

Latest Trends in Audio and Video Communications

Mr. Sahane Shrikant Tukaram

Department of Electronics & Communication Engineering.
Amrutvahini Polytechnic, Sangamner, India
sahanest@amrutpoly.in

Abstract: *The field of audio and video communications is undergoing rapid transformation with advancements in compression techniques, AI-powered enhancements, 5G/6G technologies, and immersive media formats. This paper explores the latest trends that are redefining the way humans communicate and experience multimedia content. From ultra-low latency streaming to spatial audio and holographic calls, the evolution is driven by both technological progress and increasing user demand for quality, efficiency, and interactivity.*

Keywords: Audio Communication, Video Compression, Spatial Audio, 5G, AI, Immersive Media, Video Conferencing, Holography

