



Sarvajanik Education Society
Sarvajanik University
Sarvajanik College of Engineering & Technology
Mechanical Engineering Department



Title of the Activity	Expert Talk on "Useful Software for Mechanical Engineering"
Organized by	Department of Mechanical Engineering, SCET, SU, Surat
Date	14 July 2026
Time	3:00 PM to 4:00 PM
Venue	CAD Lab, Mech Engg Dept
Resource Persons	• Mr. Keyur Chawda, Education Manager, Sopan Infotech Pvt. Ltd. • Mr. Ketan Dhongade, Senior Application Engineer, SIED (Sopan Infotech)
Target Audience	First Year B.Tech. Students
Number of Participants	18
Faculty Coordinators	Dr. Hiren A. Shah & Prof. Jainish Topiwala

Objectives

- To introduce students to industry-standard software used in Mechanical Engineering.
- To create awareness about CAD tools used for engineering design and product development.
- To provide practical exposure through live software demonstrations.
- To motivate students to develop industry-relevant software skills for enhanced employability.

Activity Summary

The Department of Mechanical Engineering, SCET, organized an expert talk on "Useful Software for Mechanical Engineering" on 14 July 2026. The session was delivered by Mr. Keyur Chawda and Mr. Ketan Dhongade from Sopan Infotech Pvt. Ltd.

The experts introduced students to widely used engineering software, including AutoCAD, SOLIDWORKS, and Fusion 360. They explained the importance of these tools in product design, engineering drawing, 3D modeling, manufacturing, and industrial applications.

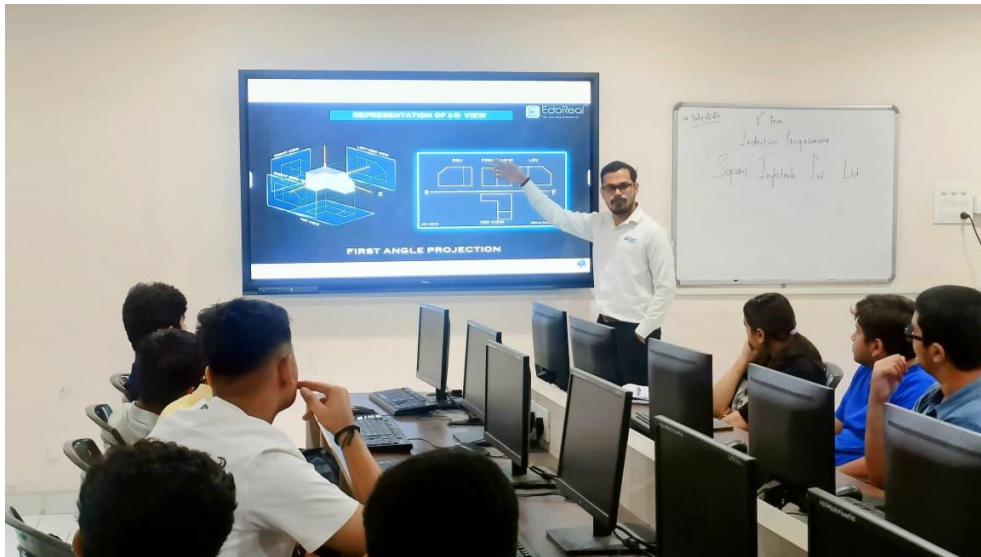
A live demonstration showcased the preparation of 2D engineering drawings, 3D part modeling, and basic assembly operations, helping students understand the practical workflow followed in industries. The speakers also highlighted career opportunities related to CAD/CAM software and emphasized the importance of acquiring software skills alongside academic knowledge.

The session concluded with an interactive question-and-answer session, where students actively participated and clarified their queries regarding software applications, certifications, and career prospects.

Learning Outcomes

- Understand the applications of AutoCAD, SOLIDWORKS, and Fusion 360 in Mechanical Engineering.
- Differentiate between 2D drafting and 3D modeling concepts.
- Gain practical exposure to engineering software through live demonstrations.
- Recognize the importance of CAD software in modern engineering industries.
- Appreciate the need for continuous skill development and software certification for career advancement.

Photographs





Attendance sheet



SARVA JANIK UNIVERSITY
Sarva Janik College of Engineering and Technology
Department of Mechanical Engineering



Expert Talk:

14 July 26.
Date:

Useful Softwares for Mechanical Engineering.

Sr. No.	Student's Name	Mobile No.	Signature
1	HARRY PATEL	8780906866	H.V.R
2	KRISH CHETANKUMAR MODI	9016949855	K-c-modi
3	AKSHAT CHIRAYUBHAI BHAGAT		
4	NIHIT KAMLESHBHAI PATEL	7043833976	NP
5	HENS PRAVINBHAI KEVADIYA	8200206679	Hens
6	VEERKUMAR KIRANKUMAR CHAPADIA	9712911500	veerkechadys
7	DIVY PADIA	88156026167	Piyush Padia
8	TIRTH ANAND KHAMNIWALA	9510222376	Tirth
9	BHAVYA VISHALKUMAR TOPIWALA	9274813787	ghanye
10	PREET MOHITBHAI BHADIYADRA	8000907816	preet M. Bhadiyadra
11	DHRUV JARIWALA 9825530615	Dhruv Jarimal	DE
12	KRISH JIGNESHBHAI KOLADIYA	9512842424	Kush
13	JEELKUMAR CHETANBHAI PATEL		
14	VED RAJESH LATHIYA		
15	GARDHARIA KETUL HIMANSHUBHAI	8799550377	Ketul
16	KAYAAN VAIDYA	8128478799	Kayadys
17	Kaisha Chitvan Desai	9106901790	Kesai
18	Narishal Pare	8140621777	Narishal
19			

સ્કેટમાં લાઇવ ડેમો દ્વારા સોફ્ટવેરનું પ્રાયોગિક નિદર્શન

**મિકેનિકલ
એન્જિનિયરિંગમાં
ઉપયોગી સોફ્ટવેર
વિષય પર નિષ્ણાત
વ્યાખ્યાન**

સુરત, તા. ૧૫

સાર્વજનિક યુનિવર્સિટી સંચાલિત સાર્વજનિક કોલેજ ઓફ એન્જિનિયરિંગ એન્ડ ટેકનોલોજી (SCET), સુરતના મિકેનિકલ એન્જિનિયરિંગ વિભાગ દ્વારા તા. ૧૪ જુલાઈ, ૨૦૨૬ ના રોજ "મિકેનિકલ એન્જિનિયરિંગમાં ઉપયોગી સોફ્ટવેર" વિષય પર નિષ્ણાત વ્યાખ્યાનનું આયોજન કરવામાં આવ્યું હતું. કાર્યક્રમમાં Sopan Infotech Pvt. Ltd.ના શ્રી કેપુર ચાવડા (Education Manager) અને શ્રી કેતન ધોંગડે (Seniro Applica-



tion Engineer) દ્વારા અને લાઇવ ડેમો દ્વારા સોફ્ટવેરના પ્રાયોગિક ઉપયોગનું નિદર્શન કર્યું. વિદ્યાર્થીઓએ ઉત્સાહપૂર્વક ભાગ લીધો અને ઈન્ડસ્ટ્રીમાં જરૂરી ડિઝાઇન સોફ્ટવેર અંગે ઉપયોગી માર્ગદર્શન મેળવ્યું. એન્ટેમિકેનિકલ એન્જિનિયરિંગ વિભાગ દ્વારા નિષ્ણાત વક્તાઓનો આભાર વ્યક્ત કરવામાં આવ્યો.

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