Aditya College of Engineering & Technology

Aditya Nagar, ADB Road, Surampalem - 533437

DEPARTMENT OF INFORMATION TECHNOLOGY

B. Tech 4/4, II-SEMESTER

II Semester 2020-21

ADITYA CAMPUS IN VIRTUAL REALITY

ABSTRACT

Virtual reality (VR) is a technology which allows a user to interact with a computer-simulated environment, whether that environment is a simulation of the real world or an imaginary world. It is the key to experiencing, feeling and touching the past, present and the future. It is the medium of creating our own world, our own customized reality. It could range from creating a video game to having a virtual environment around the universe, from walking through our own dream house to experiencing a walk on an alien planet. With virtual reality.

The Goal of VR is to provide a virtual environment where we can interact with a computer just as we do in the real world, that is, by talking with a virtual character, by writing a letter, or by drawing a picture. We can grasp the virtual objects by hand gesture and bring it to another place. In a human-Friendly virtual environment, we can interact with a computer without any difficulties.

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Course Outcomes (COs)

Course Outcomes

After completing this course, the student will be able to:

CO Number	CO Statement	Taxonomy
CO1	Demonstrate the technical knowledge to identify problems in the field of Information Technology and its allied areas.	Understand
CO2	Use literature to identify the objective, scope and the concept of the work.	Apply
CO3	Analyze and formulate technical projects with a comprehensive and systematic approach.	Analyse
CO4	Identify the modern tools to implement technical projects.	Evaluate
CO5	Design engineering solutions for solving complex engineering problems.	Create
CO6	Develop effective communication skills, professional behaviour and team work.	Understand

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CO-PO/PSO MATRIX:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CO1	2	2	1	1		1			3	1	1	1	2	2	
CO2	2	2	1	1		1			3	2	2	2	2	2	
CO3	2	3	2	2		1			3	2	2	2	2	1	1
CO4	2	1	3	2	3	1	1	2	3	2	2	2	3	2	1
CO5	2	2	3	3	1	1		1	2	2	1	2	3	3	2
CO6	2			2	1	1	1	2	2	3	3	3	1	1	2
Course	2.0	1.7	1.7	1.8	0.8	1.0	0.3	0.8	2.7	2.0	1.8	2.0	2.2	1.8	1.0

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
PO6	Engineer & Society	PO12	Life-long Learning

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