



DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Date: 20.12.2023

Submitted,

Sub: Report on Workshop on Block chain Technology

With respect to the above subject, Department of Artificial Intelligence & Machine Learning, Sri Sairam College of Engineering, Bengaluru organized one day Workshop on block chain technology for the 2nd & 3rd year students of AIML department. On December 19th, 2023, an engaging and informative session on block chain technology was organized **with Sri. Shreyas S** Technological Trainer from seventh sense Talent Solution, Bengalore serving as the resource person. The event was with the intention of enhancing participants' knowledge and skills in Block chain Technology, particularly focusing on advanced concepts and applications. The session was attended by a diverse group of participants, including students, and professionals.

The workshop was structured around various features of blockchain technology, ensuring that participants could delve into both fundamental and intricate aspects of the blockchain. The agenda for the session included the following key topics:

1. Introduction to Blockchain Technology:

- Definition and basic concepts of blockchain.
- Brief history and evolution of blockchain technology.
- Key characteristics of blockchain (decentralization, transparency, immutability, etc.).

2. Blockchain Architecture:

- Components of a blockchain (blocks, nodes, miners, etc.).
- Types of blockchains (public vs. private, permissioned vs. permissionless).
- Consensus mechanisms (Proof of Work, Proof of Stake, etc.).

3. Crypto currencies and Tokens:

- Understanding crypto currencies and their role in blockchain ecosystems..
- Initial Coin Offerings (ICOs) and Security Token Offerings (STOs)

4. Blockchain Security::

- Overview of blockchain security principles.
- Common security threats and vulnerabilities in blockchain systems.

5. Blockchain Development Tools:

- Setting up a blockchain development environment.
- Hands-on exercises or demos on blockchain programming.

Session Highlights:

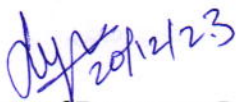
- Sri.Shreyas S, with his extensive experience, delivered an engaging and informative presentation on Block chain Technology.
- This workshop provides insights for the participants to apply their knowledge immediately.
- Workshops often attract a diverse group of participants, including industry professionals, enthusiasts, and newcomers. Networking with these individuals can lead to valuable connections, collaboration opportunities, and insights into industry trends and best practices.

Conclusion:

The workshop on block chain technology was a resounding success, providing participants with a deeper understanding of block chain technology and its versatile applications. The practical nature of the session enabled attendees to gain hands-on experience, making it a valuable learning opportunity for both novice and experienced in the domain of block chain. The event contributed significantly to enhancing the knowledge in blockchain to the participants and furthering their knowledge in various domains.

At the end of the day program concluded with feedback from students and vote of thanks by Coordinator.

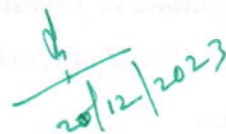
We extend our gratitude to Sri.Shreyas S for his invaluable contributions and look forward to organizing similar sessions in the future to continue promoting knowledge in block chain technology.


20/12/23

Signature of Program Coordinator


20/12/2023

Signature of HOD


20/12/2023

Glimpse of Session Photos

