MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

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

CIRCULAR

Date: 27/11/2019

All the 3rd /II Sem Year students are hereby informed that the Malla Reddy Engineering College (Autonomous) is planning to organize Value Added Courses like IOT,Motion Control Robots, Multimedia – VFX, Green Matte Studio - Video Effects/Transitions, Green Matte Studio - Video Effects/Transitions, Advanced PYTHON in Centre Of Excellence. In this regard Interested students are hereby directed to register for this Courses on or before 02/12/2019. 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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MALLA REDDY ENGINEERING COLLEGE

MAIN CAMPUS, AUTONOMOUS INSTITUTION

Maisammaguda, Dhulapally (Post) via Kompally,
Secunderabad-500100Medchal - 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

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Course Duration -: 4 Months

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:02/12/2019 to 28/03/2020

Registered Students

SL.No	Roll No	NAME	BRANCH
1.	17J41A0102	ANTHANNA GARI KARTHIK	CE
2.	17J41A0106	AZMEERA SRIRAM	CE
3.	17J41A0117	DHARAVATH NARENDAR	CE
4.	17J41A0124	GUGULOTHU DIVYA	CE
5.	17J41A0128	JAKKULA VAMSHI	CE
6.	17J41A1210	CHEEKOTI VINAYRAJ	IT
7.	17J41A1216	GAMPA AARTHI	IT
8.	17J41A1221	KARUKOLA NARSING RAO	IT
9.	17J41A1229	MEDISHETTI SATHWIK	IT
10.	17J41A1236	NENAVATH RAKESH NAYAK	IT
11.	17J41A0204	AYINAVILLI VENKATA SATYA PAVAN TEJA	EEE
12.	17J41A0210	BHUKYA SANDHYA	EEE
13.	17J41A0214	CHARUGUNDLA AMARNATH	EEE
14.	17J41A0225	KARUPOTHULA SREE NIKHILA	EEE
15.	17J41A0231	KUNCHALA DAYANANDAM	EEE
16.	17J41A03E6	GUNDEMONI VENU GOPAL	ME
17.	17J41A0384	GUDIPALLI VINAY REDDY	ME
18.	17J41A0403	BANKULLA NEHA REDDY	ECE
19.	17J41A0409	BURRA VINAY	ECE
20.	17J41A0416	GUMTE DHEERAJ	ECE
21.	17J41A0420	JADI SAI KUMAR	ECE
22.	17J41A0428	KASANI PRASHANTH	ECE
23.	17J41A0430	KOLLURI ADITYA SATYAKAM	ECE
24.	17J41A0434	M CHANDRA SHEKAR	ECE
25.	17J41A2518	KASIMALLA SRISAILAM	MINING
26.	17J41A2531	PANDIRI GOPI REDDY	MINING
27.	17J41A0589	KAPARTHI NITHISH CHANDRA	CSE
28.	17J41A0595	MANKALA VISHAL	CSE
29.	17J41A0599	NAGOLU MANASA	CSE
30.	17J41A05A5	PERUMANDLA SAI TEJA	CSE

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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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Certificate

Of the Course Completion

This is to Certify that

JADI SAI KUMAR

has Sucessfully Completed Green Matte Studio -Video Effects / Transition Offered by Centre of Excellence, MREC(A) on 28/03/2020 *bearing with Roll No.* 17J41A0420 *and Branch* ECE.

Dr.N.Rishikanth
COE Dean

Principal
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Dr.S.Sudhakara Reddy
Conference Chair &Principal

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This is to Certify that

KARUKOLA NARSING RAO

has Sucessfully Completed Green Matte Studio -Video Effects / Transition Offered by Centre of Excellence, MREC(A) on 28/03/2020 *bearing with Roll No.* 17J41A1221 *and Branch* IT.

Dr.N.Rishikanth
COE Dean

Dr.S.Sudhakara Reddy
Conference Chair &Principal

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This is to Certify that

KUNCHALA DAYANANDAM

has Sucessfully Completed Green Matte Studio -Video Effects / Transition Offered by Centre of Excellence, MREC(A) on 28/03/2020 *bearing with Roll No.* 17J41A0231 *and Branch* EEE.

Dr.N.Rishikanth
COE Dean

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This is to Certify that

MANKALA VISHAL

has Sucessfully Completed Green Matte Studio -Video Effects / Transition Offered by Centre of Excellence, MREC(A) on 28/03/2020 *bearing with Roll No.* 17J41A0595 *and Branch* CSE.

Dr.N.Rishikanth
COE Dean

Principal
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Dr.S.Sudhakara Reddy
Conference Chair &Principal

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This is to Certify that

PANDIRI GOPI REDDY

has Sucessfully Completed Green Matte Studio -Video Effects / Transition Offered by Centre of Excellence, MREC(A) on 28/03/2020 *bearing with Roll No.* 17J41A2531 *and Branch* MINING.

Dr.N.Rishikanth
COE Dean

Dr.S.Sudhakara Reddy
Conference Chair &Principal

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