



KG REDDY

College of Engineering
& Technology

**Certificate Course in Mechanical Engineering
with Specialization
“CREO SOFTWARE”**

Held On

25th September to 29th September 2018



**Department of Mechanical Engineering,
KG Reddy College of Engineering & Technology**

Chilkur (Village), Moinabad (Mandal), Hyderabad RR Dist-501504

Course coordinator

Principal

Principal
KG Reddy College of Engineering & Technology
Chilkur (V), Moinabad (M).
R.R.Dist., Telangana.

SUMMARY REPORT ON CREO

About the Course

The certificate course on CREO is concluded its work successfully by department of Mechanical Engineering (ME) in KG Reddy college of Engineering and technology (KGR CET), Hyderabad, Telangana. This course is a forum to bring together students to discuss innovative ideas and diverse topics of this course on next generation of information technologies. Department has taken a new step for students to improve the quality of study through this course and become most wide scale , extensive, spectacular event in ME. The course was held in two locations of the department (a) Department E-learning room and (b) Department class.

This course is designed for new users who want to become proficient with Pro/ENGINEER Wildfire 5.0 as quickly as possible. It will focus on learning core-modeling skills in this comprehensive, hands-on course. Topics include understanding the interface and basic Pro/ENGINEER concepts, selecting and editing, sketching and sketcher tools, and basic feature creation. The course also includes a comprehensive design project that enables to practice the new skills by creating realistic parts. After completing the course it will be well prepared to work effectively on product design projects using Pro/ENGINEER Wildfire.

This course is absolutely practical oriented course which is helped to student for making their carrier through database in any industry. The students of 4th year 1st semester have been benefited in many ways from this course. More than 80 students have joined in this course as their own interest and completed this course. The trainer taught to students very nice with real time example and sharing his knowledge to develop technical skill in industry.

Objectives of the course

Learning the basic Pro/ENGINEER Design Process

- Understanding Pro/ENGINEER concepts
- Learning how to use the Pro/ENGINEER interface
- Selecting and editing items
- Sketching geometry and using tools
- Creating sketches for features
- Creating datum planes and datum axes
- Creating extrudes, revolves, and ribs
- Utilizing internal sketches and embedded datums
- Creating sweeps and blends
- Creating holes, shells, and drafts
- Creating rounds and chamfers
- Comprehensive Design Project

Scope of the Course

Creo 2.0 has got vast scope. Many companies are now switching to Creo because of its Parametric, Easy UI, More enhanced tools, CAE features, In built simulate and Etc. features(like sheetmetal, Free Style). So get itself mastered in any one module of this software and get ready to rule in market. Also TVS, VECV, Eicher Motors works solely on Creo.

OUTPUT:

This course was not only shared the knowledge among students but also tied up with expert for upcoming course.

- Optimised for model-based enterprises.
- Increased engineer productivity.
- Better enabled concept design.
- Increased engineering capabilities.
- Increased manufacturing capabilities.
- Better simulation.
- Design capabilities for additive manufacturing.

Summary of Participants

- (a) Number of students attended this course: 78
(b) Number of student attend the exam: 78
(c) Number of certificate issued: 78

Day-1
25/09/18

Time: 09:00 AM to 10:00 AM

Inauguration of certificate course

The first day of certificate course started with welcoming and opening ceremony at the KGR CET conference Hall. The following dignitaries were representatives of the certificate course who were addressed and pointed out the importance on course with short welcoming speeches.

Welcome addressed by Dr. P. Pravuraj, HOD, H&S, KGR CET
About the certificate course by Principal Dr. R. S. Jahagirdar, KGR CET.
Importance of this course by expert trainer Mr. Raj Vaddepally, Hyderabad
Interaction with 4th year 1st semester students

Time: 10:00 AM to 04:15 PM

Creating a New Assembly by Assembling the Part Models

An assembly is created from one or more parts. The parts are located and assembled with respect to one another just as they are on a real product. An assembly can be used to:

- Check for fit between parts.
- Check for interference between parts.
- Capture bill of material information.

- Calculate the total weight of an assembly.

Understanding Solid Modeling Concepts

Pro/ENGINEER Wildfire enable to create solid model representations of the part and assembly models.

Solid Models:

- Are realistic visual representation of designs.
- Contain properties such as mass, volume, and center of gravity.
- Can also be used to check for interferences in an assembly.

These virtual design models can be used to easily visualize and evaluate the design before costly prototypes are manufactured. The models contain material properties such as mass, volume, center of gravity, and surface area. As features are added or removed from the model, these properties update. For example, if it adds a hole to a model, then the mass of the model decreases.

Day-2
26/09/18

Understanding Parametric Concepts

Pro/ENGINEER models are value driven, using dimensions and parameters to define the size and location of features within the model. If it changes the value of a feature dimension, that feature will update according to the change. The change then automatically propagates through to related features in the model, updating the entire part.

Understanding Associative Concepts

Bi-directional associativity means that all changes made to an object in any mode of Pro/ENGINEER are automatically reflected in every related mode. For example, a change made in a drawing is reflected in the part being documented in the drawing. That same change is also reflected in every assembly using that part model. It is important to understand that the associativity between different modes is possible because the part shown in a drawing is not copied into the drawing, but rather associatively linked to the drawing. Likewise, an assembly is not a large file containing copies of every part in the assembly, but rather a file containing associative links to every model used in the assembly.

Understanding Model-Centric Concepts

In a model-centric product development tool, the design model is the common source for all deliverables making use of that design model. This means that all downstream deliverables point directly to a common design model. The model is referenced as components in assemblies, views in a drawing, the cavity of a mold, geometry meshed in a FEM model, and so on.

Day-3
27/09/18

Understanding the Main Interface

Main Interface Theory

There are many different areas of the Pro/ENGINEER user interface that it uses when creating models. The areas that display depend upon the function being performed.

Understanding Model Tree Filters

Model Tree Filters Theory

The model tree contains a hierarchical list of features or components in the order created. It can filter what is displayed in the model tree both in terms of item display and feature types. The filtering of item display and feature types is controlled by the Model Tree Items dialog box, shown in the top-left figure. Open the Model Tree Items dialog box by clicking **Settings** from the top of the model tree, and then selecting **Tree Filters**.

Selecting Items using Direct Selection

Selecting Items using Direct Selection

After selecting features, geometry, or components in a model, assembly, or drawing, it able to make modifications to the selected items. Direct selection is one of the three basic methods of selection.

Using the Smart Selection Filter

Pro/ENGINEER automatically selects the Smart selection filter, if it is available. When using the Smart selection filter, the selection of features, geometry, or components is a nested process. This means you can select specific items of interest after the initial selection. There are two levels of selection when using the Smart Filter:

- Feature/Component Level
- Geometry Level

Day-4
28/09/18

Creating Coaxial Holes

Hole Creation Theory

When creating hole features on a model, it locates holes by selecting placement (primary) and offset (secondary) references. The first piece of geometry selected to place the hole is the placement reference. Next, it either select additional placement references or offset references to further dimensionally constrain the hole feature. The type of geometry selected as the placement reference determines the type of hole being created.

Creating Linear Holes

Hole Creation Theory

When creating hole features on a model, it locates holes by selecting placement (primary) and offset (secondary) references. The first piece of geometry selected to place the hole is the placement reference. Next, it either selects additional placement references or offset references to further dimensionally constrain the hole feature. The type of geometry selected as the placement reference determines the type of hole being created.

Understanding Connection Theory

A mechanical connection is a method of constraining components so they form a joint. Joint connection examples include Sliders, Pins, and Cylinders. Creating a Joint connection is similar to creating Assembly constraints between components. Joint connections enable it to create true-to-life connections between components so it can simulate motion between moving parts. For example, it can create a slider joint between an engine cylinder and the piston head so the piston head can translate within the cylinder.

Dragging Connected Components

One method of testing assembly connections is to drag the assembly through its range of motion. To drag an assembly, click Drag Components and then click a part model. It can select edges, points, axes, datum planes, or surfaces to initiate the dragging movement.

Day-5
29/09/18

Creating New Drawings using Drawing Templates

Like part and assembly templates, a drawing template provides it with a starting point to create drawings. It uses drawing templates when it wants to create a standardized drawing. Drawing templates can automatically create views, set the desired view display and view options, display formats, and show model dimensions based on the template. It can configure Pro/ENGINEER to use a default drawing template when creating a new drawing, or it can select a different one. A drawing template is shown in the upper figure, while a drawing created using the drawing template is shown in the lower figure. The views created within a drawing that uses a template are determined from the model's view orientations. It should consider drawing view orientations when creating the models.

Moving Views

By default, when views are placed on a drawing they cannot be moved. They are locked to the drawing. It can unlock drawing views for movement in the drawing by selecting a view, right-clicking, and toggling the Lock View Movement option. The toggle for locking view movement is a system setting rather than an individual drawing view setting. If one view is unlocked, all views are unlocked.

Once views are unlocked, a drawing view can be moved according to any parent/child relationships that exist between views. Since a general view has no parent views, it can be moved anywhere on the drawing. When a general view is moved, any child views move accordingly. A child view, on the other hand, can only move according to the angle of projection from the parent view.



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College of Engineering
& Technology

Ref No: KGR CET/ME/2018-19/11

Date: 20/09/2018

CIRCULAR

All the IV-Year I-semester B. Tech Mechanical Engineering students are here by informed to enroll for the certification course on “CREO SOFTWARE”, which is offering by KG Reddy college of Engineering and Technology from 25/09/2018 to 29/09/2018. Interested students are instructed to complete their registration before 23/09/2018.



HOD

Copy to:

1. Exam Section
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3. Library



Principal

Principal
KG Reddy College of Engineering & Technology
Chilkur (V), Moinabad (M).
R.R.Dist., Telangana.



KG REDDY

College of Engineering
& Technology

KG REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

Chilkur (Vill) Moinabad (Mdl) R R Dist

DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE COURSE ON CREO

SCHUDULE

Day	Date	Timings	Topic name
1	25/09/18	09:00 to 11:00	Introduction to CREO
		11:10 to 01:00	Fundamentals of CAD
		01:45 to 02:50	CREO Parametric Interface
		02:50 to 04:15	File, View and Display functions
2	26/09/18	09:00 to 11:00	Feature Based Modeling
			Model tree and working with models
		11:10 to 01:00	Sketcher basics
		01:45 to 02:50	Manipulating Sketches within the sketcher
3	27/09/18	02:50 to 04:15	Part modeling
		09:00 to 11:00	Base Feature
		11:10 to 01:00	Engineering features
		01:45 to 02:50	Edit Features.
4	28/09/18	02:50 to 04:15	Datum Features
		09:00 to 11:00	Detailing
		11:10 to 01:00	Creating drawing
		01:45 to 02:50	Working with drawing sheets
5	29/09/18	02:50 to 04:15	Annotating the drawing
		09:00 to 11:00	Design Assembly
		11:10 to 01:00	Creating assemblies
		01:45 to 02:50	Placing Components
		02:50 to 04:15	Manipulating components



DEPARTMENT OF MECHANICAL ENGINEERING
CERTIFICATE COURSE ON CREO
ATTENDANCE SHEET

S.No	Roll No.	Student name	Date									
			25.09.18		26.09.18		27.09.18		28.09.18		29.09.18	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	15QM1A0301	Abdul Jaber	Jab	Abd	Jab	Abd	Jab	Abd	Jab	Abd	Jab	Abd
2	15QM1A0302	Anumari Shiva Kumar	S	K	S	K	S	K	S	K	S	K
3	15QM1A0303	B Naresh Kumar	N	K	N	K	N	K	N	K	N	K
4	15QM1A0304	B Praveen Yadav	P	Y	P	Y	P	Y	P	Y	P	Y
5	15QM1A0305	B V Reddy	V	R	V	R	V	R	V	R	V	R
6	15QM1A0306	B Deepak Kumar	D	K	D	K	D	K	D	K	D	K
7	15QM1A0307	Bhukya Rajesh	Raj	B	Raj	B	Raj	B	Raj	B	Raj	B
8	15QM1A0308	Boini Kumar	K	B	K	B	K	B	K	B	K	B
9	15QM1A0309	Bokkala Manoj	M	K	M	K	M	K	M	K	M	K
10	15QM1A0311	B Ranjith Kumar	R	K	R	K	R	K	R	K	R	K
11	15QM1A0313	C Rahul Chowdary	R	C	R	C	R	C	R	C	R	C
12	15QM1A0314	C Surender Kumar	S	K	S	K	S	K	S	K	S	K
13	15QM1A0315	Chirra Mahesh Reddy	M	C	M	C	M	C	M	C	M	C
14	15QM1A0317	G Tanya Psalms	T	G	T	G	T	G	T	G	T	G
15	15QM1A0318	Goli Rohith Reddy	R	G	R	G	R	G	R	G	R	G
16	15QM1A0320	Gyanaji Vineeth Reddy	V	G	V	G	V	G	V	G	V	G
17	15QM1A0326	K Shivamahesh	S	K	S	K	S	K	S	K	S	K
18	15QM1A0327	Kalaboina Sourav	S	K	S	K	S	K	S	K	S	K
19	15QM1A0328	K V Reddy	V	K	V	K	V	K	V	K	V	K
20	15QM1A0330	Khan Fahad Ahsan	F	K	F	K	F	K	F	K	F	K
21	15QM1A0331	Krishna Kumar	K	K	K	K	K	K	K	K	K	K
22	15QM1A0332	L Krishna Reddy	K	L	K	L	K	L	K	L	K	L
23	15QM1A0333	M V Vardhan Reddy	V	M	V	M	V	M	V	M	V	M
24	15QM1A0334	Mahankali Abhishek	A	M	A	M	A	M	A	M	A	M
25	15QM1A0336	Mandala Ashish	A	M	A	M	A	M	A	M	A	M
26	15QM1A0341	Mijanur Sk	M	S	M	S	M	S	M	S	M	S
27	15QM1A0342	Md Hamed Siddiqui	H	M	H	M	H	M	H	M	H	M
28	15QM1A0344	Md Abdullah Altamash	A	M	A	M	A	M	A	M	A	M
29	15QM1A0346	Mohd Zahid Ansari	Z	M	Z	M	Z	M	Z	M	Z	M
30	15QM1A0347	N Ashok Kumar	A	N	A	N	A	N	A	N	A	N
31	15QM1A0348	P Suchein Kumar	S	P	S	P	S	P	S	P	S	P
32	15QM1A0350	Rachakonda Sravanth	R	S	R	S	R	S	R	S	R	S
33	15QM1A0353	Reddy Sai Raja	Sai	R	Sai	R	Sai	R	Sai	R	Sai	R
34	15QM1A0355	Sangishetty Sravan	S	S	S	S	S	S	S	S	S	S
35	15QM1A0359	Syed Khaled Quadri	K	S	K	S	K	S	K	S	K	S
36	15QM1A0360	Talib Alam	T	A	T	A	T	A	T	A	T	A
37	15QM1A0361	V Venkata Chary	V	C	V	C	V	C	V	C	V	C

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38	15QM1A0362	Y Y Nagendra Babu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39	15QM1A0363	Md Touret Ansari	Touret	Touret	Touret	Touret	Touret	Touret	Touret	Touret	Touret	Touret	Touret
40	13QM1A0351	M Thottempudi	M	M	M	M	M	M	M	M	M	M	M
41	14QM1A0304	Atluri Venkat Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy
42	14QM1A0306	Boini Mahesh Yadav	B	B	B	B	B	B	B	B	B	B	B
43	14QM1A0322	Ismail Ali	Ismail	Ismail	Ismail	Ismail	Ismail	Ismail	Ismail	Ismail	Ismail	Ismail	Ismail
44	14QM1A0332	K Goutham Kumar	K	K	K	K	K	K	K	K	K	K	K
45	14QM1A0334	Kolan Sandeep Reddy	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep
46	14QM1A0346	M S S V Raju Yadav	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju
47	14QM1A0348	Md Imran Khan	Khan	Khan	Khan	Khan	Khan	Khan	Khan	Khan	Khan	Khan	Khan
48	14QM1A0349	Md Athir Suhaib	Athir	Athir	Athir	Athir	Athir	Athir	Athir	Athir	Athir	Athir	Athir
49	14QM1A0351	Md Nadeem Pasha	Nadeem	Nadeem	Nadeem	Nadeem	Nadeem	Nadeem	Nadeem	Nadeem	Nadeem	Nadeem	Nadeem
50	14QM1A0352	Mohd Nizam Uddin	Nizam	Nizam	Nizam	Nizam	Nizam	Nizam	Nizam	Nizam	Nizam	Nizam	Nizam
51	14QM1A0353	Mohd Sajid Ali	Sajid	Sajid	Sajid	Sajid	Sajid	Sajid	Sajid	Sajid	Sajid	Sajid	Sajid
52	14QM1A0356	Narkuda Sai Kumar	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai
53	14QM1A0357	N Gopal Krishnaiah	Krishnaiah	Krishnaiah	Krishnaiah	Krishnaiah	Krishnaiah	Krishnaiah	Krishnaiah	Krishnaiah	Krishnaiah	Krishnaiah	Krishnaiah
54	14QM1A0360	P Sreedhar Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy
55	14QM1A0366	Sama Sai Nath Reddy	Nath	Nath	Nath	Nath	Nath	Nath	Nath	Nath	Nath	Nath	Nath
56	14QM1A0367	Samir Alam	Alam	Alam	Alam	Alam	Alam	Alam	Alam	Alam	Alam	Alam	Alam
57	14QM1A0368	Satay Prakash	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash
58	14QM1A0377	Syed Mustafa	Mustafa	Mustafa	Mustafa	Mustafa	Mustafa	Mustafa	Mustafa	Mustafa	Mustafa	Mustafa	Mustafa
59	14QM1A0378	Sayed Nayazul Hasan	Hasan	Hasan	Hasan	Hasan	Hasan	Hasan	Hasan	Hasan	Hasan	Hasan	Hasan
60	14QM1A0381	T Harshith Kumar	Harshith	Harshith	Harshith	Harshith	Harshith	Harshith	Harshith	Harshith	Harshith	Harshith	Harshith
61	16QM5A0301	A Sai Ram Goud	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram
62	16QM5A0302	Anagalla Sai Kumar	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai
63	16QM5A0303	Arrva Naveen Kumar	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
64	16QM5A0304	B Saikiran	Saikiran	Saikiran	Saikiran	Saikiran	Saikiran	Saikiran	Saikiran	Saikiran	Saikiran	Saikiran	Saikiran
65	16QM5A0305	Bhukya Venkatesh	Venkatesh	Venkatesh	Venkatesh	Venkatesh	Venkatesh	Venkatesh	Venkatesh	Venkatesh	Venkatesh	Venkatesh	Venkatesh
66	16QM5A0308	G Rajesh Goud	Goud	Goud	Goud	Goud	Goud	Goud	Goud	Goud	Goud	Goud	Goud
67	16QM5A0309	Goura Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh
68	16QM5A0310	K Ch. Shekhar Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy
69	16QM5A0311	Kindinla Chiranjeevi	Chiranjeevi	Chiranjeevi	Chiranjeevi	Chiranjeevi	Chiranjeevi	Chiranjeevi	Chiranjeevi	Chiranjeevi	Chiranjeevi	Chiranjeevi	Chiranjeevi
70	16QM5A0313	N Suryavara Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad
71	16QM5A0314	Nimbhavat Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan
72	16QM5A0315	Poloju Rajashekar	Rajashekar	Rajashekar	Rajashekar	Rajashekar	Rajashekar	Rajashekar	Rajashekar	Rajashekar	Rajashekar	Rajashekar	Rajashekar
73	16QM5A0316	Prasanna Kumar S	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar
74	16QM5A0317	Ramesh K	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh
75	16QM5A0318	Rameshwaram Sripal	Sripal	Sripal	Sripal	Sripal	Sripal	Sripal	Sripal	Sripal	Sripal	Sripal	Sripal
76	16QM5A0319	Rathod Pandu	Pandu	Pandu	Pandu	Pandu	Pandu	Pandu	Pandu	Pandu	Pandu	Pandu	Pandu
77	16QM5A0320	T V Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy	Reddy
78	16QM5A0321	Thella Sai Kumar	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai

Signature of The Coordinator



KG REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

Chilkur (Vill) Moinabad (Mdl) R R Dist

B.TECH IV Year I SEM, Sep - 2018

CREO SOFTWARE

OBJECTIVE EXAM

NAME B. Nareesh Kumar HALL TICKET NO

1 5 Q M 1 A 0 3 0 3

Answer all the questions. All questions carry equal marks. Time: 30min. 10 marks.

I choose correct alternative:

1. In CREO will add motion of part
 - 1) Yes
 - 2) No
 - a) Only 1 is correct
 - b) Only 2 is correct
 - c) both are correct
 - d) both are wrong
2. CREO drawing can be opened in AutoCAD
 - 1) Yes
 - 2) No
 - a) Only 1 is correct
 - b) Only 2 is correct
 - c) both are correct
 - d) both are wrong
3. In CREO the units of part be changed without changing the size of the part
 - 1) Yes
 - 2) No
 - a) Only 1 is correct
 - b) Only 2 is correct
 - c) both are correct
 - d) both are wrong
4. Before revealing the CREO brand, PTC referred to its project to revolutionize the CAD industry as
 - a) Project Green
 - b) Project Galaxy
 - c) Project Lightning
 - d) None of this
5. CREO means many things in different languages which is
 - a) To create
 - b) To believe
 - c) PTC's suite of design software
 - d) All of the above
6. Pro/Engineer has been rebranded, indicating that it's a first step on the path of CREO – what's the new name
 - a) CREO elements/direct
 - b) CREO elements/Pro
 - c) CREO elements/view
 - d) CREO elements/edit
7. Which button should you hold down when you want to change the sketching plane that is already selected
 - a) Ctrl
 - b) Tab
 - c) Shift
 - d) Alt
8. What is the minimum number of surfaces you must remove when adding a shell feature
 - a) 1
 - b) 2
 - c) 3
 - d) 4
9. What is the minimum number of section you must sketch when adding a blend feature
 - a) 1
 - b) 2
 - c) 3
 - d) 4
10. Feature in CREO refers to
 - a) Line
 - b) Circle
 - c) Geometric
 - d) Entity

10

a ✓
b ✓
a ✓
d ✓
d ✓
b ✓
d ✓
a ✓
b ✓
c ✓



KG REDDY

College of Engineering
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CERTIFICATE

Name: BHUKYA RAJESH

Registration No: 15QM1A0307

has successfully completed the prescribed requirements for the award of certificate course on "CREO" conducted by Mechanical Engineering held in month of September from 25/09/18 to 29/09/18 in the academic year 2018-2019.

Date: 29/09/18

Course Coordinator



Principal



KG REDDY

College of Engineering
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CERTIFICATE

Name: BOINI KUMAR

Registration No: 15QM1A0308

has successfully completed the prescribed requirements for the award of certificate course on "**CREO**" conducted by Mechanical Engineering held in month of September from 25/09/18 to 29/09/18 in the academic year 2018-2019.

Date: 29/09/18

Course Coordinator



Principal