SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, Recognized by UGC Affiliated to Anna UniversityAccredited by NBA-AICTE, NAAC-UGC with 'A++' Grade

Saravanampatti , Coimbatore -641035

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
19ITE302 AUGMENTED REALITY AND VIRTUAL REALITY
Unit –I
Introduction to Augmented reality

Part A:2 marks

1.What is Augmented Reality?

2.Difference between Augmented Reality and Virtual Reality

3.What are the main types of virtual reality?

4.What are the real-world applications of Augmented Reality?

5.How Augmented Reality is different from Virtual Reality?

6.In which sectors can AR be used?

7.Identify the usage of spatial and handheld in AR

8.What are the Applications and some Examples of Augmented Reality

9.Find the HMD and give short note of their types

10.List the display technologies in AR.

11.How will you experience augmented reality?

12.Define Milgram's reality

13.Compare the difference between AR, VR, and MR.

14. What is the Future of Augmented Reality?

15. Does Augmented Reality help in Marketing?

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Part B: 13 marks

1.Explain the working of Augmented reality with real time example.

2.How does Mobile augmented system works with the features of Navi cam   architecture?

3.Explain the Requirement of AR elements and authoring.

4.Explain Plug in approaches and Web technology in ARVR and list applications of it.

5.Explain in detail how AR applications are used in TNPL and IPL.

6.Explain the terms tangible interfaces, virtual user interfaces on real surfaces, Multiview interfaces with respect to ARVR.

7.Write a short note on

(a) VR,AR,MR

(b) Frame Rate and Display.

(c) Gyroscope and accelerometer

8. Apply AR technologies in medical field and analyse the advantages for curing disease.

9. Explain AR applications from IOS and Android compare its advantages and disadvantages.

10.How does Milgram's reality come in to existenceof making real scene?