MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

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

CIRCULAR

Date: 04/07/2018

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), Foundations Of JAVA in Centre Of Excellence. In this regard Interested students are hereby directed to register for this Courses on or before 09/07/2018. 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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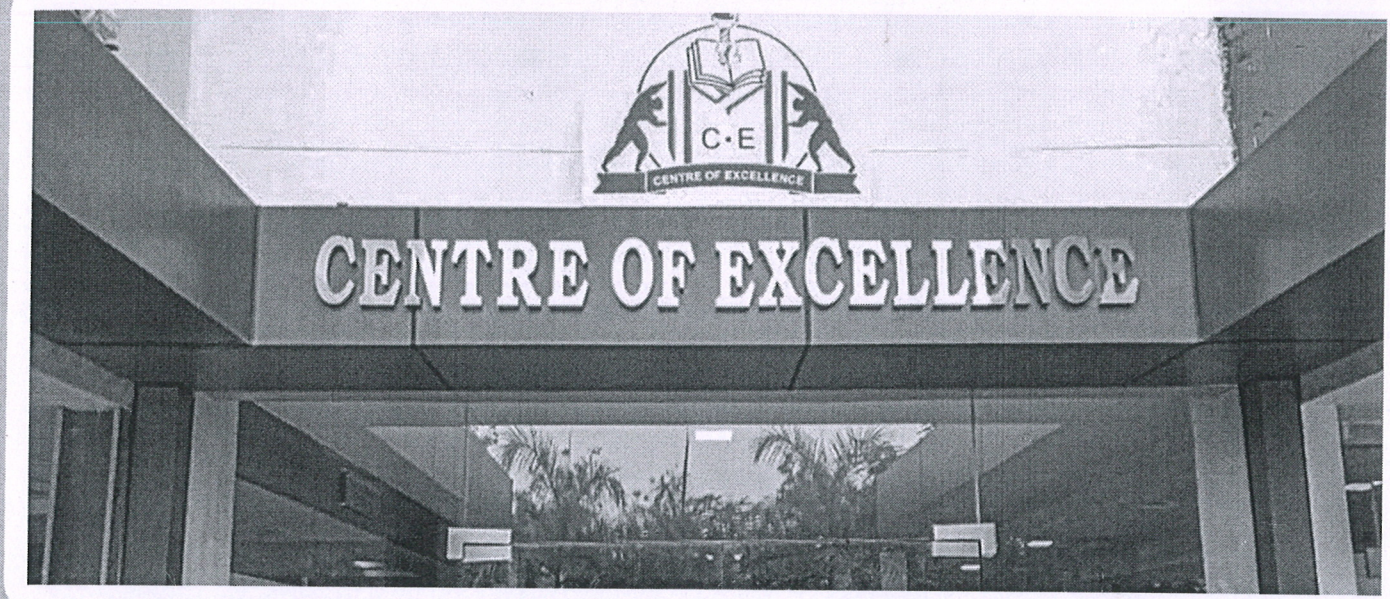
MALLA REDDY ENGINEERING COLLEGE

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:09/07/2018 to 10/11/2018

Registered Students

SL.No	Roll No	NAME	BRANCH
1.	17J41A0106	AREKANTI PRABHU DAS	CE
2.	17J41A0110	BODAKUNTA SRINIVAS	CE
3.	17J41A0122	GOPATHI AJAYKUMAR	CE
4.	17J41A0129	KANDUKURI DURGA SAI	CE
5.	17J41A1204	B SRUTHI	IT
6.	17J41A1210	CHEEKOTI VINAYRAJ	IT
7.	17J41A1215	GAJULA AKHILA	IT
8.	17J41A1220	K MOHANA DEEPTHI	IT
9.	17J41A1224	KUCHARIKANTI MANIKANTI MANIKANTA REDDY	IT
10.	17J41A0212	BONTALA VISHNU KUMAR	EEE
11.	17J41A0223	KAMMARI RAGHAVI	EEE
12.	17J41A0228	KODAKANDLA GAYATHRI	EEE
13.	17J41A0234	MECHINENI SINDHUJA	EEE
14.	17J41A0304	BADAVATH NAGENDRABABU	ME
15.	17J41A0309	CHUKKALA HARISH	ME
16.	17J41A0313	DANGETI SATYA SAI SRIKAR	ME
17.	17J41A0318	GARIMALLA PHANIVARMA	ME
18.	17J41A0324	KAMARTHI RAJESH	ME
19.	17J41A0403	BANKULLA NEHA REDDY	ECE
20.	17J41A0407	BINGI ESHWAR PRASAD	ECE
21.	17J41A0413	GANDHARI RITHIK REDDY	ECE
22.	17J41A0424	KALIDINDI SRINIVAS VIKAS	ECE
23.	17J41A0431	KONDURI ADIGOPI	ECE
24.	17J41A2503	BODAKUNTLA VIDYADHAR	MINING
25.	17J41A2515	KALAYANA SUBHASH KUMAR REDDY	MINING
26.	17J41A0502	AMBATI SONY	CSE
27.	17J41A0507	CHALAVADI SUMANTH	CSE
28.	17J41A0516	GUNDATI PRANAVI	CSE
29.	17J41A0523	KINNERA NAGA SAI CHARAN	CSE
30.	17J41A0532	MOHAMMED JUNAID	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

KALAYANA SUBHASH KUMAR REDDY

has Sucessfully Completed Design for Additive Manufacturing Course Offered by Centre of Excellence, MREC(A) on 10/11/2018 bearing with Roll No. 17J41A2515 and Branch MINING.

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

Of the Course Completion

This is to Certify that

KONDURI ADIGOPI

has Sucessfully Completed Design for Additive Manufacturing Course Offered by Centre of Excellence, MREC(A) on 10/11/2018 bearing with Roll No. 17J41A0431 and Branch ECE.

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

Of the Course Completion

This is to Certify that

MOHAMMED JUNAID

has Sucessfully Completed Design for Additive Manufacturing Course Offered by Centre of Excellence, MREC(A) on 10/11/2018 bearing with Roll No. 17J41A0532 and Branch CSE.

Dr.Yogesh Madaria
CONVENOR

Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally
(Post Via Kompally), Sec'bad-500...

Dr.S.Sudhakara Reddy
Conference Chair &Principal

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Certificate

Of the Course Completion

This is to Certify that

AREKANTI PRABHU DAS

has Sucessfully Completed Design for Additive Manufacturing Course Offered by Centre of Excellence, MREC(A) on 10/11/2018 *bearing with Roll No.* 17J41A0106 *and Branch* CE.

Dr.Yogesh Madaria
CONVENOR

Principal
Malla Reddy Engineering College
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Dr.S.Sudhakara Reddy
Conference Chair &Principal