

ACA/R / 56	Department of Training and placement	Academic Year: 2022-2023
Rev : 00		Semester: EVEN
Date: 15.12.2016	Co-curricular Programme conduction Report	Date: 26/4/2023

Career Guidance Week

Career Guidance for Automobile & Mechanical Engineering Students

Date: 25 April 2023

Time: 05:00 PM To 06:00 PM

Online Google Meet link : <http://meet.google.com/jbi-khwq-psc>

Session Recording Link:

<https://share.vidyard.com/watch/gpoZF5d5gwVderK2Y8GPgn?autoplay=1&vyetoken=950fd99d-d950-43dc-ad51-f1ba5858e68e>

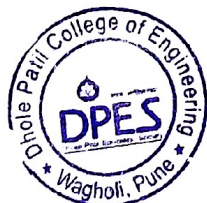
No. of Students Attended: 41

Under the guidance of Hon. Chairman Mr. Sagar Dhole Patil Sir, Hon. Sect Mrs. Uma Sagar Dhole Patil M'am and Director Mr. Rounak Sagar Dhole Patil Sir, Department of Training and Placement have arranged Career Guidance Week from 24th April to 29th April 2023. Under this activity Department of Training and Placement have arranged Career Guidance for Automobile and Mechanical Engineering Students on "**Skills and Opportunities in Automotive Industry for Design Engineers in the Present Scenario**" by alumni students of Automobile Engineering department on 26th April 2023 at 05:00 PM.

An expert **Mr. Aashay Ghodake** working as Design Engineer at **Impression System and Engineers Pvt Ltd, Pune**, alumni student from Automobile department of batch 2021-22 have given work flow of an engineer in the industry and skills & opportunities for design engineers.

Session started with introduction of an expert is given by motivation Mr. Aashay later given a very brief explanation on job profile, roles and responsibilities as a design engineer, that you're involved in the initial concept, design, development and management of projects in a range of sectors such as construction and the built environment, materials, software, components, machinery and vehicles.

To succeed you'll need strong technical knowledge, as well as problem solving, communication, leadership and project management skills.



Depending on specialist area, design engineers may also be known as CAD engineers, consulting engineers and product design engineers.

Types of design engineering

You can usually specialise in one area of design engineering, such as:

- chemical engineering
- civil engineering
- electrical engineering
- electronic engineering
- mechanical engineering
- product/industrial design engineering
- software engineering.

Responsibilities

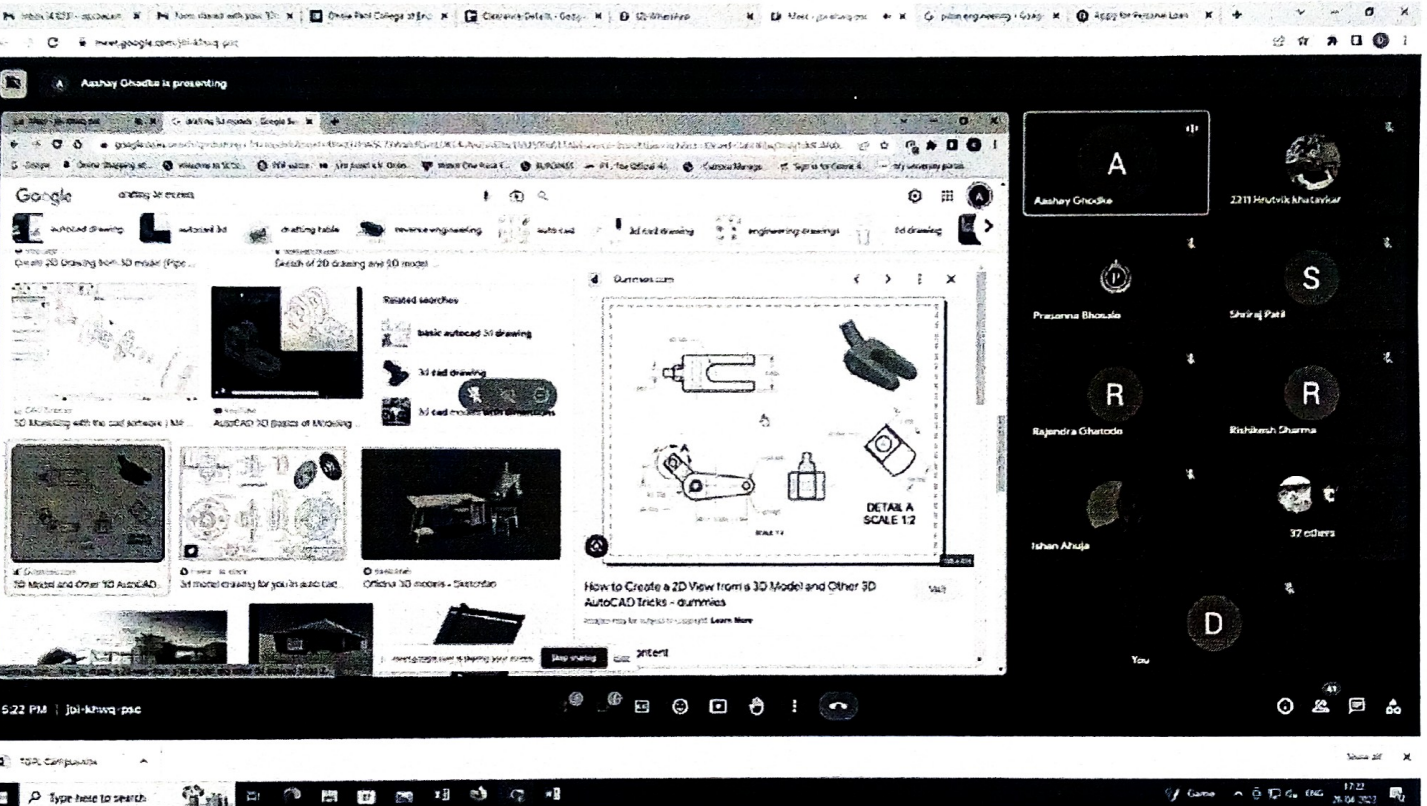
As a design engineer, you'll be required to:

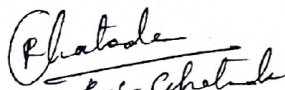
- liaise with clients to identify their requirements
- investigate and undertake analysis on how to improve existing projects or components
- summarise scientific and engineering principles in an easy to understand manner
- write technical reports to summarise findings
- cover the concept, specification, tender and development of new projects or components
- design the aesthetics, materials and functionality of components
- use CAD, CAN and CAM systems to design and visualise projects
- undertake model making, prototyping and product testing
- identify new systems and processes to drive quality, efficiency and save costs
- undertake complex calculations
- communicate effectively with the clients, colleagues and contractors involved in a project
- lead a team of engineers
- plan effectively to ensure projects are delivered on time, to standard and to budget.

Hence at the end of the webinar, doubt clearing session conducted wherein students asked about available courses to map the recent technologies in the existing and upcoming industry requirements and sectors of opportunities to get the job. And expert has offered an internship in his company as a design engineer and enlisted many companies where students can apply as a fresher level.



The scheduling and planning of career guidance week activity under the Training and Placement Cell is designed by **Dr. Abhijeet Dandavate** and **Prof. Rahul Udata**, so thank you both for your valuable guidance and providing platform to our alumni as an expert.





T & P Coordinator



T & P Officer



HoD

