



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

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

CIRCULAR

Date: 12/12/2018

All the 3rd/II Year/Sem students are hereby informed that the Malla Reddy Engineering College (Autonomous) is planning to organize Value Added Courses like Multimedia - 3D Basic Animations, Green Matte Studio - Video Effects/Transitions, Anatomy of a 3D Printer, Live demo of 3D Printing, Advanced PYTHON, Blockchain Revolution in Centre Of Excellence. In this regard Interested students are hereby directed to register for this Courses on or before 17/12/2018. For further details, please contact Centre of Excellence, MREC(A)


Principal

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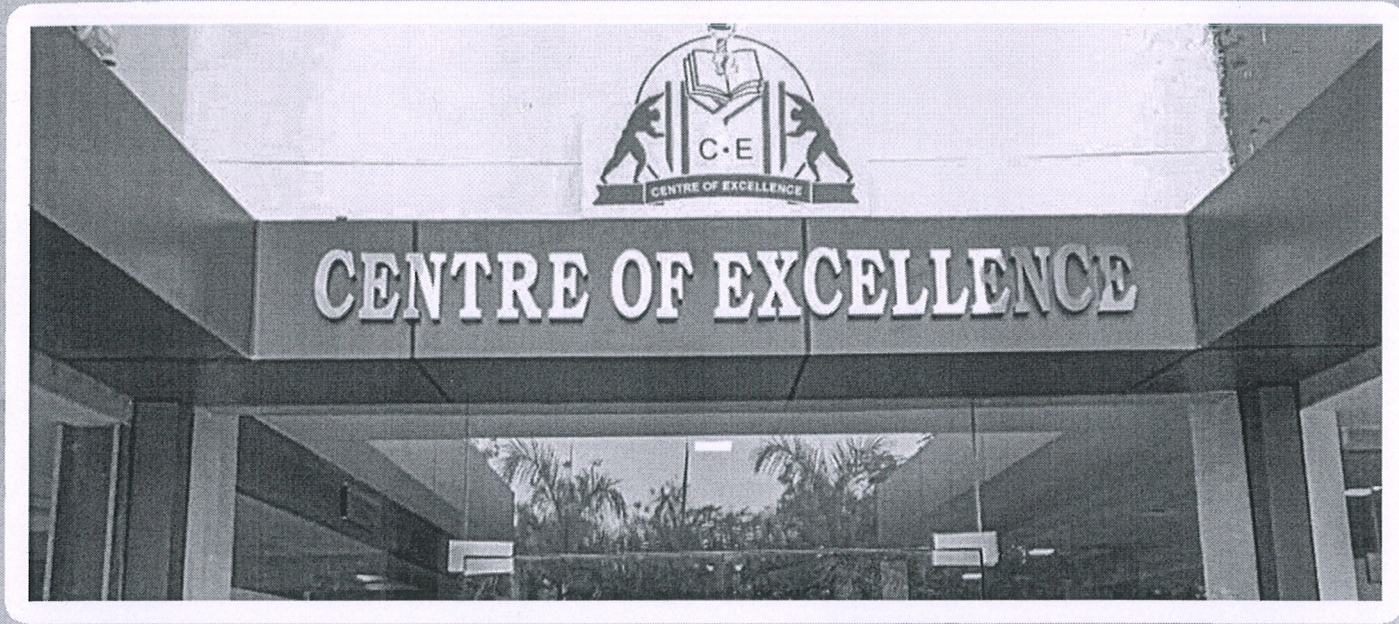
1. All HOD's-for information & circulation among staff
2. To be displayed in all notice board
3. Controller of Examination
4. Confidential Section Exam Branch
5. Group Admin Officer
6. Library
7. Physical Director-for necessary action
8. Security Officer-for necessary action
9. Transport Manager-for necessary action
10. TEQIP Coordinator & Academic Cell
11. Admin Office
12. System Admin
13. Placement Cell
14. PA to Principal for Filling



MALLA REDDY ENGINEERING COLLEGE

MAIN CAMPUS, AUTONOMOUS INSTITUTION

Maisammaguda, Dhulapally (Post) via Kompally,
Secunderabad-500100 Medchal - Malkajgiri District Telangana, India



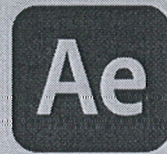
MULTIMEDIA

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 Animations		

MODULE I

Introduction to 3D graphics, 3D Object's Coordinate System: X, Y and Z axis. How to identify the X, Y and Z axis by its color (Red, Green, Blue), 3D softwares available, What is 3D Animation? 3D production pipeline, 3D animation and their applications in animation movies, visual effects, advertisements, 3D visualisation, simulation, training videos Etc.

MODULE II

3D interface, Organising work: Project folders, Basic skills for handling the selected software like transforming objects, Object properties, Hierarchies, Pivots Etc. Modeling techniques like Spline, NURBS, Polygon and SubD, Various tools and their applications, Detailed modeling of furniture, instruments, character props etc.

MODULE III

Shaders and materials, 2D and 3D textures, Texturing with HDR images, Different types of material creation, Normal and artificial lighting: 1 Point, 2 Point, 3 Point lighting in 3D space, Common light attributes, Shadows and its attributes.

MODULE IV

Introduction to animation, Keyframe creation, Animation curves, Path animation, 3D Cameras, Creating Camera movements

MODULE V

Exterior Modeling: Buildings, Street, House, children's park Etc. Interior Modeling: Room and furnitures. Exterior lighting, Interior Lighting: Global illumination, Final Gather. Rendering: Render settings, Batch rendering, Rendering image sequences

Raveesh
Principal
Malla Reddy Engineering College
Maisammaguda, Bollanpalle
(Post Via Kompally, Secbad-50



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

Course: Multimedia - 3D
Basic Animations
Date:17/12/2018 to
13/04/2019

Registered Students

SL.No	Roll No	NAME	BRANCH
1	16J41A0103	ADAMALA AJAY REDDY	CE
2	16J41A0107	ARRA DEVENDER	CE
3	16J41A0114	BOINI SUMANT YADAV	CE
4	16J41A0123	GONE MADHU	CE
5	16J41A0127	KASALA NAVEEN REDDY	CE
6	16J41A0132	MALAVATH SRUTHI	CE
7	16J41A0133	MASKE VAISHNAVI	CE
8	16J41A0204	BHUKYA AKHILA	EEE
9	16J41A0211	BUDIGE KARTHIK	EEE
10	16J41A0215	CHITTIMALLA HARI PRIYA	EEE
11	16J41A0222	GUGULOTH RAVI CHANDRA	EEE
12	16J41A0231	KOTHLAPURAM AKSHAYA	EEE
13	16J41A0301	A. RAGHUNTH REDDY	ME
14	16J41A0305	BILLURI HARSHA VARDHAN REDDY	ME
15	16J41A0312	CHIDRE RAJKUMAR	ME
16	16J41A0321	KAMATHGI PRAVEEN KUMAR REDDY	ME
17	16J41A0332	MOHD IMRAN	ME
18	16J41A0337	PEMBARLA PRUTHVI RAJ	ME
19	16J41A0408	BODDEPALLI OOHA	ECE
20	16J41A0415	D GANESH	ECE
21	16J41A0420	GUDIPELLY ANEELA	ECE
22	16J41A0425	KOLLAREDDY LOKESH REDDY	ECE
23	16J41A0430	MADINENI NIKHIL KUMAR	ECE
24	16J41A0432	MOHAMMED IRFAN	ECE
25	16J41A0501	A LAKSHMI PRATYUSHA	ECE
26	16J41A0505	BAKARAPU VENU YADAV	CSE
27	16J41A0508	BONAM HARIKA MADHAVI	CSE
28	16J41A0512	DONTHU MADHURI	CSE
29	16J41A0526	KANDIKATLA PRADEEP	CSE
30	16J41A0531	KOVURI GOPI RAJ	CSE

Ranush

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

SUMMARY

2D & 3D Animation

The term "2D animation" refers to an item that is just two-dimensional. It only contains letters or objects that are the same height and breadth. In other words, in the X-axis (horizontal dimension) and the Y-axis (vertical dimension) (vertical dimension). This collection of items is made using the conventional drawing approach. Each movement of the figure must be drawn by hand and animated frame by frame using the cell-animation approach, which is also known as frame-by-frame animation. Today's 2D animators, on the other hand, rely on computer-aided design software to create action sequences. However, just the first action scene has to be generated, after which the programme will automatically construct the remainder of the motion sequences for you. When compared to 3D animation, it is less expensive since it just requires professional applicants who are proficient in drawing and sketching. It all comes down to frames. It is extensively used in commercials, films, cartoon programmes, websites, e-learning courses, engineering, and many other fields of endeavour....

The term "3D animation" refers to an item that is composed of components that are different in height, breadth, and depth. As other words, in comparison to 2D models, 3D characters will be more realistic in appearance. Everything in 3D animation will be completed using computer software that is currently accessible. There are numerous phases or processes in the development process, such as modelling, texturing, lighting, rigging, and rendering, among others. The cost of 3D animation is determined by the amount of money spent on the rendering process. You have to pay for each second, which is why the 3d animation training necessitates a greater outlay of funds from your wallet. Because the final product must go through a number of stages, you must hire a qualified specialist to ensure the desired output. Movement is the most important aspect of 3D animation. 3D animation is ideal for conceptual creating since it produces all three-dimensional views in one go. The programme aids the animators in creating a detailed character by focussing on every conceivable aspect of the figure. 3D animation is extensively utilised in a variety of fields such as gaming, entertainment, medicine, biotechnology, and aerospace, among others.


Principal

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(Post Via Kompally), Sec'bad-500100



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Certificate Of the Course Completion

This is to Certify that

KAMATHGI PRAVEEN KUMAR REDDY

*has Successfully Completed Multimedia - 3D Basic Animations
Course Offered by Centre of Excellence, MREC(A) on 13/04/2019
bearing with Roll No. 16J41A0321 and Branch ME.*

Dr. Yogesh Madaria
CONVENOR

Principal
Malla Reddy Engineering College
Maisamma Reddy, Dhulapally,
(Dhulapally), Sec'bad-500101

Dr. S. Sudhakara Reddy
Conference Chair & Principal



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Certificate Of the Course Completion

This is to Certify that

KASALA NAVEEN REDDY

*has Successfully Completed Multimedia - 3D Basic Animations
Course Offered by Centre of Excellence, MREC(A) on 13/04/2019
bearing with Roll No. 16J41A0127 and Branch CE.*

Dr. Yogesh Madaria
CONVENOR

Principal
Malla Reddy Engineering College
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Dr. S. Sudhakara Reddy
Conference Chair & Principal



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Certificate Of the Course Completion

This is to Certify that

KOLLAREDDY LOKESH REDDY

has Successfully Completed Multimedia - 3D Basic Animations

Course Offered by Centre of Excellence, MRECA on 13/04/2019

bearing with Roll No. 16J41A0425 and Branch ECE.

Dr. Yogesh Madaria
CONVENOR

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

Dr. S. Sudhakara Reddy
Conference Chair & Principal



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Certificate Of the Course Completion

This is to Certify that

BONAM HARIKA MADHAVI

*has Successfully Completed Multimedia - 3D Basic Animations
Course Offered by Centre of Excellence, MRECA on 13/04/2019
bearing with Roll No. 16J41A0508 and Branch CSE.*

Dr. Yogesh Madaria
CONVENOR

Principal
Malla Reddy Engineering College
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Dr. S. Sudhakara Reddy
Conference Chair & Principal



MALLA REDDY ENGINEERING COLLEGE

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Certificate Of the Course Completion

This is to Certify that

CHITTIMALLA HARI PRIYA

*has Successfully Completed Multimedia - 3D Basic Animations
Course Offered by Centre of Excellence, MREC(A) on 13/04/2019
bearing with Roll No. 16J41A0215 and Branch EEE.*

Dr. Yogesh Madaria
CONVENOR

Principal
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(Post Via Kompally), Sec'bad-500100

Dr. S. Sudhakara Reddy
Conference Chair & Principal