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Virtual Reality

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# Virtual Reality Overview

## Virtual Reality :

## The term here refers to an Artificial Environment which is not actually Real. But It is made similar to Real by Forcing the Human Senses to make Believe in it.

## What Actually Happens in Virtual Reality?

In Virtual Reality , with the help of Visuals and Sound , An Environment is Created in such a way that a Person starts feeling that they are in a different Place or in a whole New World which feels Real . This Artificial world that a user experiences is actually a Simulated Environment where it is made sure that Sensations via Audio & Video along with the Technology appears like a Person is into a whole New Dimension. Although Everything is virtual in Virtual Reality , still a user experiences it like it is Real.

### VR(Virtual Reality) tricks your mind via the help of audios and visuals, believing into the world which does not exist.

## How The VR Technology Supports Human Beings?

With the help of VR…

* An Artificial environment can be created which is interesting like GamePlays.
* Experience Videos/Animation/Movies like you are in there.
* Medical Practices like Complicated Surgeries, Understanding of Anatomy of BioMolecules can be made very easy.
* A person can explore Celestial Bodies without going into Space like Neutron Star, Black Holes , Nebulas , Galaxies etc.
* They can even dive into a Planet’s Core , watch their Moons, Asteroid Belts & much more.
* Complex Physics concepts can be explained very Easily and Interestingly with the help of 3D interactions
* Those who have Interest in watching Ant colonies can watch them and not only watch but also can Feel the Surroundings as if they are there..
* Warcrafts operations which are not feasible in terms of Money , Time and Hazards involved , could be Performed without having any Risk involved.
* The practices where Risk of even small accidents due to Non Expertise of Crew or Careless Attitude may Highly Impact the mission, can be performed with Minimal Investment

## How VR Technology Harms Human Beings?

* It takes a person away from the Reality
* The Things which are tough to acquire in the real world can be made available in no time.
* It is addictive .
* Too much use of this technology can disconnect you from your social life as well as Family & Friends Circle.
* It can disrupt Sleep Cycles due to overexposure of Blue Rays.
* It can weaken eye-sight and may result in loss of hearing too.

# Conclusion

Virtual Reality reduces the cost of acquisition of Materials without worrying damaging of objects ,It Creates an Artificial Environment which feels real.One can Experience & see visual Representations of that surroundings like space ,oceans,inside Earth core, Ant Colony , microorganisms world, celestial bodies(neutron Star ,blackholes , nebula, galaxies).

**Virtual Reality is highly helpful in the domain of Education & Research making context user Friendly, easy to interact and incredibly interesting.**