

Multimedia - 2D & 3D Basic Animations



MALLAREDDY ENGINEERING COLLEGE

(Autonomous)

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


CIRCULAR

Date: 15/08/2020

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, Multimedia - 2D & 3D Basic Animations, Green Matte Studio - Audio Effects/Transitions, Software's related to 3D Printing Selection of proper 3D Printing, Advanced JAVA in Centre Of Excellence. In this regard Interested students are hereby directed to register for these Courses online or before 20/08/2020. For further details, please contact Centre of Excellence, MREC(A)

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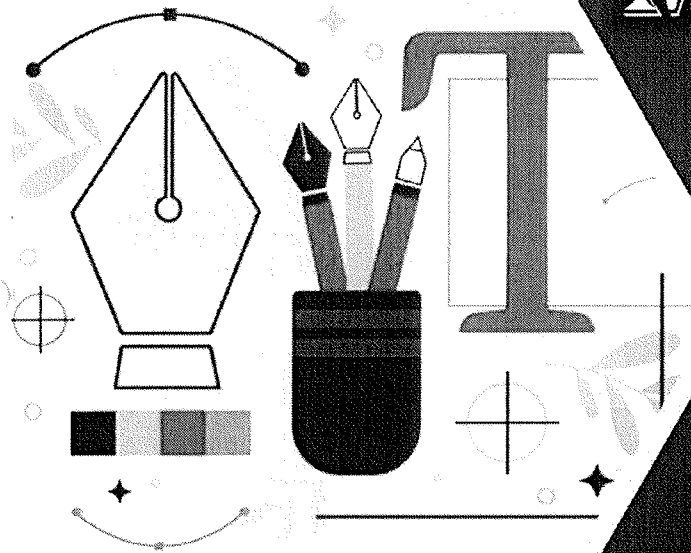
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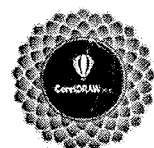
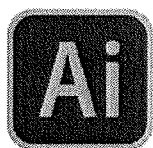
MULTIMEDIA




GRAPHICS



- ◆ 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 -: 04 Months

	<p style="text-align: center;">MALLA REDDY ENGINEERING COLLEGE (Autonomous) CENTRE OF EXCELLENCE</p>	
2D & 3D Animation		

Course Code: CFEEA06

Duration: 48 Hours

Course Objective: However, today's 2D animators make use of software in developing action sequences. In other words, characters are going to be more a realistic contrast to 2D characters. In 3D animation, everything is going to be done in available computer software.

UNIT-I:

12 Hours

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.

UNIT-II:

07 Hours

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.

UNIT-III:

08 Hours

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.

UNIT-IV:

07 Hours

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


UNIT-V:


08 Hours

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

Course Outcome: 2D animation implies that the object is two dimensional. It comprises of characters or objects only in height and width.

3D animation implies that the object it comprises of objects in height, width, and depth.


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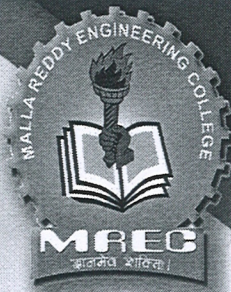
	<p align="center">MALLA REDDY ENGINEERING COLLEGE (Autonomous) Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100</p>	<p>Course:- Multimedia 2D 3D Animation Date: 17/08/2020 to 28/01/2020</p>
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Enrolled Students

SL.No	Roll No	NAME	BRANCH
1.	18J41A0108	BOBBALA SRINIVAS REDDY	CE
2.	18J41A0109	BUDEM GANESH	CE
3.	18J41A0110	B.CHANDU YADAV	CE
4.	18J41A0111	C.BHAVYA SINDHU	CE
5.	18J41A0112	CH.SHIVA	CE
6.	18J41A0113	D. DORASWAMY	CE
7.	18J41A0114	D.SHANTHI VARDHAN	CE
8.	18J41A0116	G.VIJAYA	CE
9.	18J41A1209	CHINNARAMAIAHGARI VAISHNAVI	IT
10.	18J41A1210	CHINNOLLA SATHVIK REDDY	IT
11.	18J41A1212	DHEEMA PRASAD	IT
12.	18J41A1213	DIPANKAR MAITI	IT
13.	18J41A1215	DUDUKURI VIKAS	IT
14.	18J41A1216	ESHA SHARMA	IT
15.	18J41A1217	GADDAM AKSHITHA	IT
16.	18J41A1218	GADDAM NIHAL REDDY	IT
17.	18J41A0211	DATLA SUSMITHA	EEE
18.	18J41A0212	DEEKONDA SHIVANI	EEE
19.	18J41A0213	DHANNAMANENI VAMSHI	EEE
20.	18J41A0214	ESLAVATH SOWMYA	EEE
21.	18J41A0215	GAJJELA PAVAN KUMAR	EEE
22.	18J41A0216	GALI PALLAVI	EEE
23.	18J41A0217	RAVIKUMAR GANDHAM	EEE
24.	18J41A0218	G. SAICHANDU	EEE
25.	18J41A0219	G DWARAKAMAYEE	EEE
26.	18J41A0310	DANAM SAISANATH	ME
27.	18J41A0311	DEVADI RAMA KRISHNA	ME
28.	18J41A0312	DHARAM KAMLEKAR BADRINATH	ME
29.	18J41A0313	DIDDI JAYANTH KUMAR	ME
30.	18J41A0314	DONGARI AKHIL	ME
31.	18J41A0315	ERRAVELLY SHYAM PRASAD	ME
32.	18J41A0316	G NINITHA	ME
33.	18J41A0317	GODISHALA SANTHOSH	ME
34.	18J41A0410	CHINTHAKUNTLA ADARSH REDDY	ECE
35.	18J41A0411	D.SAI VARDHAN	ECE
36.	18J41A0412	DASARI SAINATH REDDY	ECE
37.	18J41A0413	DONTULA GOPALA KRISHNA	ECE
38.	18J41A0414	D.VENNELA	ECE
39.	18J41A0416	G POOJITHA	ECE
40.	18J41A0417	G. DIVYA	ECE
41.	18J41A0418	K.S.V.S.GREESHMA	ECE
42.	18J41A0419	K. HARSHAVARDHAN REDDY	ECE
43.	18J45A2509	JAKKULA NAVEEN	MINI NG
44.	18J45A2510	K BALU NAIK	MINI NG
45.	18J45A2511	KANNAMALA VAMSI KRISHNA	MINI NG

46.	18J45A2512	KONDAPARTHI GOPI VAMSHI	MINI NG
47.	18J45A2513	KUNUSOTH SAI KUMAR	MINI NG
48.	18J45A2514	MADASU VINAY	MINI NG
49.	18J45A2515	MALLARAPU NARASIMHA	MINI NG
50.	18J45A2516	MANGALIPELLY SRIKANTH	MINI NG
51.	18J41A0508	BOLLAMPALLI RAKESH	CSE
52.	18J41A0509	BOYA NITHISHA	CSE
53.	18J41A0510	CHALVADI DHANUSH	CSE
54.	18J41A0511	CHAMARTHI KALYAN VARMA	CSE
55.	18J41A0512	CHILLAKANTI L NAGA SATYA NARASIMHA BHARGAV	CSE
56.	18J41A0513	DATHRIKA KARTHIK	CSE
57.	18J41A0514	DHONDI AKSHAYA	CSE
58.	18J41A0515	DODDIGUNTA DINESH	CSE
59.	18J41A0516	GADDAM ABHIRAM	CSE
60.	18J41A0517	GUJJARI ANIRUDH	CSE


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CERTIFICATE

OF COURSE COMPLETION

This is to Certify that

BOBBALA SRINIVAS REDDY

has Successfully Completed Multimedia 2D-3D Basic Animations

Course offered by Centre of Excellence,

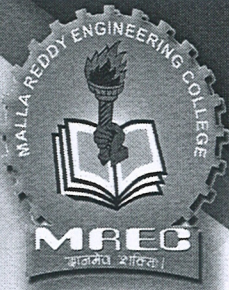
MREC(A) on 28/01/2021 bearing with

Roll No. 18J41A0108 and Branch CE.

N. RISHIKANTH
DEAN (COE)

Dr. A. Ravendra
Principal

Ravend
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CERTIFICATE OF COURSE COMPLETION

This is to Certify that

CHINNARAMAIAHGARI

*has Successfully Completed Multimedia 2D-3D Basic Animations
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*MREC(A) on 28/01/2021 bearing with
Roll No. 18J41A1209 and Branch IT.*

**N. RISHIKANTH
DEAN (COE)**

**Dr. A. Ravendra
Principal**

Ravend
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This is to Certify that

DHARAM KAMLEKAR

*has Successfully Completed Multimedia 2D-3D Basic Animations
Course offered by Centre of Excellence,*

*MREC(A) on 28/01/2021 bearing with
Roll No. 18J41A0312 and Branch ME.*

N. RISHIKANTH
DEAN (COE)

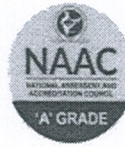
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Ravendra
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This is to Certify that

CHAMARTHI KALYAN VARMA

has Successfully Completed Multimedia 2D-3D Basic Animations

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Roll No. 18J41A0511 and Branch CSE.

**N. RISHIKANTH
DEAN (COE)**

**Dr. A. Ravendra
Principal**

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OF COURSE COMPLETION

This is to Certify that

MANGALIPELLY SRIKANTH

has Successfully Completed Multimedia 2D-3D Basic Animations

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MREC(A) on 28/01/2021 bearing with

Roll No. 18J45A2516 and Branch MINING.

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Dr.A.Ravendra
Principal

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