participants were satisfied with this Programme.

WHAT IS A BLOCKCHAIN?

A blockchain is a growing list of data blocks that are linked together.

Data	Data	Data
Reference	Reference	Reference

Greater Transparency
This slide is an editable slide with all your needs.

Better Security
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Cryptocurrencies
This slide is an editable slide with all your needs.

Increased Efficiency
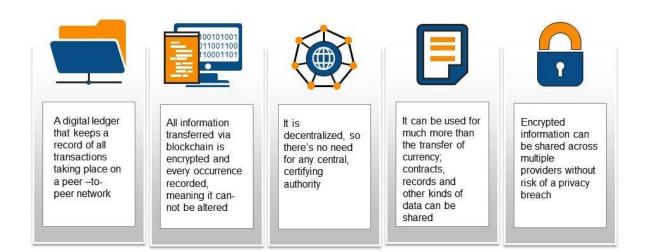This slide is an editable slide with all your needs.

Improved Traceability
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Baking usage
This slide is an editable slide with all your needs.

BLOCKCHAIN

blockchain technology can help solve tasks and problems of customers.

What Is Blockchain Technology And How It Works?

A blockchain is the structure of data that represents a financial ledger entry, or a record of a transaction. Each transaction is digitally signed to ensure its authenticity and that no one tampers with it, so the ledger itself and the existing transactions within it are assumed to be of high integrity.

✅ **Here Are Potential Uses For Blockchain Technology.**

- ◉ Payment processing and money transfers.
- ◉ Monitor supply chains.
- ◉ Retail loyalty rewards programs.
- ◉ Digital IDs.
- ◉ Data sharing.
- ◉ Copyright and royalty protection.
- ◉ Digital voting.
- ◉ Real estate, land, and auto title transfers.

A digital ledger that keeps a record of all transactions taking place on a peer–to-peer network	All information transferred via blockchain is encrypted and every occurrence recorded, meaning it can-not be altered	It is decentralized, so there's no need for any central, certifying authority	It can be used for much more than the transfer of currency; contracts, records and other kinds of data can be shared	Encrypted information can be shared across multiple providers without risk of a privacy breach

A blockchain is a growing list of records, called blocks, which are linked using cryptography. Each block contains a cryptographic hash of the previous block, a timestamp, and transaction data. Blockchain has been in a lot of buzz these days. And that is mainly because it is backbone of the very famous cryptocurrency in the world - the Bitcoin. Many Governments and leading Banks have decided to bring many of their conventional transactions based on Blockchain concept. The applications and potential of this framework is huge and is considered to be changing the way transactions are made in various domains.