MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

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

CIRCULAR

All the 2nd/I Sem Year students are hereby informed that the Malla Reddy Engineering College (Autonomous) is planning to organize Value Added Courses like Autonomous Robotics -I & II, 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 08/07/2019. For further details, please contact Centre of Excellence, MREC(A)
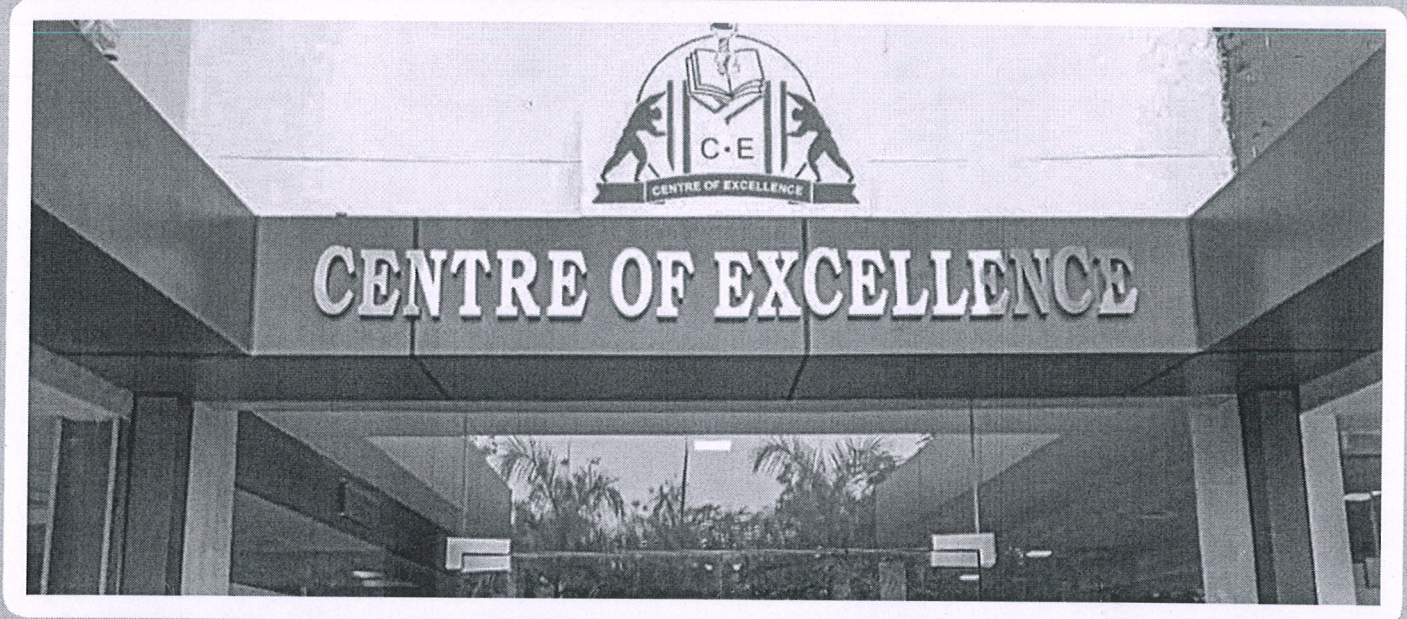
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MALLA REDDY ENGINEERING COLLEGE
MAIN CAMPUS, AUTONOMOUS INSTITUTION
Maisammaguda, Dhulapally (Post) via Kompally,
Secunderabad-500100Medchal - Malkajgiri District Telangana, India

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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Course: Design for Additive Manufacturing (Introduction to 3D Modeling)

Date:08/07/2019 to 01/11/2019

Registered Students

SL.No	Roll No	NAME	BRANCH
1.	18J41A0196	ANAGANDULA RAGHU	CE
2.	18J41A0103	SUREPALLI PRATHIMA	CE
3.	18J41A0110	B.Vivek vardhan	CE
4.	18J41A0116	C.Bhavya sindhu	CE
5.	18J41A0122	Gandham Sai sreenu	CE
6.	18J41A1203	APPIREDDY SAI RAM REDDY	IT
7.	18J41A1208	CHAMAKURA ACHYUTH REDDY	IT
8.	18J41A1212	DHEEMA PRASAD	IT
9.	18J41A1220	GANDE UJWAL KUMAR	IT
10.	18J41A0201	A.shruthi laya	EEE
11.	18J41A0208	B.Berushalam	EEE
12.	18J41A0214	Eslavath Sowmya	EEE
13.	18J41A0219	G Dwarakamayee	EEE
14.	18J41A0223	Hasthi sandesh kumar varma	EEE
15.	18J41A0231	Koppula lohith	EEE
16.	18J41A0308	CHALLA YESHWANTH	ME
17.	18J41A0318	GORLA ADARSH YADAV	ME
18.	18J41A0404	B.Pavan Kumar	ECE
19.	18J41A0408	B.Keerthana	ECE
20.	18J41A0412	Dasari Sainath Reddy	ECE
21.	18J41A0419	K. Harshavardhan Reddy	ECE
22.	18J41A0426	k.santosh	ECE
23.	18J45A2511	KANNAMALA VAMSI KRISHNA	MINING
24.	18J45A2521	RADHANDI SUDHEER BABU	MINING
25.	18J41A2506	BHUKYA SURESH	MINING
26.	18J41A05G2	MUTHOJU VASANTH	CSE
27.	18J41A0502	ARE CHAKRI	CSE
28.	18J41A0507	BIDAR PRANEEL	CSE
29.	18J41A0513	DATHRIKA KARTHIK	CSE
30.	18J41A0524	KALPURE NEEMA	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.

MALLA REDDY ENGINEERING COLLEGE

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Certificate

Of the Course Completion

This is to Certify that

Hasthi sandesh kumar varma

*has Sucessfully Completed Designing For Additive Manufacturing
Course Offered by Centre of Excellence, MREC(A) on* __01/11/2019__
bearing with Roll No. __18J41A0223__ *and Branch* __EEE__ .

Dr.N.Rishikanth
COE Dean

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

Dr.S.Sudhakara Reddy
Conference Chair &Principal

MALLA REDDY ENGINEERING COLLEGE

MAIN CAMPUS, AUTONOMOUS INSTITUTION

Certificate
Of the Course Completion

This is to Certify that

k.santosh

has Sucessfully Completed Designing For Additive Manufacturing
Course Offered by Centre of Excellence, MREC(A) on___01/11/2019___
bearing with Roll No._18J41A0426_ and Branch ____ECE____.

Dr.N.Rishikanth
COE Dean

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

Dr.S.Sudhakara Reddy
Conference Chair &Principal

MALLA REDDY ENGINEERING COLLEGE

MAIN CAMPUS, AUTONOMOUS INSTITUTION

Certificate

Of the Course Completion

This is to Certify that

ARE CHAKRI

has Sucessfully Completed Designing For Additive Manufacturing Course Offered by Centre of Excellence, MREC(A) on __01/11/2019__ *bearing with Roll No.* __18J41A0502__ *and Branch* __CSE__ .

Dr.N.Rishikanth
COE Dean

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

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Certificate

Of the Course Completion

This is to Certify that

CHALLA YESHWANTH

has Sucessfully Completed Designing For Additive Manufacturing Course Offered by Centre of Excellence, MREC(A) on 01/11/2019 *bearing with Roll No.* 18J41A0308 *and Branch* IT .

Dr.N.Rishikanth
COE Dean

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

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Certificate

Of the Course Completion

This is to Certify that

GORLA ADARSH YADAV

has Sucessfully Completed Designing For Additive Manufacturing
Course Offered by Centre of Excellence, MREC(A) on 01/11/2019
bearing with Roll No. 18J41A0318 *and Branch* ME .

Dr.N.Rishikanth
COE Dean

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

Dr.S.Sudhakara Reddy
Conference Chair &Principal