School of Computing Science and Engineering

TechnoVIT QUBIT

CREATATHON

3-D Graphics and Animation

Team Members:

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Day: Monday

Programme	:	B.Tech (CSE)	Semester	:	FALL 22-23
Course	:	3-D Graphics and Animation	Code	:	CSE4046
Faculty	:	Dr. Krithiga R	Venue	:	AB1 505A

Project Topic: 3D Android Phone model with Advertisement Effect using Blender Application

Description: Our Activity basically deals with the cantilever model which involves the building and construction of a Mobile Phone's 3D model. Then many operations are performed over it using various tools like lighting it, animating it, and syncing it with audio (optional) to create a professional advertisement. A motion capturing video is also recorded. The entire process will happen in Blender 3.3 and be rendered completely with the brand new EEVEE real-time render engine.

About the Tool: Blender is the Free and open source 3D Modelling, Design and Animation Software. It runs in Windows, Linux and Mac. It is a program with a collection of advanced tools and features. Many Physics related features and be performed and made to interact with. Also 2D models are possible to be constructed. We can either draw or import or imagine any Object in 3D space and perform animation over it scene by scene. Its main functionalities include moving, translation, shearing, scaling, rotating and reflecting as well. The models can be viewed in Edit, Sculpt, Vertex, Weight and Texture modes. Blender has many kinds of use cases like Architectures as well for using mark-ups of 3D spaces, mark-ups of buildings can be built for designing. The models built using Blender can have incredible amount of quality and Precision.
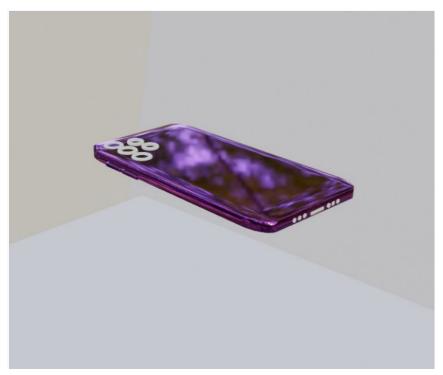
Project Demo images:

WITH **HYPER**DUPER CAMERAS

IN **THREE** COLOR OPTIONS

Actual Project Images:

References:

https://www.youtube.com/watch?v=lZPedlX6CMw

https://www.google.com/search?q=how+to+change+the+bevel+angle+width+in+blender&oq=how+to+change+the+bevel+angle+width+in+blender&aqs=chrome..69i57j33i160j33i21.10639j0j15&sourceid=chrome&ie=UTF-8#kpvalbx=_ft4eY-L1GMny4-EPgq6FqAo_22

https://www.youtube.com/watch?v=4J7X1_x5hkY

https://www.youtube.com/watch?v=nIoXOplUvAw

https://www.youtube.com/watch?time_continue=21&v=6oXkRIN_t0Y&feature=emb_logo

https://www.youtube.com/watch?v=UbEa_pXH_9E