



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

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

CIRCULAR

Date: 02/07/2019

All the 3rd /I Sem Year students are hereby informed that the Malla Reddy Engineering College (Autonomous) is planning to organize Value Added Courses like Remote Controlled Robotics -I & II, Multimedia - 2D & 3D Basic Animations, Software's related to 3D Printing Selection of proper 3D Printing materials, Advanced MATLAB(MATLB PRO), Advanced JAVA in Centre Of Excellence. In this regard Interested students are hereby directed to register for this Courses on or before 08/07/2019. For further details, please contact Centre of Excellence, MREC(A)


Principal

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

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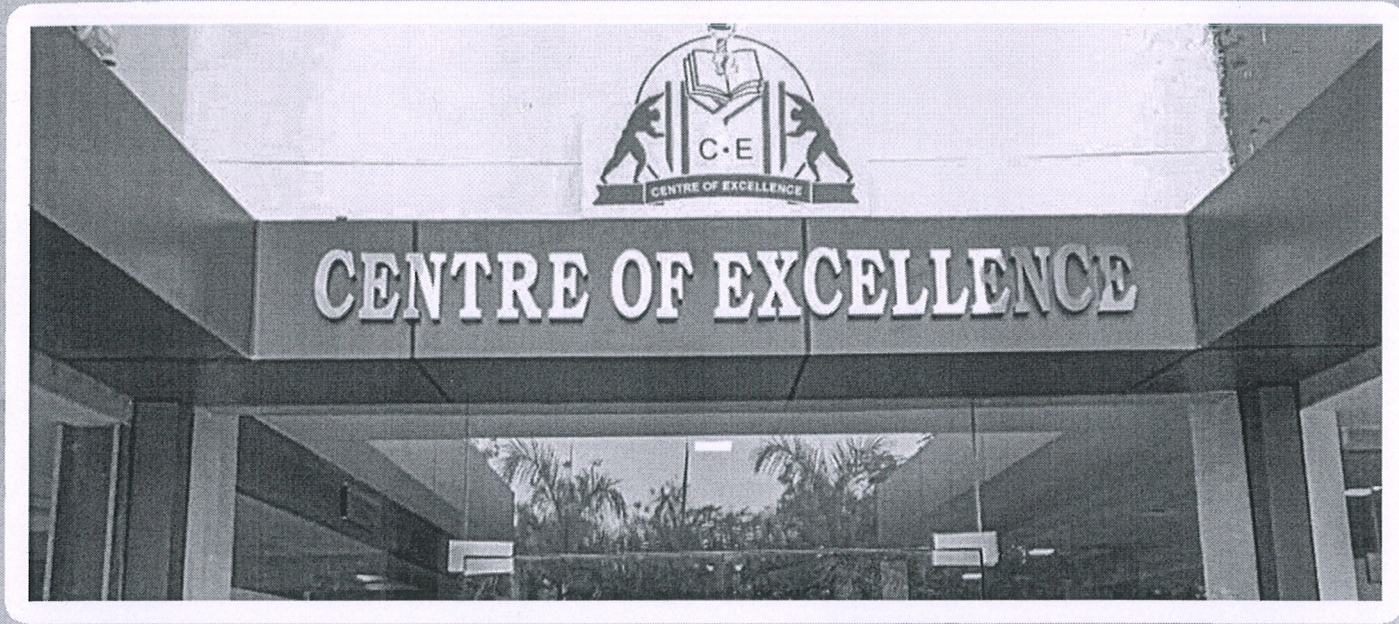
1. All HOD's-for information & circulation among staff
2. To be displayed in all notice board
3. Controller of Examination
4. Confidential Section Exam Branch
5. Group Admin Officer
6. Library
7. Physical Director-for necessary action
8. Security Officer-for necessary action
9. Transport Manager-for 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



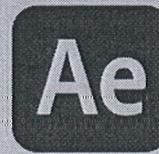
MULTIMEDIA

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
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Telangana State - 500100

Course:
Multimedia - 2D
& 3D Basic
Animations
Date:08/07/2019
to 01/11/2019

Registered Students

SL.No	Roll No	NAME	BRANCH
1.	17J41A01C8	B.Swapna	CE
2.	17J41A01E3	K.Sai Sujith	CE
3.	17J41A01C3	Avasarala Karthik	CE
4.	17J41A1229	MEDISHETTI SATHWIK	IT
5.	17J41A1232	MUNDRA NIHARIKA	IT
6.	17J41A1237	NUNE SAI KIRAN	IT
7.	17J41A1243	POOJA HOTKER	IT
8.	17J41A1253	SHIVAM ZANWAR	IT
9.	17J41A0226	KASIREDDY SAI HARSHITH REDDY	EEE
10.	17J41A0231	KUNCHALA DAYANANDAM	EEE
11.	17J41A0242	NANDEPU DEVSISH	EEE
12.	17J41A0254	TALLURI VEERA VENKATA SATYA GIRI PRATAP	EEE
13.	17J41A0258	YERRA VENKATA KAVYA	EEE
14.	17J41A03L9	KONDA SUMANTH	ME
15.	17J41A03M0	KONDRU HARRIE VINCENT	ME
16.	17J41A03M5	MADHADI SANVITH REDDY	ME
17.	17J41A03N0	MEDI SHIVA TEJA	ME
18.	17J41A03N6	NURSINGOJU MANOJ KUMAR	ME
19.	17J41A03M0	SHAIK MOHAMMAD RAFI	ME
20.	17J41A04E8	KANAPURAM SANDEEP REDDY	ECE
21.	17J41A04F0	KETAVATH RAHUL	ECE
22.	17J41A04F6	MANUPATI VIDYAVATHI	ECE
23.	17J41A04G2	PADAMATINTI PRAVEEN KUMAR	ECE
24.	17J41A04H3	TANYA SHREE	ECE
25.	17J41A05L9	MATTAPALLI JAGADEESH KRISHNA	CSE
26.	17J41A05M3	NAVRAJ SINGH	CSE
27.	17J41A05M7	PINNINTI AVINASH REDDY	CSE
28.	17J41A05N0	SABAVATH SAILAJA	CSE
29.	17J41A05N3	SANIYA SARA	CSE
30.	17J41A05P0	VADLAPUDI SRI VYSHNAVI	CSE

Raveendh
Principal
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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

MEDISHETTI SATHWIK

*has Successfully Completed Multimedia 2D & 3D Basic Animation Offered by
Centre of Excellence, MREC(A) on 01/11/2019 bearing with
Roll No. 17J41A1229 and Branch IT.*

Dr.N.Rishikanth
COE Dean

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

Dr.S.Sudhakara Reddy
Conference Chair & Principal



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Certificate
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This is to Certify that

KASIREDDY SAI HARSHITH REDDY

*has Successfully Completed Multimedia 2D & 3D Basic Animation Offered by
Centre of Excellence, MREC(A) on 01/11/2019 bearing with
Roll No. 17J41A0226 and Branch EEE.*

Dr.N.Rishikanth
COE Dean

Principal
Malla Reddy Engineering College
Blaserramaguda, Dhulapally,
(Post via Kompally), Sec Bad 600100

Dr.S.Sudhakara Reddy
Conference Chair &Principal



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Certificate
Of the Course Completion

This is to Certify that

MATTAPALLI JAGADEESH KRISHNA

*has Successfully Completed Multimedia 2D & 3D Basic Animation Offered by
Centre of Excellence, MREC(A) on 01/11/2019 bearing with
Roll No. 17J41A05L9 and Branch CSE.*

Dr.N.Rishikanth
COE Dean

Principal
Malla Reddy Engineering College
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(Post Via Kotupally), Sec'bad-500100

Dr.S.Sudhakara Reddy
Conference Chair &Principal



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Certificate
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This is to Certify that

KANAPURAM SANDEEP REDDY

*has Successfully Completed Multimedia 2D & 3D Basic Animation Offered by
Centre of Excellence, MREC(A) on 01/11/2019 bearing with
Roll No. 17J41A04E8 and Branch ECE.*

Dr.N.Rishikanth
COE Dean

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

Dr.S.Sudhakara Reddy
Conference Chair &Principal



MALLA REDDY ENGINEERING COLLEGE
MAIN CAMPUS, AUTONOMOUS INSTITUTION



Certificate
Of the Course Completion

This is to Certify that

B.Swapna

*has Successfully Completed Multimedia 2D & 3D Basic Animation Offered by
Centre of Excellence, MREC(A) on 01/11/2019 bearing with
Roll No. 17J41A01C8 and Branch CE.*

Dr.N.Rishikanth
COE Dean

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

Dr.S.Sudhakara Reddy
Conference Chair &Principal