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(51) International classification	:H04W 48/18, H04W 4/44, H04H 60/85, H04W 92/00, H04H 60/91	(71) <b>Name of Applicant :</b> <b>1)NOIDA INSTITUTE OF ENGINEERING &amp; TECHNOLOGY</b> Address of Applicant :19, Knowledge Park-II, Institutional Area, Greater Noida – 201306, Uttar Pradesh, India. Uttar Pradesh India (72) <b>Name of Inventor :</b> <b>1)ROSHAN KUMARI</b> <b>2)ANSHUL VARSHNEY</b>
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(57) Abstract :

The invention "A Virtual Reality System for Enhanced Online Conference Experiences" comprises a VR headset (101), motion tracking sensors (102), virtual meeting server (103), user interaction module (104), audio-visual synchronization unit (105), and cloud communication network (106). The system provides immersive, interactive conferencing through real-time motion tracking, cloud-based collaboration, and synchronized audiovisual communication. It enhances realism, user engagement, and scalability, offering an advanced platform for next-generation online conferencing.

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