



# PRAGATI ENGINEERING COLLEGE

(Autonomous)

#1-378, ADB Road, Surampalem – 533 437, Near Peddapuram, E.G. Dist., A.P.  
(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada & Accredited by NBA)  
(Recognized by UGC Under Sections 2(f) and 12 (b) of UGC act, 1956)  
Ph: 08852 – 252233, 252234, 252235 Fax: 08852 – 252232, website: www.pragati.ac.in

## DEPARTMENT OF MECHANICAL ENGINEERING

Academic year: 2023-24

Date: 06-04-2024

### CIRCULAR

Additive Manufacturing Club of Mechanical Engineering Department in association with Career Guidance Cell is organizing a Quiz to the Mechanical Engineering students on 8<sup>th</sup> April 2024. The Theme of the Seminar is “*Quiz on Additive Manufacturing Processes*”.

**Event** : Quiz.  
**Date of the Event** : 8<sup>th</sup> April 2024.  
**Mode** : Online.

INCHARGE

Copy to:

1. HOD-ME.
2. Departmental file.
3. AM Club In-charge – ME.
4. Career Guidance Cell In-charge – ME.





**PRAGATI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

**INDUSTRY 4.0 CLUBS**

Learning is Supreme Duty

# **ADDITIVE MANUFACTURING CLUB**

**ORGANISED BY DEPARTMENT OF MECHANICAL ENGINEERING IN ASSOCIATION WITH CARRER GUIDANCE CELL**

## **"QUIZ ON ADDITIVE MANUFACTURING PROCESSES"**

**Scan Here For Quiz**



**FACULTY COORDINATOR**

**Mr. P. Ram Prasad**  
**Assistant Professor**  
**Mechanical Engineering Department**

**MODE: ONLINE**

**DATE: 8th April 2024**

**TIME: 10:00 AM Onwards**

**STUDENT COORDINATOR**

**Mr. D.Ashish Varma**  
**III Year Mechanical Engineering Department**  
**Contact No. : +91 7095338669**



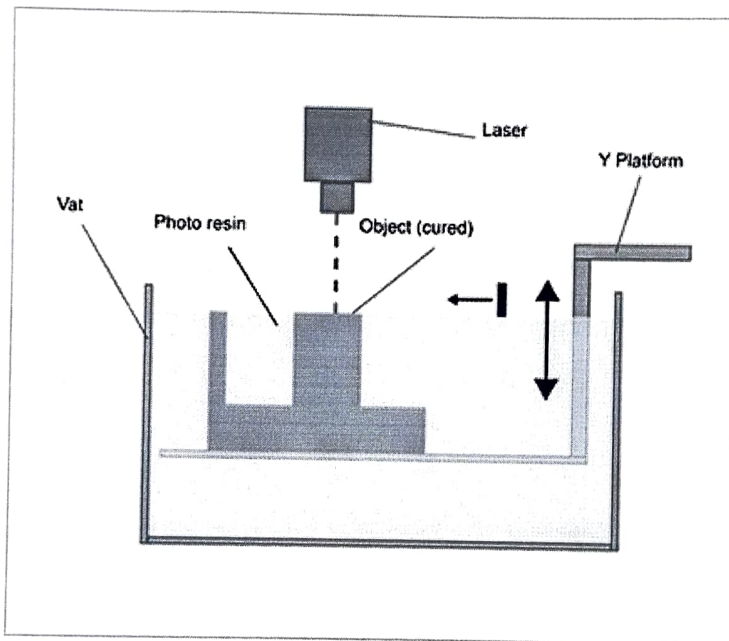
# Quiz on Additive Manufacturing Processes

ADDITIVE MANUFACTURING CLUB ORGANISED BY DEPARTMENT OF MECHANICAL ENGINEERING IN ASSOCIATION WITH CARRER GUIDANCE CELL

\* Indicates required question

1. Which 3D printing method does the image describe? \*

1 point



Mark only one oval.

- Stereolithography
- Fused Deposition Modelling
- Selective Laser Sintering
- Rapid Prototyping

2. **Which CAD software can not be used to create data for the prototyping machine?**

\* 1 point

*Mark only one oval.*

- CREO  
 CATIA  
 NX Unigraphics  
 Adobe Illustrator

3. **What is the format for the prototyping machine file? \***

1 point

*Mark only one oval.*

- .prt  
 .slt  
 .stl  
 .iges

4. **Which of the following is one of the design process steps? \***

1 point

*Mark only one oval.*

- Transfer to machine  
 Pre-processing  
 Concept  
 Build

5. **Which one of the process is subtractive prototyping? \***

1 point

*Mark only one oval.*

- Stereolithography Apparatus
- Multi-Jet Modeling
- Fused Deposition Modeling
- 5 axis CNC Milling

6. **Which one is NOT related to rapid prototyping definition? \***

1 point

*Mark only one oval.*

- Layer by layer
- Physical model
- From 3D CAD data
- Production line

7. **Which of the following is the process in the RP cycle? \***

1 point

*Mark only one oval.*

- Post-processing
- Pre-processing
- Transfer to machine
- All of the above

8. **What is the full name of SLS? \***

1 point

*Mark only one oval.*

- Selective Laser Simulator
- Sintering Laser Simulator
- Selective Laser Sintering
- Stereolithography Laser Sintering

9. **Which one of the processes is NOT using a laser \***

1 point

*Mark only one oval.*

LOM

SLS

FDM

SLA

10. **Which of the process is available in colors? \***

1 point

*Mark only one oval.*

SLA

FDM

MJM

3D Printer

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## DEPARTMENT OF MECHANICAL ENGINEERING

### REPORT

**Title of the Event** : Quiz on Additive Manufacturing Processes.  
**Date of the Event** : 8<sup>th</sup> April 2024.  
**Time of the Event** : 10.00AM Onwards.  
**Mode** : Online  
**No. Students participated** : 28

### List of Students participated

S.No	Roll Number	Name	Year
1	22A31A0305	BAVIRI MANIKANTA	II
2	22A31A0306	BODDU AJAY	II
3	22A31A0309	CHITTURI RAM SANDEEP	II
4	22A31A0311	DUMPALA RAMKUMAR	II
5	22A31A0315	GUDE MURALI SURYA VENKAT	II
6	22A31A0316	GUNRARAPU VENKATA TEJA	II
7	22A31A0318	KAILA SATYA PRASADKUMAR	II
8	22A31A0319	KAMISSETTI SIVA SRINIVASA MANIKANTA JOGARAO	II
9	22A31A0320	KARANAM KALI KRISHNA	II
10	22A31A0323	KASILANKA SRI PARDHA VISHNU KARTHIK	II
11	22A31A0324	KOLAGANI SHANMUKH SAI	II
12	22A31A0325	KOLLI ADARSH	II
13	22A31A0333	MULAKALA YADIDYA	II
14	22A31A0335	NALLA BHARATH KUMAR	II
15	22A31A0336	PANTHAGADA DEEPAK SAI	II
16	22A31A0337	PENNADA KISHORE	II
17	22A31A0340	SEELAM VENKATA SRI SATYA MAHESH	II
18	22A31A0341	TANGELLA VENKATA NARASIMHAM	II
19	22A31A0342	THOTA JASWANTH SAI SAKETH RAJU	II
20	22A31A0346	VASIREDDY SAI SANDEEP	II
21	22A31A0348	YAVARNA CHANDRA MOULI	II
22	23A35A0301	AKUMARTHI RAKESH BABU	II
23	23A35A0302	ANKAMREDDI HARISH	II
24	23A35A0303	B NIRUP CHOWDARY	II
25	23A35A0304	BONDA JAI SURYA SAI VINAY	II
26	23A35A0306	GOLLAPALLI SHALEM RAJU	II
27	23A35A0307	KUKKALURI SIVA KUMAR	II
28	23A35A0309	PERURI SRI HARSHA VARDHAN	II

  
COORDINATOR

  
NOD-ME

