Sarvajanik Education Society
Sarvajanik College of Engineering & Technology
Master of Computer Application Department

Date: 19/4/2017

A Report of Seminar on "Augmented Reality and Virtual Reality"

We want to make our students learn about Virtual Reality (VR) product which is very unique and new in itself and to empower students to make their own rich, interactive and immersive VR, so MCA Department had organized seminar on "**Augmented Reality and Virtual Reality**".

Speaker:	Mr. Chayan Kosambia
Designation:	COO - Shilp Maitri Innovative Solutions LLP.
Date & Time:	13th April, 2017 3.30 PM to 5.30 PM
Venue:	MCA Lab
Target Audience:	MCA Students
Co-ordinated By:	Prof. Rashmi Chouhan & Ms. Tejal Surati
Participants:	40+ MCA students and All MCA Faculties

The session started with the introduction of Mr. Chayan Kosambia by Miss Ritika Patel MCA II student.

Mr. Chayan Kosambia is B. Tech in Mechanical Engineering from SVNIT, Surat. He is now a COO - Chief Operating Officer in Shilp Maitri Group – Surat.

His talk initiated by introduction of Augmented Reality (AR) and Virtual Reality (VR) and its applications in future. He gave more insight example about AR by showing a video of Land Rover (https://www.youtube.com/watch?v=LEPR8DfBsZQ). He listed many interesting examples of AR and VR like RCS effect in medical science, Magic Leap, Bahubali 2 Trailer.

He discussed many more things related to AR and VR listed below:
- How 360 degree camera works?
- 3rd integration for AR & VR
- How to use 2D images,3D video for AR & VR.

Some of the developing tools for AR and VR are:

- Google Project Tango
- Google Cardboard
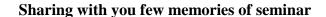- Vuforia
- Unity
- Oculus Rift
- Magic Leap

He made our students to experience VR in his cell phone using VR Box.

He shared the future perspective and scope of AR and VR. He mentioned that upcoming years will be the era of AR & VR. He also specified that to create 1 minute content in VR costs roughly 4 lakhs.
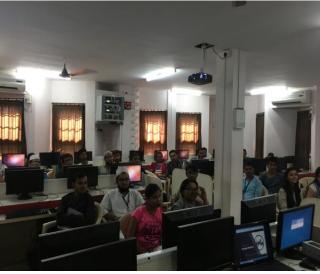
He demonstrated how to make presentation using VR. He made our student to login **pptvr.in** site (created by him and his team) and stepwise way to make presentation. He made them aware about hitmap, sharing of the VR content which they had created.

At the end of this interactive session, **Dr. S. V. Patel** presented souvenir to Mr. Chayan Kosambia, as a token of gratitude.

We would like to thank **Prof. Gayatri Kapadia**, Head, MCA Department to encourage us to conduct such Seminar. We extend our sincere thanks to **Dr. Vaishali Mungurwadi**, Principal Madam, SCET for her support for facilitating such activities at MCA Department.

Sharing with you few memories of seminar

"Seeing is not, believing in Virtual Reality,
But Virtual Reality Begins with seeing."