Virtual Reality

Prepared By:

Sudhir Kumar Pandey Department of Computer Science & Engineering

WHAT IS VIRTUAL REALITY?

Virtual Reality (VR) is the use of computer technology to create a simulated environment. Unlike traditional user interfaces, VR places the user inside an experience. Instead of viewing a screen in front of them, users are immersed and able to interact with 3D worlds. By simulating as many senses as possible, such as vision, hearing, touch, even smell, the computer is transformed into a gatekeeper to this artificial world. The only limits to nearreal VR experiences are the availability of content and cheap computing power

APPLICATIONS OF VIRTUAL REALITY

Here is a list of the many **applications of virtual reality**:

- Virtual Reality in the Military
- Virtual Reality in Education
- Virtual Reality in Healthcare
- Virtual Reality in Entertainment
- Virtual Reality in Fashion
- Virtual Reality and Heritage
- Virtual Reality in Business
- <u>Virtual Reality in Engineering</u>
- Virtual Reality in Sport
- Virtual Reality in Media
- Virtual Reality and Scientific Visualisation
- Virtual Reality in Telecommunications
- Virtual Reality in Construction
- Virtual Reality in Film
- <u>Virtual Reality Programming languages</u>