

A Webinar on “Introduction to Virtual Reality”



Conducted By



National Productivity Council-Kanpur

Webinar Title: “Introduction to Virtual Reality”

Expert Speaker **Rajeev Gupta,**
Deputy Director (IE)
National Productivity Council
Regional Directorate-Kanpur

Webinar Date: 28th May 2021|Time: 3:00 pm to 4:00 pm

About Webinar (Brief One para): -

Virtual reality (VR) refers to a computer-generated simulation in which a person can interact within an artificial three-dimensional environment using electronic devices, such as special goggles with a screen or gloves fitted with sensors. In this simulated artificial environment, the user is able to have a realistic-feeling experience.

Webinar Coverage: -

The concept of virtual reality is built on the natural combination of two words: the virtual and the real. The former means "nearly" or "conceptually," which leads to an experience that is near-reality through the use of technology. Software creates and serves up virtual worlds that are experienced by users who wear hardware devices such as goggles, headphones, and special gloves.

We understand our surroundings through our senses and the perception mechanisms of our body. Senses include taste, touch, smell, sight, and hearing, as well as spatial awareness and balance. The inputs gathered by these senses are processed by our brains to make

interpretations of the objective environment around us. Virtual reality attempts to create an illusory environment that can be presented to our senses with artificial information, making our minds believe it is (almost) a reality. Virtual reality is most commonly used in entertainment applications such as video games, 3D cinema, and social virtual worlds

Speaker Profile:-



Academic profile:

- Masters in Civil Engineering (Geographical Information System- GIS & Global Positioning System - GPS),
- Bachelor of Architecture
- Post Graduate Certificate Programme in Industrial Engineering from Ambedkar Institute of Productivity, Chennai

Industrial profile:

Industrial Engineering work techniques, field study, data collection, collection, analysis, report preparation, man power rationalization using scientific techniques like time & motion study, etc. Manpower Assessment and Production Norms involving Industrial Engineering work techniques. Work station design, layout of Industries incorporating anthropometrics and ergonomics standards. Lean Manufacturing tools like 5S, Kaizen, SMED, TPM, TQM, TFM, Inventory Management, etc. Monitoring, auditing & evaluation of work under Government Schemes. Environment Impact Assessment of construction of High Rise Buildings. Energy Saving calculations in architectural buildings. Geographical Information System (GIS), Digital Image Processing of Satellite Images, Global Positioning System (GPS), etc. Supervision and Management of Architectural & Civil construction work. Energy Performance Assessment of Architectural Buildings as per Energy Conservation Building Code (ECBC)

Register to learn (Key Learnings' in bullet points):

- Introduction to the concepts of Virtual Reality
- Futuristic Applications of Virtual Reality
- Career Prospects in Virtual Reality
- Virtual Reality Examples
- Difference between Augmented Reality and Virtual Reality

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Register in advance for this webinar

Thanks & Regards

National Productivity Council

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