


Date: 27th January 2022

NOTICE
MECHANICAL DESIGN USING CREO
VAT: 17

Career Development Centre in association with Department of Mechanical Engineering provides an opportunity to our students to learn CREO. PRO E (CREO) is CAD/CAM software developed by PTC, Parametric Technology Corporation. Ro-e will cover the sketching, modelling, assembly, drafting sheet metal and the surface environments of pro-E wildfire.

Details as follows:

Branch/Year	ME 3 rd Year
Organizer Department	Career Development Centre & Department of Mechanical Engineering
Date	21 st February to 19 th March 2022
Course Duration	40 Hours
Timings	2:00 P.M. – 5:00 P.M.
Course Coordinator	Mr. Vibhor Sharma
Venue	Vedanta Computer Lab (2 nd floor)


Gaurav Singh

Head - CDC
Career Development Centre
DIT University, Dehradun

To :

All Dean / Director / Head of Department

Chairman

Chancellor

Vice Chancellor

Pro Vice Chancellor

Manager Admin

HR Department

For information Please


Registrar
DIT University, Dehradun

VAT-17: Mechanical Design using CREO

Course: -B.Tech- ME & ME-AE-3rd Year

Venue:-Chanakya Seminar Hall

Organized By- Department of Mechanical Engineering **Date:**-21st February-19th March 2022

Duration: - 40 Hrs.

Timings: -4:00 PM to 6:00 PM

Objective of Creo Training:

Creo Training at Global Online Trainings makes you more productive than before. It is packed with number of new enhancements and capabilities to help you design the products of the future. Creo Parametric is the new user interface. It allows you to access the commands easily. It allows you to work with your model, define the geometry you want to do and streamlines the design process for you.

While you join for Creo Parametric Online Course, you will learn the core modeling skills & quickly become proficient with Creo Parametric 2.0,3.0,4.0. Topics includes sketching, part modeling, assemblies, drawings, & basic model management techniques. This training course also includes a comprehensive design project that enables you to practice your new skills by creating realistic parts, assemblies, & drawings.

Overview of Creo Training:

Below is the basic overview about Creo Training. The more information will be provided during the Creo Parametric Online course.

PRO E (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. Learn more about Pro E Training at Global Online Trainings.

2D Sketch: Creo Training

To learn about 2D Commands and how to use them, follow the below steps.

Open Creo parametric software. Click on new and select sketch then click on OK button. 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.

Why take this course

- This course starts with the basics and slowly takes you into the depth of designing and modelling.
- Almost all-important tools and commands are discussed that are used in industry.
- This course will help you to create your own designs and innovations.
- For any query and trouble, we are always available for you.

Prerequisites to learn Creo Training:

Mechanical/Automobile engineering students can learn Creo Training

Person having knowledge on Auto CAD, Pro -E can learn Creo Training

Any person having designing knowledge can learn Creo Training

Who this course is for:

- Anyone who wants to learn any computer aided designing.
- Individual who wants to learn the Creo/ProE software.
- Mechanical engineers and graduates who are interest is design.
- Working professionals who wants to enhance their skills on CAD software.
- Individuals wanting to get a better job via Creo design skills
- Individuals wanting to list Creo skills in their resume

Training Outcome:

- The students have Learnt how to create 2D sketches using commands such as lines, circles, arcs, rectangles etc.
- Have Learnt how to apply manual and automatic constraints to sketches.
- The students are able to Learn how to edit, move, copy, sketches.
- Created 3D models and shapes using commands such as extrude, revolve, sweep, blend, sweep blend, draft, fillet, chamfer, cutout etc.
- Learnt how to create drawings, projections and drafting of the models.
- Learnt how to assemble and apply constraints to different parts and components.



Course Outline

Chapter 1	Introduction	2 hours
Chapter 2	Sketching	3 hours
Chapter 3	parts	2 hours
Chapter 4	Modified tools	4 hours
Chapter 5	Editing tools	3 hours
Chapter 6	Assembly creation	3 hours
Chapter 7	Drawing View	2 hours
Chapter 8	Mechanism	2 hours
Chapter 9	Sheet Metal	4 hours
Chapter 10	Format Mark up and weld mate	3 hours
Chapter 11	Creo Stimulation & Analysis	2 hours



Registrar
DIT University, Dehradun

Annexure - I

Value added course Details (Academic Year: 2021-22)

VAT Course Name: Mechanical Design using CREO

VAT Code: VAT 17

Duration in Hours: 40

Number of Students Enrolled: 61

Number of Students Completed:60

Grades:

G= GOOD ; S = Satisfactory ; P = Poor ; W = Withdraw

Student ID	Student Name	Program/Course	Year	Passing Grade
180106026	SUMIT SINGH	Bachelor of Technology in Mechanical Engineering	3rd Year	G
180106045	ATHARV TIWARI	Bachelor of Technology in Mechanical Engineering	3rd Year	S
190106001	MALYAJ DWIVEDI	Bachelor of Technology in Mechanical Engineering	3rd Year	S
190106002	ISHANN AGARWAL	Bachelor of Technology in Mechanical Engineering	3rd Year	S
190106004	NIBHAN HASNAIN	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106005	PRATEEK SHARMA	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106006	PRATHAM SINGH GANGOLA	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106007	AAKASHDEEP SINGH	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106008	HAMMAD NAIAR	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106009	PRAGATI SAJWAN	Bachelor of Technology in Mechanical Engineering	3rd Year	S
190106010	VIBHOR DIMRI	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106011	KARTHIKEY SINGH	Bachelor of Technology in Mechanical Engineering	3rd Year	S
190106012	UTKARSH SINGH	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106014	DIVYANSHU RAWAL	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106015	AYUSH KUMAR SHARMA	Bachelor of Technology in Mechanical Engineering	3rd Year	S
190106016	DEEVANSH PRATAP SINGH	Bachelor of Technology in Mechanical Engineering	3rd Year	S
190106018	PRAKHAR GUPTA	Bachelor of Technology in Mechanical Engineering	3rd Year	S
190106019	SHASHWAT PRATAP SINGH	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106021	GAUTAM DARIYAL	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106022	PARTH SINGH	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106023	MAYANK RAWAT	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106025	ADITYA KUMAR MISHRA	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106027	LOMNESH PAL	Bachelor of Technology in Mechanical Engineering	3rd Year	S
190106028	PRABAL KANOJIA	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106029	ASHISH ARIDA	Bachelor of Technology in Mechanical Engineering	3rd Year	S
190106030	UPENDRA SINGH SOLANKI	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106031	MAYANK KUMAR	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106032	VAIBHAV JOSHI	Bachelor of Technology in Mechanical Engineering	3rd Year	S
190106042	ROHIT SINGH BISHT	Bachelor of Technology in Mechanical Engineering	3rd Year	S
190106043	MANU SHARMA	Bachelor of Technology in Mechanical Engineering	3rd Year	S
190106044	THAKUR PRASAD K.C	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106045	SHARAD PANDEY	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190106046	AKSAJ SHARMA	Bachelor of Technology in Mechanical Engineering	3rd Year	G
200106900	VIDHAN NAITHANI	Bachelor of Technology in Mechanical Engineering	3rd Year	G
200106901	NITIN DARMORA	Bachelor of Technology in Mechanical Engineering	3rd Year	G
200106904	KUMAR GAURAV	Bachelor of Technology in Mechanical Engineering	3rd Year	S
200106905	BASHAR ALI	Bachelor of Technology in Mechanical Engineering	3rd Year	G
200106906	FARMAAN KHAN	Bachelor of Technology in Mechanical Engineering	3rd Year	S
200106907	TEJASVI KUMAR	Bachelor of Technology in Mechanical Engineering	3rd Year	G
200106908	HARSH JOSHI	Bachelor of Technology in Mechanical Engineering	3rd Year	G
200106909	KUNAL BHARGAVA	Bachelor of Technology in Mechanical Engineering	3rd Year	S
200106910	ARIJIT KAR	Bachelor of Technology in Mechanical Engineering	3rd Year	S
200106911	AKARSH TYAGI	Bachelor of Technology in Mechanical Engineering	3rd Year	S
200106930	GARIMA SINGH	Bachelor of Technology in Mechanical Engineering	3rd Year	G
200106931	PIYUSH VERMA	Bachelor of Technology in Mechanical Engineering	3rd Year	G
190113001	VAIBHAV CHOUDHARY	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	G
190113002	YUVRAJ BISHT	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	G
190113003	HARSH UPADHYAY	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	G

190113004	ABHAY ARORA	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	S
190113005	VIVEK SINGH	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	G
190113006	ANKIT KHADKA MAGAR	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	S
190113007	ISHANT CHAUHAN	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	G
190113008	ANIKET NEGI	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	G
190113009	HARSH CHAUHAN	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	S
190113010	KARAN BISHT	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	S
190113011	VISHAL TAMTA	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	S
190113012	DEEPAK SINGH	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	G
190113013	DEEPAK JOSHI	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	G
200113900	WAQUAR AHMAD	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	G
200113901	ZUHER AHMAD	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	G
200113902	MOHD RAHID	Bachelor of Technology in Mechanical Engineering with Spl. In Automobile	3rd Year	P

Received
 Head - CDC
 Career Development Cell
 DIT University, Dehradun

Registrar
 DIT University, Dehradun