



# MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

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

## CIRCULAR

Date: 07/11/2017

All the 3<sup>rd</sup>/II Year/Sem students are hereby informed that the Malla Reddy Engineering College (Autonomous) is planning to organize Value Added Courses like Remote Controlled Robotics -II, Multimedia - 2D & 3D Basic Animations, Green Matte Studio - Audio Effects/Transitions, Anatomy of a 3D Printer, Live demo of 3D Printing, Advanced PYTHON in Centre Of Excellence. In this regard Interested students are hereby directed to register for this Courses on or before 12/11/2017. For further details, please contact Centre of Excellence, MREC(A)

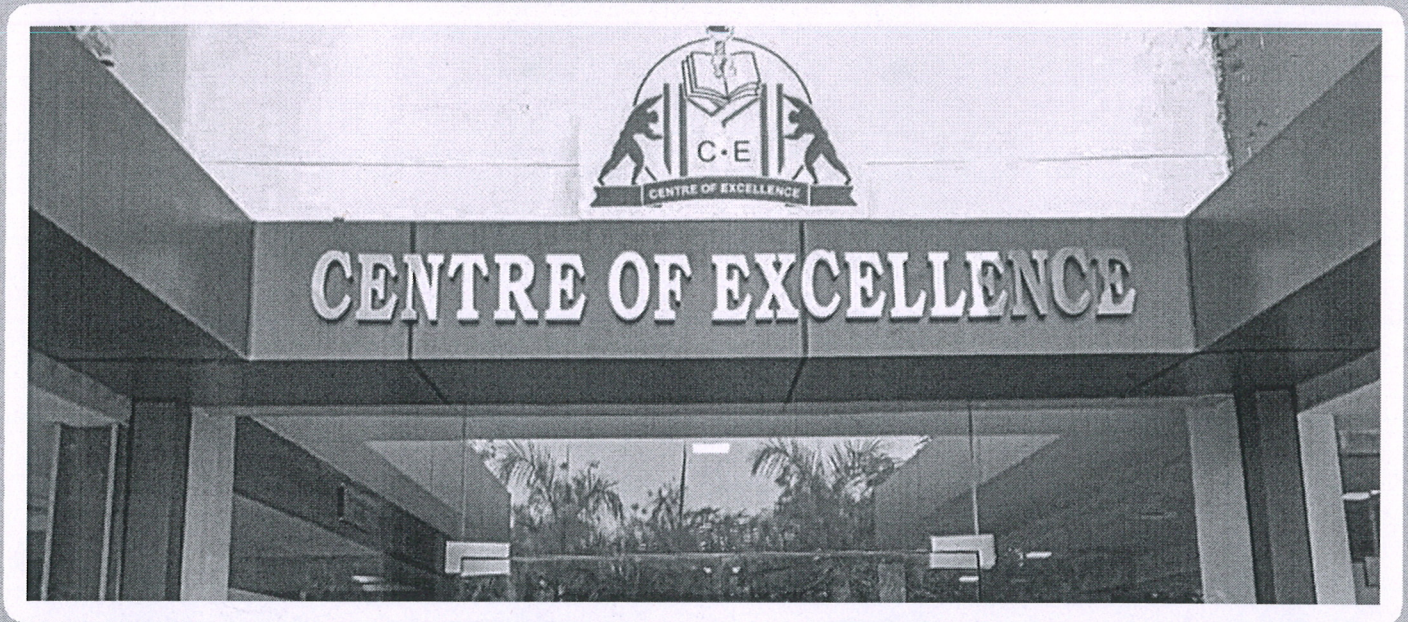
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**Principal**  
**Principal**  
**Malla Reddy Engineering College**  
**Malsammaguda, Dhulapally,**  
**(Post Via Kompally), Sec'bad-500100**



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



## **GREEN MATE STUDIO**

**Green Matte Studio - Audio Editing Basics**

**Green Matte Studio - Audio Effects**

**Green Matte Studio - Audio Transitions**

**Green Matte Studio - Audio Editing**

**Green Matte Studio - Video Effects**

**Green Matte Studio - Video Transitions**

**Green Matte Studio - Video Editing**

**Course Duration -: 4 Months**

**Learn Green Mate Studio & Develop Your Skills.**

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



## **SYLLABUS**

	<b>MALLA REDDY ENGINEERING COLLEGE (Autonomous) CENTRE OF EXCELLENCE</b>	
<b>Green Matte Studio – Audio/ Video Transitions</b>		

### **MODULE-I:**

Sound design for animation, Historical voice talent in animation, Casting voice talent, Working with voice actors, Recording dialog, Synchronization, The role of music in animation, Functions of SFX in animation, Discussion on soundtracks in different animation films. Basic audio editing techniques and concepts, Conversion of files from one format to another, mono to stereo conversions, Audio special effects, Audio plug-ins.

### **MODULE-II:**

Introduction to digital audio workstation: Midi and digital sound, Basic mixing techniques, Introduction to mastering, Delivery formats. Components of a studio, Studio floor, Shooting with a single camera, Prepare a floor chart with flow of action, Movement, Camera set ups etc. Multi camera setup and studio lighting, Discuss motion control rigs and its application.

### **MODULE-III:**

Modern day travelling mattes and how they works: Luma-Key matte, Chroma-key matte, Difference mattes, Blue Screen matte, Green Screen mattes, etc. Green Vs. Blue screen, shadow matting, Poorly lit green screens and its problems, Pulling the Mattes, Different types of keyers.

### **MODULE-IV:**

Basic setups for shooting green screen: Lights: Key, Fill, Back, Side spill suppressor light, Matte keying fabrics and materials, Floodlights an umbrella lights, Lighting the backing, Lighting the talent, creating tracking markers for motion tracking, White balancing the camera before shooting,

### **MODULEV:**

Shooting with HD camera. Matching with background objects, Interacting with the background and objects. Project: Students should do two projects by shooting green screen and composite it with a background.



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Village,  
Medchal Mandal, Medchal-Malkajgiri  
District,  
Telangana State - 500100

Course:Green Matte Studio -  
Audio Effects/Transitions  
Date:12/11/2017 to  
07/04/2018

Registered Students

SL.No	Roll No	NAME	BRANCH
1	15J41A0103	ANNAMPATLA UMA RANI	CE
2	15J41A0109	BOYANNAGARI NAMRATHA	CE
3	15J41A0113	DEVARA SAI KRISHNA YADAV	CE
4	15J41A0119	GUDE VENKATA SAI KARTHEEK	CE
5	15J41A0126	KAMINI HIMANSHU	CE
6	15J41A0202	BATHINI PREM CHAND	EEE
7	15J41A0205	BODAS NAVEEN	EEE
8	15J41A0209	CHILAKAPATI LIKHITHA	EEE
9	15J41A0214	ELUVAKA GAYATRI	EEE
10	15J41A0221	GOPISHETTI SHIVA KRISHNA	EEE
11	15J41A0302	A SUNIL	ME
12	15J41A0305	AKSHAY S BABU	ME
13	15J41A0309	BUNADRI BHARATH KUMAR	ME
14	15J41A0315	D VIKAS CHOWDARY	ME
15	15J41A0321	GORLI SAIGURU PHANIDHAR	ME
16	15J41A0402	ARE NARESH	ECE
17	15J41A0405	CH SAI KRISHNA	ECE
18	15J41A0409	CHOWDI VIJAY KUMAR	ECE
19	15J41A0415	GHAZI FAZAL ABBAS	ECE
20	15J41A0422	K SAI MANEESH REDDY	ECE
21	15J41A2502	AKHILESH YADAV	MINING
22	15J41A2506	BODA SRIDHAR	MINING
23	15J41A2510	DOMMATI VAMSHI KRISHNA	MINING
24	15J41A2516	GOODELLI KRANTHI KUMAR	MINING
25	15J41A2524	KATHERLA RAKESH KUMAR	MINING
26	15J41A0502	ALLA JUGAL SAINATH	CSE
27	15J41A0505	BHUMANAPALLY ANJALI REDDY	CSE
28	15J41A0509	C MAHATHI	CSE
29	15J41A0515	GAJJELA KIREETI BABU	CSE
30	15J41A0521	KARISHMA GARIKAPALLI	CSE

*Raveesh*  
Principal  
Malla Reddy Engineering College  
Maisammaguda, Dhulapally,  
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## **SUMMARY**

### **Green matte Studios**

Shooting with a green screen involves filming a person or adding visual effects in front of a solid color. Then, by digitally removing or “keying out” that color, you can drop that scene onto the background of your choice in post-production. Removing the colored background is also referred to as “chroma keying.”

It is commonly used for weather forecast broadcasts in which a news presenter is usually seen standing in front of a large CGI map during live television newscasts, but it is really a large blue or green background. Using a blue screen, different weather maps are added on the parts of the image in which the colour is blue. If the news presenter wears blue clothes, their clothes will also be replaced with the background video. Chroma keying is also common in the entertainment industry for visual effects in movies and video games. Rotoscopy may instead be carried out on subjects that are not in front of a green (or blue) screen. Motion tracking can also be used in conjunction with chroma keying, such as to move the background as the subject moves.

Chroma key compositing, or chroma keying, is a visual-effects and post-production technique for compositing (layering) two images or video streams together based on colour hues (chroma range). The technique has been used in many fields to remove a background from the subject of a photo or video – particularly the newscasting, motion picture, and video game industries. A colour range in the foreground footage is made transparent, allowing separately filmed background footage or a static image to be inserted into the scene. The chroma keying technique is commonly used in video production and post-production. This technique is also referred to as colour keying, colour-separation overlay (CSO; primarily by the BBC), or by various terms for specific colour-related variants such as green screen or blue screen; chroma keying can be done with backgrounds of any colour that are uniform and distinct, but green and blue backgrounds are more commonly used because they differ most distinctly in hue from any human skin colour. No part of the subject being filmed or photographed may duplicate the colour used as the backing, or the part may be erroneously identified as part of the backing.

It is commonly used for weather forecast broadcasts in which a news presenter is usually seen standing in front of a large CGI map during live television newscasts, but it is really a large blue or green background. Using a blue screen, different weather maps are added on the parts of the image in which the colour is blue. If the news presenter wears blue clothes, their clothes will also be replaced with the background video. Chroma keying is also common in the entertainment industry for visual effects in movies and video games. Rotoscopy may instead be carried out on subjects that are not in front of a green (or blue) screen. Motion tracking can also be used in conjunction with chroma keying, such as to move the background as the subject moves.



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MAIN CAMPUS, AUTONOMOUS INSTITUTION



## Certificate

### Of the Course Completion

*This is to Certify that*

GOODELLI KRANTHI KUMAR

*has Successfully Completed Green Matte Studio - Audio Effects/Transitions  
Offered by Centre of Excellence, MREC(A) on 07/04/2018 bearing with*

*Roll No. 15J41A2516 and Branch MINING.*

*Yogesh*

Dr. Yogesh Madaria  
CONVENOR

*Raveesh*

*Jan*

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*

**D VIKAS CHOWDARY**

*has Successfully Completed Green Matte Studio - Audio Effects/Transitions  
Offered by Centre of Excellence, MREC(A) on 07/04/2018 bearing with*

*Roll No. 15J41A0315 and Branch ME.*

**Dr. Yogesh Madaria**  
CONVENOR

**Principal**  
**Malla Reddy Engineering College**  
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**Dr. S. Sudhakar Reddy**  
Conference Chair & Principal



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## Certificate

### Of the Course Completion

*This is to Certify that*

BATHINI PREM CHAND

*has Successfully Completed Green Matte Studio - Audio Effects/Transitions  
Offered by Centre of Excellence, MREC(A) on 07/04/2018 bearing with*

*Roll No. 15J41A0202 and Branch EEE.*

Dr. Yogesh Madaria  
CONVENOR

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

Dr. S. Sudhakara Reddy  
Conference Chair & Principal