

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

Volume 2, Issue 1, October 2022

An Overview of Non-Fungible Tokens (NFT)

Udit Agarwal¹, Kuldeep Singh², Dr. Rajesh Verma³

Associate Professor, Computer Science, RBMI Group of Institutions, Bareilly, India¹ Assistant Professor, Computer Applications, Invertis University, Bareilly, India² Professor, Computer Science, RBMI Group of Institutions, Bareilly, India³

Abstract: The Non-Fungible Token (NFT) market is mushrooming in recent years. In recent years, NFTs have garnered remarkable attention from both the industrial and scientific communities. The concept of NFT originally comes from a token standard of Ethereum, aiming to distinguish each token with distinguishable signs. This type of token can be bound with virtual/digital properties as their unique identifications. NFTs have the potential to transform the arts, sports, music and gaming. In the next few years, for example, football teams may provide the majority of their ticket options via fan tokens. Furthermore, because to larger revenues than existing traditional methods in the music industry, decentralised music streaming initiatives may be more popular among musicians. There are various emerging initiatives in this industry based on NFT and decentralised technology, but it takes time for them to gain popularity among people and industries worldwide.

Keywords: Non-Fungible Token, NFT, Blockchain, Ethereum, Cryptocurrency

REFERENCES

- [1]. Wang, Qin, et al. "Non-fungible token (NFT): Overview, evaluation, opportunities and challenges." arXiv preprint arXiv:2105.07447 (2021).
- [2]. Agarwal, Udit. "FAKE AND COUNTERFEIT DRUGS: A BIG PROBLEM IN INDIAN HEALTHCARE SYSTEM."
- [3]. Cooper, Allen. The ABC of NFT. Nutrient film technique. Grower Books., 1979.
- [4]. Nadini, Matthieu, et al. "Mapping the NFT revolution: market trends, trade networks, and visual features." Scientific reports 11.1 (2021): 1-11.
- [5]. Agarwal, Udit, et al. "Blockchain Technology for Secure Supply Chain Management: A Comprehensive Review." IEEE Access (2022).
- [6]. Vasan, Kishore, Milán Janosov, and Albert-László Barabási. "Quantifying NFT-driven networks in crypto art." Scientific reports 12.1 (2022): 1-11.
- [7]. Rana, Kuldeep Singh, et al. "Role of Edge Computing In Smart Health Care System."
- [8]. Das, Dipanjan, et al. "Understanding security Issues in the NFT Ecosystem." arXiv preprint arXiv:2111.08893 (2021).