

Department: Mechanical Engineering

Name of the Event: Expert lecture on "Use of CAD CAM concepts in 3D printing" by Dr. Vishal Gupta, Assistant Professor, Department of Mechanical Engineering, Thapar Institute of Engineering & Technology(Deemed to be University) Patiala - 147004

Date of the Event: 19th April, 2023

Name of the Resource Person (if applicable): Dr. Vishal Gupta, Assistant Professor, Department of Mechanical Engineering, Thapar Institute of Engineering & Technology(Deemed to be University) Patiala - 147004

Teacher Coordinator: Dr MP Garg, Associate Professor, Department of Mechanical Engineering, DAV University Jalandhar

Report:

The Department of Mechanical Engineering, organised an expert lecture on ‘Use of CAD CAM concepts in 3D printing

On April, 2023, the Mechanical Engineering department, hosted an expert lecture on “Use of CAD CAM concepts in 3D printing “to raise awareness and carrier opportunities in the CAD CAM and 3D Printing. Dr. Vishal Gupta, Assistant Professor, Department of Mechanical Engineering, Thapar Institute of Engineering & Technology(Deemed to be University) Patiala., was the resource person.

In the inaugural note, Dr. M P Garg, Associate Professor, Department of mechanical Engineering DAV University, welcomed the speaker and shared his views on entrepreneurial opportunities in India. He introduced the speaker to the audience and enlightened them about his work in CAD CAM..

Thereafter, the resource person, Dr. Vishal Gupta, started his presentation. He was more interested in interacting with the students and learning about their thoughts. He motivated the students to find the critical problem and work on the solution for it. He encouraged the students to start their own businesses and to collaborate. He asked the students to find the problems faced in the designing. He gave the example of the problem faced by designers in manufacturing and asked students to take initiative to solve it. In his lecture, he discussed various topics related to entrepreneurial opportunities in 3D printing, such as infrastructural development, health facilities, agriculture development, educational development, digital media and AI, market connectivity with the global world, agricultural processing, etc. He cited various examples in his presentation related to the topics discussed with the audience. He explains the basic mechanisms for starting a business, like identification of the target segment, level of problem solved, market competition, brand positioning, profitability, advertisement, and market support.

Dr. Sharanjit Singh, coordinator, Mechanical Engineering, thanked the speaker for sparing his valuable time to motivate the students.

Geotagged Pictures of the event:



Attendance Sheet of Students containing name of the event, department, type of the event, date on the top of the attendance sheet.

DAV University			
Attendance Sheet			
Course Name: <u>Use of CAD/CAM Concept in 3D Printing</u>		Course Code:	Program: B Tech. ME
Date of Examination: <u>19-04-2023</u>		Room No: <u>CAD Lab</u>	Section: <u>6115</u>
Department: Mechanical Engineering			
S. No.	Name	Reg. No.	Sign.
1	Mohinder Pal Garg	Faculty	<u>Mr -</u>
2	Sharanjit Singh	Faculty	<u>SRZ</u>
3	Ved Raj Khullar	Faculty	<u>SRZ</u>
4	Hargopal Singh	"	<u>H Singh</u>
5	Jayprakash Singh	12001476	<u>SRZ</u>
6	Harminder Singh	11900263	<u>SRZ</u>
7	Nardeep Sonar	12000170	<u>SRZ</u>
8	Subash Kumar Jha	11900769	<u>Subash</u>
9	Rohan Kumar	11900494	<u>Rohit Singh</u>
10	Jaskirat Singh	11900562	<u>Jaskirat</u>
11	Lovepreet	12100022	<u>Lovepreet</u>
12	Nirandeep Saini	12100484	<u>Niran</u>
13	Akash Singh	12100247	<u>Akash Singh</u>
14	Jyoti Singh	12100320	<u>Jyoti</u>
15	Darinder Singh	12100366	<u>SRZ</u>
16	Vikas	12000202	<u>Vikas</u>
17	Vipin Bansal	Faculty	<u>Hansraj</u>
18	Harish Garg	Faculty	<u>Garg</u>
19	Sunil Nijjar	Faculty	<u>Sunil</u>
20			

10323 SRZ

To

17/4/23

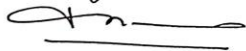
Dean (Science & Engg)
DAV University,
Jalandhar.

Subject: Guest Lecture

Sir,

This is to submit that it is proposed to conduct an expert lecture on "Use of CAD/CAM concepts in 3D printing" on 19/4/23 at 10:00 a.m. by Dr. Vishal ~~V~~ Gupta (TIET, Patiala). Kindly allow to conduct this lecture on zoom platform. There is no financial obligation for conduct of same.

Regards,



(Mohinder Pal Garg)
Associate Professor
Mechanical Engg.



Learning Outcomes:

1. Entrepreneurial Opportunities
2. Design and Development