

Metaverse Beyond Gaming: Applications in Education, Healthcare, Remote Work, and Digital Economy

Vedanti U. Bankar, Prof. D. G. Ingale, Dr. A. P. Jadhao, Prof. S. V. Raut, Dr. D. S. Kalyankar

Department of Computer Science and Engineering
DRGIT&R College of Engineering, Amravati

Abstract: *The Metaverse has evolved beyond gaming into a multidimensional digital ecosystem integrating virtual reality (VR), augmented reality (AR), and blockchain technologies. This paper explores its expanding influence in education, healthcare, remote work, and the digital economy. In education, virtual environments enable interactive learning and immersive experiences. In healthcare, the Metaverse supports remote surgeries, therapy, and medical training. It enhances remote work through collaborative virtual offices and global connectivity. Moreover, the digital economy is reshaped by virtual assets, NFTs, and decentralized finance.*

Keywords: Metaverse, Virtual Reality (VR), Augmented Reality (AR), Education, Healthcare, Remote Work, Digital Economy

