# MALLA REDDY ENGINEERING COLLEGE

## (Autonomous)

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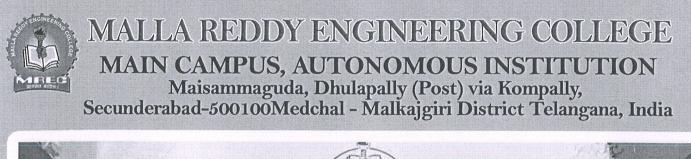
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## CIRCULAR

Date: 13/12/2018

All the 2$^{nd}$ /II Year/Sem students are hereby informed that the Malla Reddy Engineering College (Autonomous) is planning to organize Value Added Courses like Autonomous Robotics -II, Multimedia - 2D & 3D Basic Concepts, Green Matte Studio - Video Effects/Transitions, Different Technologies of Additive Manufacturing, Python with DJANGO, Foundations Of Blockchain, Labview 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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14. PA to Principal for Filling

# 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

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# Learn Green Mate Studio & Develop Your Skills.

# SYLLABUS

| | | |
|---|---|---|
| | **MALLA REDDY ENGINEERINGCOLLEGE** (Autonomous) **CENTRE OF EXCELLENCE** | |
| | **Green Matte Studio – Video  Transitions** | |

**MODULE I**

Basics of visual storytelling, Camera angles and movements, Use of light meter, Filters and flashes - Basic lighting techniques, Color temperature.

**MODULE II**

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, Shooting with HD camera. Matching with background objects, Interacting with the background and objects.

**MODULE V**

Project: Students should do two projects by shooting green screen and composite it with a background.

| | MALLA REDDY ENGINEERING COLLEGE (Autonomous) Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100 | Course:Green Matte Studio - Video Effects/Transitions |
|---|---|---|
| | | Date:17/12/2018 to 13/04/2019 |

## Registered Students

| SL.No | Roll No | NAME | BRANCH |
|---|---|---|---|
| 1. | 17J41A01E8 | MALAHA MOHITH | CE |
| 2. | 17J41A01H0 | TIKARAM DINESH KUMAR | CE |
| 3. | 17J41A1227 | M ROHIT | IT |
| 4. | 17J41A1229 | MEDISHETTI SATHWIK | IT |
| 5. | 17J41A1235 | NAVAKOTI RUGVED | IT |
| 6. | 17J41A1236 | NENAVATH RAKESH NAYAK | IT |
| 7. | 17J41A1240 | POCHUGARI PAVAN KALYAN REDDY | IT |
| 8. | 17J41A1244 | POTNURU LAKSHMI KUMARI | IT |
| 9. | 17J41A1249 | RODDA SREE CHARAN REDDY | IT |
| 10. | 17J41A1251 | PALEPU SARAYU | IT |
| 11. | 17J41A1255 | SUSHANTH SINGH THAKUR | IT |
| 12. | 17J41A0227 | KETHIRI SAI KRISHNA | EEE |
| 13. | 17J41A0235 | MOHAMMAD ABDUL SUMAIR MUSTHAFA | EEE |
| 14. | 17J41A0257 | YERRA HARISH | EEE |
| 15. | 17J41A0258 | YERRA VENKATA KAVYA | EEE |
| 16. | 17J41A03L8 | KONABONIA SURAJ | ME |
| 17. | 17J41A03M0 | KONDRU HARRIE VINCENT | ME |
| 18. | 17J41A03M6 | MADISETTI AJAY SAI | ME |
| 19. | 17J41A04E9 | KESAVARAJU VENKATA SREEKANTH | ECE |
| 20. | 17J41A04F0 | KETAVATH RAHUL | ECE |
| 21. | 17J41A04F6 | MANUPATI VIDYAVATHI | ECE |
| 22. | 17J41A04G1 | MULKURI MANUPAVAN | ECE |
| 23. | 17J41A04G6 | PUTTI DIVYA SREE | ECE |
| 24. | 17J41A05L9 | MATTAPALLI JAGADEESH KRISHNA | CSE |
| 25. | 17J41A05M0 | MEDURI SREEHITHA CHOWDARY | CSE |
| 26. | 17J41A05M5 | PENTUKAR MOUNIKA | CSE |
| 27. | 17J41A05M9 | RAMIDI SHARANYA | CSE |
| 28. | 17J41A05N0 | SABAVATH SAILAJA | CSE |
| 29. | 17J41A05N5 | SUHASH A | CSE |
| 30. | 17J41A01E8 | MALAHA MOHITH | CE |

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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.

# MALLA REDDY ENGINEERING COLLEGE

## MAIN CAMPUS, AUTONOMOUS INSTITUTION

## Certificate

## Of the Course Completion

### This is to Certify that

**MADISETTI AJAY SAI**

has Sucessfully Completed  Green Matte Studio - Video Effects/Transitions
Course Offered by Centre of Excellence, MREC(A) on ___13/04/2019___
bearing with Roll No. ___17J4A03M6___ and  Branch ___ME___.

**Dr.Yogesh Madaria**
CONVENOR

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

**Dr.S.Sudhakara Reddy**
Conference Chair &Principal

# MALLA REDDY ENGINEERING COLLEGE

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## Certificate

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*This is to Certify that*

### YARRA HARISH

*has Sucessfully Completed  Green Matte Studio - Video Effects/Transitions Course Offered by Centre of Excellence, MREC(A) on*  13/04/2019  *bearing with Roll No.*  17J4A0257  *and  Branch*  EEE  .

**Dr.Yogesh Madaria**
CONVENOR

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**Dr.S.Sudhakara Reddy**
Conference Chair &Principal

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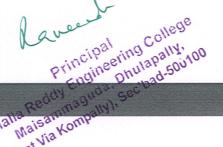
*This is to Certify that*

### SUHASH. A

*has Sucessfully Completed  Green Matte Studio - Video Effects/Transitions Course Offered by Centre of Excellence, MREC(A) on* 13/04/2019

*bearing with Roll No.* 17J4A035N5 *and  Branch* CSE .

**Dr.Yogesh Madaria**
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**Dr.S.Sudhakara Reddy**
Conference Chair &Principal

# MALLA REDDY ENGINEERING COLLEGE

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### This is to Certify that

**PALAEPU SARAYU**

has Sucessfully Completed  Green Matte Studio - Video Effects/Transitions
Course Offered by Centre of Excellence, MREC(A) on ___13/04/2019___
bearing with Roll No. ___17J4A1251___ and  Branch ___IT___.

**Dr.Yogesh Madaria**
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**Dr.S.Sudhakara Reddy**
Conference Chair &Principal

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### This is to Certify that

### MALAHA MOHITH

has Sucessfully Completed  Green Matte Studio - Video Effects/Transitions
Course Offered by Centre of Excellence, MREC(A) on _13/04/2019_
bearing with Roll No. _17J4A01E8_ and Branch _CE_.

**Dr.Yogesh Madaria**
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