



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda(H), Gundlapochampally Village, Medchal
Mandal, Medchal-Malkajgiri District, Telangana State – 500100


CIRCULAR

Date: 23/06/2017

All the 3rd/I Year/Sem students are hereby informed that the Malla Reddy Engineering College (Autonomous) is planning to organize Value Added Courses like Remote Controlled Robotics -I, Multimedia - 3D Basic Concepts, Multimedia - 3D Basic Concepts, Software's related to 3D Printing and Selection of proper 3D Printing materials in Centre Of Excellence. In this regard Interested students are hereby directed to register for this Courses on or before 28/06/2017. For further details, please contact Centre of Excellence, MREC(A)

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10. TEQIP Coordinator & Academic Cell
11. Admin Office
12. System Admin
13. Placement Cell
14. PA to Principal for Filling


Principal
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100



MALLA REDDY ENGINEERING COLLEGE
MAIN CAMPUS, AUTONOMOUS INSTITUTION
Maisammaguda, Dhulapally (Post) via Kompally,
Secunderabad-500100 Medchal - Malkajgiri District Telangana, India



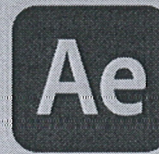
MULTIMEDIA

Catalogue, Broucher, Bussiness Card, Flyer Design

Image Editing, Digital illustrator & Page Layout

Audio video editing, 2D Animation, 3D Animation
Visual Effects

Photoshop, Coreldraw, illustrator & Indesign
Premier pro, Adobe audition, Animate, Maya
After effects



Course Duration -: 4 Months

Learn Multimedia & Develop Your Skills.

Raveesh

Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post) Kompally, Secbad-500100



SYLLABUS

	MALLA REDDY ENGINEERING COLLEGE (Autonomous) CENTRE OF EXCELLENCE	
3D Basic Concepts		

MODULE I

Experimental animations (Drawn, Stop motion) all over the world, Pioneer animators, Major animation studios.

MODULE II

Early attempts to imitate and reproduce motion, Cave paintings. Persistence of vision and Phi phenomenon, Early animation devices, Initial attempts to make animation, Photography, Motion picture.

MODULE III

Drawing from observation: Life drawing, Use of basic shapes and forms, Sketching poses, Rapid sketching from live models, Attitude: Gestures, Line drawing, Quick sketches, Thumbnails, Stick figures, Line of action, Balance, Rhythm, Positive and negative spaces, Silhouettes, Caricaturing fundamentals, Exaggeration.

MODULE IV

Perspective drawing, Vanishing points, Orthogonal lines, Horizon, Eye level. One point perspective, Two point perspective, Three point perspective, Multi-point perspective, Overlapping and intersection of shapes in one point, Two point and three point perspective views, Foreshortening.

MODULE V

Tones, Lighting and shading, Basic 3Dimensional light set up, Several types of shadows, Cast shadow, Contact shadow, Contour shadow, Reflected light, Overhang shadow, Highlight, Core shadow, Objects and shapes in perspective with light and shade

Ravendra
Principal

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District,
Telangana State - 500100

Course: Multimedia - 3D
Basic Concepts
Date:28/06/2017 to
27/10/2017

Registered Students

SL.No	Roll No	NAME	BRANCH
1	15J41A0164	AKUMADUPULA NITHISHA	CE
2	15J41A0168	ARVA YUGANDHAR	CE
3	15J41A0177	DURGAM KALYAN	CE
4	15J41A0182	GUJJETI VANDHITH	CE
5	15J41A0186	KAMATHAM RAKESH	CE
6	15J41A0233	KOTRA PHANEENDRA	EEE
7	15J41A0236	MERUGU VAMSHI KRISHNA	EEE
8	15J41A0240	NAMA SRI KAVYA	EEE
9	15J41A0245	PORANKI RUTHVIK	EEE
10	15J41A0251	SAMAYAM SRI HARSHA SIDDHARTHA	EEE
11	15J41A0363	ANNA RAKESH	ME
12	15J41A0366	BEESAM SAIKUMAR	ME
13	15J41A0372	D V SAI PRADHYUM	ME
14	15J41A0378	GURIJALA SHOBHA RANI	ME
15	15J41A0385	KANDURI JEEVITHA	ME
16	15J41A0462	ALEGAPALLY SWATHI	ECE
17	15J41A0465	B NIKHILA	ECE
18	15J41A0470	D MOUNIKA	ECE
19	15J41A0476	GADDAMANUGU SATYANARAYANA	ECE
20	15J41A0482	J MANIDEEP NETHA	ECE
21	15J41A2537	P LAXMAN	MINING
22	15J41A2540	PERGU BHARATH	MINING
23	15J41A2544	PULIGILLA CHANDRA TEJA	MINING
24	15J41A2550	SUNKARI ANAND KUMAR	MINING
25	16J45A2501	AMBULA KRANTHI KUMAR	MINING
26	15J41A0561	AKKINENI JAHNAVI	CSE
27	15J41A0563	ATUL KUMAR	CSE
28	15J41A0567	BOCHU SUMANTH	CSE
29	15J41A0571	D V P S SAI SARAN	CSE
30	15J41A0576	G UMA MAHESHWARI	CSE

Revised

Principal
Malla Reddy Engineering College
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SUMMARY

Multimedia - 2D & 3D Concepts

2D computer graphics is the computer-based production of digital pictures, mostly using two-dimensional models (such as 2D geometric models, text, and digital photographs) and using techniques that are unique to them. It might refer to the discipline of computer science that includes such approaches, or it could refer to the models themselves.

2D computer graphics are mostly utilised in applications based on traditional printing and drawing methods, such as typography, cartography, technical drawing, advertising, and so on. In those applications, a two-dimensional image is more than just a representation of a real-world object; it is an independent artefact with added semantic value; two-dimensional models are thus preferred, because they provide more direct control over the image than 3D computer graphics (whose approach is more akin to photography than typography).

A description of a document based on 2D computer graphics techniques can be significantly smaller than the equivalent digital picture in many fields, such as desktop publishing, engineering, and business, frequently by a factor of 1/1000 or more. This format is also more adaptable since it may be displayed at various resolutions to accommodate different output devices. Documents and drawings are frequently saved or transferred as 2D graphic files for these reasons.

3D design is the process of creating an item inside a three-dimensional space using computer modelling software. This implies that the item has been allocated three key values in order to determine its location inside the space. To help visualise this notion, imagine ourselves standing within a doorway, staring into an empty, perfectly square room. Now, let us place a ball in the room. Due to the fact that the room is not flat but rather a three-dimensional environment, the ball has three critical values that determine its location inside it: the x-axis, the y-axis, and the z-axis. Because designers are frequently presented with unique issues that require innovative solutions, it helps to have as many tools as possible in their toolbox. 3D design is one of those tools for designers that emphasises and visually diversifies the aspects in their work. This is especially critical when considering the human elements connected with UX design, as we want to ensure that our digital designs provide an experience comparable to that of real products and systems.

3D design may also be utilised in conjunction with voice user interface design to provide some visual cues in an overwhelmingly aural and typographic environment. This is visible to Apple users anytime Siri is engaged on their iPhone.



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Certificate

Of the Course Completion

This is to Certify that

ARVA YUGANDHAR

has Successfully Completed Multimedia - 3D Basic Concepts Offered by
Centre of Excellence, MREC(A) on 27/10/2017 bearing
with Roll No. 15J41A0168 and Branch CE.

Yogesh Madaria

Dr. Yogesh Madaria
CONVENOR

Raveesh

Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100

Dr.S.Sudhakara Reddy

Dr.S.Sudhakara Reddy
Conference Chair &Principal



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BEESAM SAIKUMAR

*has Successfully Completed Multimedia - 3D Basic Concepts Offered by
Centre of Excellence, MREC(A) on 27/10/2017 bearing
with Roll No. 15J41A0366 and Branch ME.*

Yogesh

Dr. Yogesh Madaria
CONVENOR

Raveesh

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Malla Reddy Engineering College,
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This is to Certify that

J MANIDEEP NETHA

*has Successfully Completed Multimedia - 3D Basic Concepts Offered by
Centre of Excellence, MREC(A) on 27/10/2017 bearing
with Roll No. 15J41A0482. and Branch ECE.*

Dr. Yogesh Madaria
CONVENOR

Principal
Malla Reddy Engineering College
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