IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 2, March 2022

The Blockchain Technology

Shiza Amreen J¹, Shailashree Mendon², Sujaya Nayak³, Merlyn Melita⁴

Students, Department of Computer Science and Engineering^{1,2,3}
Faculty, Department of Computer Science and Engineering⁴
Alva's Institute of Engineering and Technology, Mijar, Mangalore, Karnataka, India shizaamreennrp@gmail.com¹, shailashree62@gmail.com², sujayanayak10@gmail.com³, merlynmetita@aiet.org⁴

Abstract: Today, Blockchain is a decentralized ledger of all transaction across a peer-to-peer network, technological weapon behind the success of Bitcoin, Ethereum and other various kinds of cryptocurrencies. Also the impact of blockchain technology on other existing applications and overview on the emerging blockchain technology and understanding on cryptocurrency and provide insight on blockchain and pros and cons.

Keywords: Decentralised, Peer-to-Peer, Cryptocurrency

REFERENCES

- [1]. Lisa Morhaim, Blockchain and cryptocurrencies technologies and network structures applications, implication and beyond.
- [2]. Knoll, J. Meinkoehn, Data fusion using large multi-agent networks: an analysis of network structure and performance, In: Pro] Jameela Al-Jaroodi and Nader Mohamed. Blockchain in industries: A survey. IEEE Access,
- [3]. Martin Garriga ,AlanDerenzis, Maximilliano Arias, Blockchain and cryptocurrency : A framework of the main Architectural Drivers.
- [4]. Brian A Scriber. 2018. A Framework for Determining BlockchainApplicability. IEEE Software 35, 4 (2018).
- [5]. Arthur Gervais, Ghassan Karame, SrdjanCapkun, and VedranCapkun. 2014. Is bitcoin a decentralized currency? IEEE security & privacy 12, 3 (2014).
- [6]. Satoshi Nakamoto. 2008. Bitcoin: A peer-to-peer electronic cash system. (2008).
- [7]. M. Marchesi, "'Why blockchain is important for programming designers, and why programming building is crucial for blockchain programming (Keynote),"' 2018 International Workshop on

DOI: 10.48175/568