MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

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

CIRCULAR

Date: 07/07/2017

All the 2nd/I Year/Sem students are hereby informed that the Malla Reddy Engineering College (Autonomous) is planning to organize Value Added Courses like Autonomous Robotics -I, Graphic Designing - I & II, Green Matte Studio - Audio Effects & Transitions, Design for Additive Manufacturing (Introduction to 3D Modeling), Data Science With R Programming, Foundations Of JAVA in Centre Of Excellence. In this regard Interested students are hereby directed to register for this Courses on or before 12/07/2017. 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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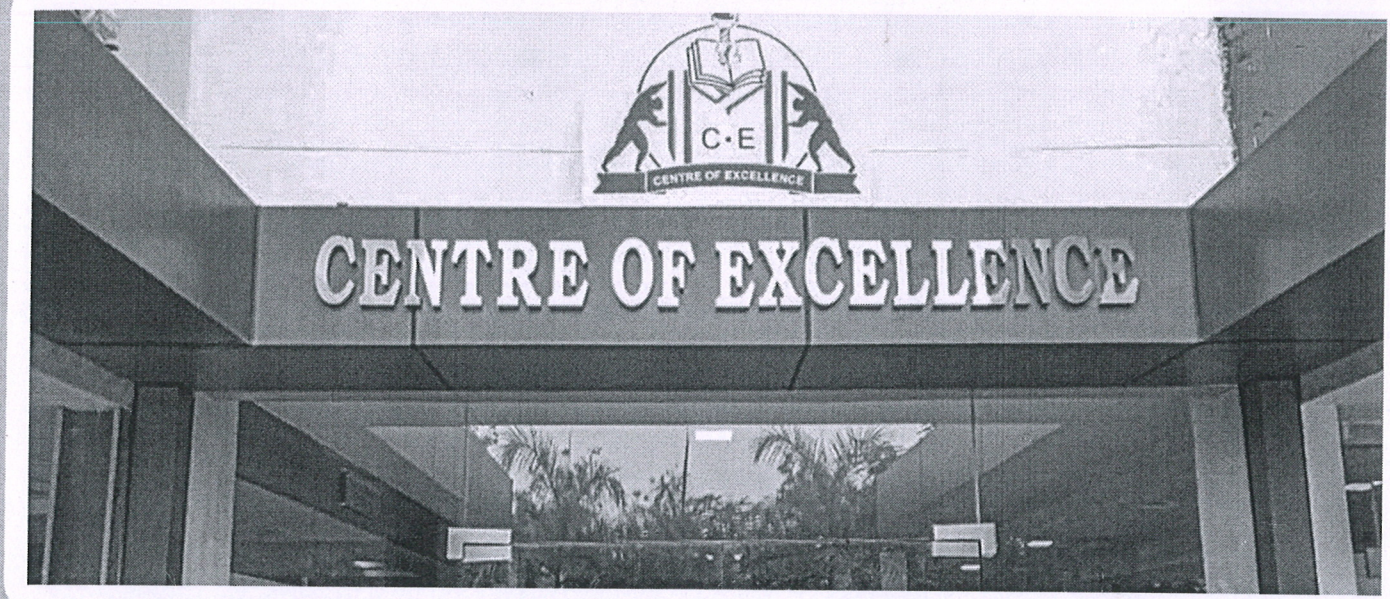
MALLA REDDY ENGINEERING COLLEGE

MAIN CAMPUS, AUTONOMOUS INSTITUTION

Maisammaguda, Dhulapally (Post) via Kompally,
Secunderabad-500100Medchal - Malkajgiri District Telangana, India



ADITIVE MANUFACTURING

Design for Additive Manufacturing(PDC)& (CREO)

Solid Based Additive Manufacturing(FDM)& (LOM)

Liquid Based Additive Manufacturing (SLA)

Powder Based Additive Manufacturing (SLS)
Rapid Prototyping - I , Rapid Prototyping - II

Course Duration -: 4 Months

Learn Aditive Manufacutring
& Develop Your Designing Skills.

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	MALLA REDDY ENGINEERINGCOLLEGE (Autonomous) CENTRE OF EXCELLENCE	B. Tech III Semester		
CODE:	Design for Additive Manufacturing	L	T	P

Introduction to Computers- Basic structure, CPU, Memory types, input devices, display devices, hard copy devices and storage devices. CAD Definition, CAD Process,CAD Softwares

Introduction To PTC Creo- Getting Started with Creo Parametric: Sketcher- Drawing a Sketch Using tools available in the Sketch Tab, Creating Fillets, Dimensioning the Sketch, Working with Constraints, Deleting, Trimming, Mirroring the Sketched Entities. Understanding the Orientation of Datum Planes - Default Datum Planes. Creating a 3D model by using the Extrude features: Extruding a Sketch,Depth options and Removing Material by Using the Extrude Tool , Creating a 3D model by using the Revolving features and Sweep Features
Creating Holes, Rounds, Chamfers, Ribs, Shell..etc

Introduction to Assembly- Inserting Components in an Assembly and Modifying the Components of an Assembly-Automatic, Default, Coincident, Distance..etc

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	MALLA REDDY ENGINEERING COLLEGE (Autonomous) Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100	Course:Design for Additive Manufacturing (Introduction to 3D Modeling) Date:12/07/2017 to 11/11/2017

Registered Students

SL.No	Roll No	NAME	BRANCH
1.	16J41A0163	ANIL KUMAR JANGID	CE
2.	16J41A0173	EDURUGATLA GOUTHAM	CE
3.	16J41A0176	GANDESRI BHARGAV	CE
4.	16J41A0180	GUDE LALITHADITYA	CE
5.	16J41A0184	GURRAM SAI VIKRAM	CE
6.	16J41A0232	KOTTAKONDA SAIRAM	EEE
7.	16J41A0236	M VISHAL	EEE
8.	16J41A0247	PENDAM BHARATH	EEE
9.	16J41A0252	SHAIK ANEEF	EEE
10.	16J41A0254	SHIVA PRASAD HOWJI	EEE
11.	16J41A0260	VINNAKOTA MADHU MANASA	EEE
12.	16J41A0365	BADIYA VIKAS	ME
13.	16J41A0369	BANOTHU REVANTH KUMAR	ME
14.	16J41A0375	DASYAM NIKHIL	ME
15.	16J41A0381	GORLLA NARESH	ME
16.	16J41A0387	KANDIKANTI TEJESH GOUD	ME
17.	16J41A0391	KHAN SALMAN SERAJ	ME
18.	16J41A0461	ADI ANDHRA GURURAJ	ECE
19.	16J41A0471	CHEPURI SUDHAKAR	ECE
20.	16J41A0472	CHUNCHU SAI RAM	ECE
21.	~~16J41A0477~~	~~G.E. RAJASEKHAR GOUD~~	~~ECE~~
22.	16J41A0481	JAMI RAKESH	ECE
23.	16J41A0484	KADARAM TRISHEELA	ECE
24.	16J41A0488	KANDHADI NIKHIL REDDY	ECE
25.	16J41A0566	BOINAPALLY HARSHITHA	CSE
26.	16J41A0570	DONTHULA AKHIL RAJ	CSE
27.	16J41A0576	GOVULA SURESH KOUSHIK	CSE
28.	16J41A0581	KAIRAMKONDA VIJAYA SREE	CSE
29.	16J41A0588	KORE SWAPNA	CSE
30.	16J41A0594	MARRI SAI KRISHNA	CSE

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Design for Additive Manufacturing

In this PTC Creo training course will teach you how to create sketch, parts, assembly and drawing file using the variety of tools in PTC Creo. This course is designed for the absolute beginner, meaning no previous experience with PTC Creo is required. If anyone wants to fill up his/her gap in PTC Creo, then this is also right course for them.

Once you have completed this training course, you will be fully capable of using these tools and techniques to create your own drawing and get control perfectly using this 3D modeling software. Working files are included, allowing you to follow along with the author throughout the lessons.

You will see different command panels like sketching, editing, constrain, dimension tools and inspection tools. You can also find various useful tools like fit view; zoom In, Zoom Out, repaint, and display style and Filters. And you can also find cut, copy and paste commands.

CREO(Formerly known as Pro/ENGINEER) is a product design software created by PTC for 2D/3D CAD, parametric, direct modelling. It also features simulation tools for analyzing the product's performance including structural, vibration, and thermal analysis. CREO is CAD/CAM software developed by PTC, Parametric Technology Corporation. Pro-e will cover the sketching, modeling, assembly, drafting sheet metal and the surface environments of pro-E wildfire.

Creo is a powerful, integrated family of product design software. It's used by thousands of leading manufacturers across the globe. It is a PTC product – the originators of parametric CAD technology. Creo Parametric is the essential tool for 3D CAD. It is state-of-the-art software, which promotes best practices in design and maintains your industry standards. Answer your pressing design challenges with Creo Parametric, with its fully-fledged powerful yet flexible 3D CAD abilities. Use it to accommodate multi-CAD data, electromechanical design and make alterations late in the design process. The PTC Creo suite includes product design and engineering software solutions. Creo runs on Microsoft Windows and provides apps for 3D CAD parametric feature solid modeling, 3D direct modeling, 2D orthographic views, Finite Element Analysis and simulation, schematic design, technical illustrations, and viewing and visualization.

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Certificate

Of the Course Completion

This is to Certify that

KHAN SALMAN SERAJ

has Sucessfully Completed Design for Additive Manufacturing (Introduction to 3D Modeling) Course Offered by Centre of Excellence, MREC(A) on 11/11/2017 *bearing with Roll No.* 16J41A0391 *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

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Of the Course Completion

This is to Certify that

EDURUGATLA GOUTHAM

has Sucessfully Completed Design for Additive Manufacturing (Introduction to 3D Modeling) Course Offered by Centre of Excellence, MREC(A) on 11/11/2017 *bearing with Roll No.* 16J41A0173 *and Branch* CE.

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Conference Chair &Principal

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This is to Certify that

PENDAM BHARATH

has Sucessfully Completed Design for Additive Manufacturing (Introduction to 3D Modeling) Course Offered by Centre of Excellence, MREC(A) on 11/11/2017 bearing with Roll No. 16J41A0247 and Branch EEE.

Dr.Yogesh Madaria
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