PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING

Academic year: 2026-27 Date: 28-07-2026

CIRCULAR

Additive Manufacturing Club of Mechanical Engineering Department in association with Career Guidance Cell is organizing a Seminar to the Mechanical Engineering students on 30th July 2026. The seminar focuses on the theme is *"From CAD to Product: An Introduction to Rapid Prototyping and Additive Manufacturing"*.

Event	:	Seminar.
Date of the Event	:	30th July 2026.
Venue	:	MF-13.

INCHARGE

28/07/26.

HOD-ME

PRAGATI ENGINEERING COLLEGE MECH-HOD SURAMPALEM

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4. **Career Guidance Cell In-charge – ME.**

PRAGATI ENGINEERING COLLEGE

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INDUSTRY 4.0 CLUBS

ADDITIVE MANUFACTURING CLUB

ORGANISED BY

DEPARTMENT OF MECHANICAL ENGINEERING

IN ASSOCIATION

WITH

CAREER GUIDANCE CELL

Seminar on "From CAD to Product: An Introduction to Rapid Prototyping and Additive Manufacturing"

SPEAKER :

Mr. A.Yeswanth (Ph.D)
Assistant Professor

FACULTY COORDINATOR

Mr. P. Ram Prasad
Assistant Professor
Mechanical Engineering Department

DATE : 30th July2026
TIME : 2:30 PM onwards

STUDENT COORDINATOR

Ms. K.Rama Hasini (24A31A0307)
Mechanical Engineering Department

PRAGATI ENGINEERING COLLEGE
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DEPARTMENT OF MECHANICAL ENGINEERING

A.Y 2026-27

Dt. 30.07.2026

A SEMINAR
ON
"FROM CAD TO PRODUCT: AN INTRODUCTION TO RAPID PROTOTYPING AND ADDITIVE MANUFACTURING"

The Additive Manufacturing Club, Department of Mechanical Engineering, in association with the Career Guidance Cell, organized an awareness seminar on "From CAD to Product: An Introduction to Rapid Prototyping and Additive Manufacturing." The seminar commenced at 2:30 PM and was conducted for the III Year B.Tech Mechanical Engineering students with the objective of enhancing their knowledge of modern manufacturing technologies and their industrial applications.

The seminar focused on the theme "From CAD to Product: An Introduction to Rapid Prototyping and Additive Manufacturing." The session emphasized the complete product development process, starting from Computer-Aided Design (CAD), digital modeling, rapid prototyping techniques, and additive manufacturing processes, culminating in the fabrication of functional products. The seminar highlighted how these technologies are transforming modern manufacturing by reducing product development time, minimizing material wastage, enabling mass customization, and facilitating the production of complex geometries.

The resource person for the seminar was Mr. A. Yeswanth (Ph.D.), Assistant Professor, Department of Mechanical Engineering, who delivered an insightful presentation on the fundamentals of rapid prototyping and additive manufacturing. He explained various additive manufacturing technologies, including Fused Deposition Modeling (FDM), Stereolithography (SLA), and Selective Laser Sintering (SLS). The session also covered materials used in additive manufacturing, design guidelines, industrial applications, emerging trends, and career opportunities in the field.

A total of 39 III Year B.Tech Mechanical Engineering students actively participated in the seminar. The participants enthusiastically engaged in the interactive session by asking questions and discussing the practical implementation of additive manufacturing in industries such as aerospace, automotive, biomedical, defense, and product design. The seminar significantly enhanced their understanding of the role of rapid prototyping in accelerating innovation and supporting Industry 4.0 manufacturing practices.

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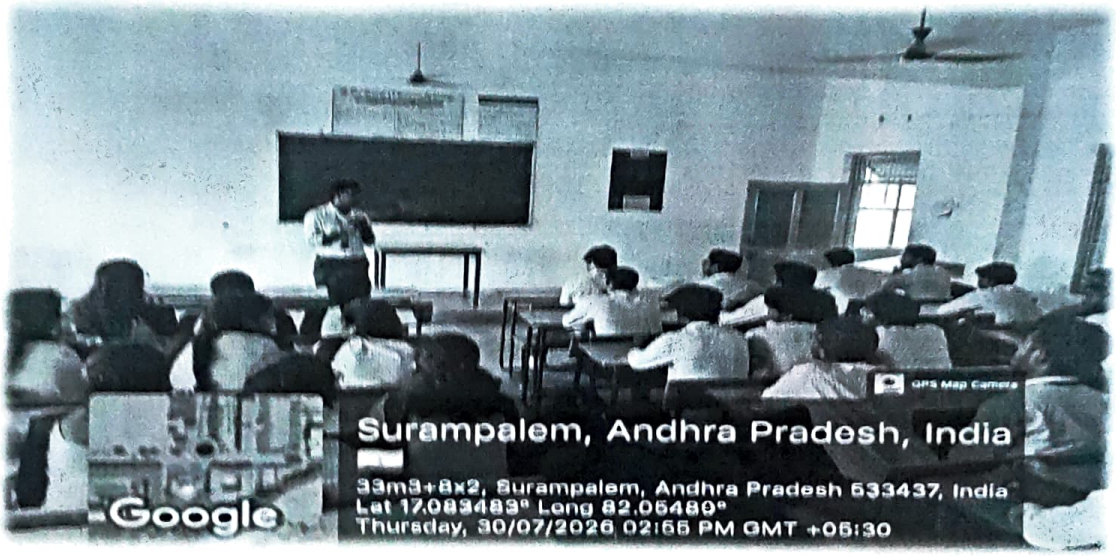
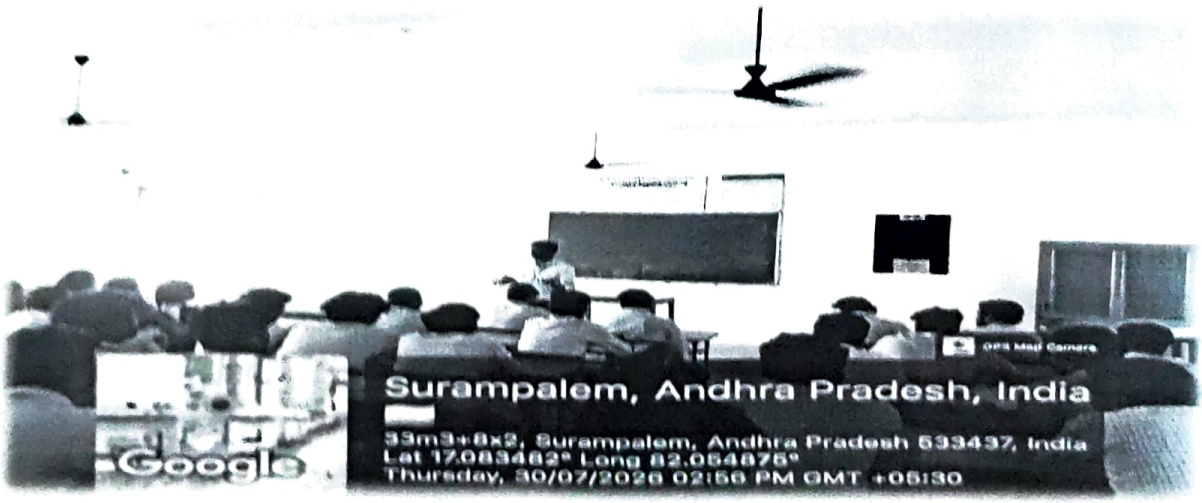
Overall, the seminar was highly informative and successful in creating awareness among students about the latest developments in rapid prototyping and additive manufacturing. The event strengthened the students' technical knowledge, encouraged innovation, and motivated them to explore advanced manufacturing technologies for future academic, research, and industrial pursuits. The Department of Mechanical Engineering, through the Additive Manufacturing Club in association with the Career Guidance Cell, successfully achieved its objective of exposing students to emerging technologies that are shaping the future of manufacturing.

PICTURES OF THE EVENT:





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Learning is Supreme Deity

DEPARTMENT OF MECHANICAL ENGINEERING

Participants List

Name of the Event: Seminar on From CAD to product: An Introduction to Rapid Prototyping and Additive Manufacturing

Venue : MF-13

Date : 30th July 2026

S.No	Roll No	Name	Signature
1	24A31A0358	V. Saimanikanta	V Sai
2	24A31A0347	N. John vidya sagar	Sagar
3	24A31A0331	K. Nikhil	K. Nikhil
4	24A31A0357	V. Siva Ram Charan	Charan.
5	24A31A0343	M. Siddardha Teja	M. Siddardh
6	24A31A0338	M. Santosh	M. Santosh
7	25A35A0304	J.V.R.M. Sai Swaroop	J. Swaroop
8	24A31A0345	N. KARTHIK	Karthik N.
9	24A31A0315	CH. Manoj	[illegible]
10	24A31A0314	B.V. Bhadra Rao	BVB
11	24A31A0316	CH. RAKESH	Ch. Rakesh.
12	24A31A0320	D. Panchajanya.	[illegible]
13	24A31A0341	M. Jairamcharan	Jairam
14	24A31A0335	K. Jaadk	[illegible]
15	24A31A0351	P.N.S. Suresh Kumar	[illegible]
16	24A31A0313	B. Sri Teja	[illegible]
17	24A31A0350	P. mahesh sidhardha	P.M. sidhardha
18	24A31A0346	N. Sri Harsha	N.S. Harsha
19	24A31A0355	S. Anil kumar	S. Anil
20	24A31A0340	M. Abhi Ram	Abhi
21	24A31A0354	R. Chandra Dasalaaban	R.C.D.

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22	24A31A0356	T. Rajesh	T. Rajesh
23	24A31A0302	A. Rakesh	A. Rakesh
24	24A31A0306	K. Krishna kumari	K. Krishna kumari
25	24A31A0307	K. Rama Hasini	Hasini
26	24A31A0308	M. Sowmya Sri	Sowmya
27	24A31A0309	P. Suswaritha	Suswaritha
28	24A31A0310	S. Vanisha	S. Vanisha
29	24A31A0301	Ch. Deepika	Ch. Deepika
30	24A31A0302	G. Trija Sri	G. Trijasri
31	24A31A0304	J. Charishma	J. Charishma
32	24A31A0305	M. Jyothika	M. Jyothika
33	24A31A0311	V. Shivani	V. Shivani
34	24A31A0330	K. H. C. Sudarshan	K. Sudarshan
35	24A31A0325	G. Krishna	G. Krishna
36	24A31A0333	K. Jaswanth	K. Jaswanth
37	24A31A0324	G. Karthik	G. Karthik Kumar
38	24A31A0328	J. Karthik Sri Ram	J. Karthik
39	24A31A0317	Ch. Naveen Tej G	Naveen
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