



PRAGATI ENGINEERING COLLEGE

(Autonomous)

#1-378, ADB Road, Surampalem – 533 437, Near Peddapuram, A P

(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada)

(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: 2024-25

Date: 24-12-2024

CIRCULAR

Additive Manufacturing Club of Mechanical Engineering Department in association with Career Guidance Cell is organizing a Quiz to the Mechanical Engineering students on 27th December 2024. The Theme is “*Quiz on Additive Manufacturing Processes*”.

Event : Quiz.
Date of the Event : 27th December 2024.
Mode : Online.

INCHARGE

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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**

ADDITIVE MANUFACTURING CLUB

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

QUIZ ON ADDITIVE MANUFACTURING PROCESSES



FACULTY COORDINATOR

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

MODE: Online

DATE: 27th December 2024

TIME: 10:00 AM Onwards

STUDENT COORDINATOR

**Mr. M.Yadidya
III Year Mechanical Engineering Department**

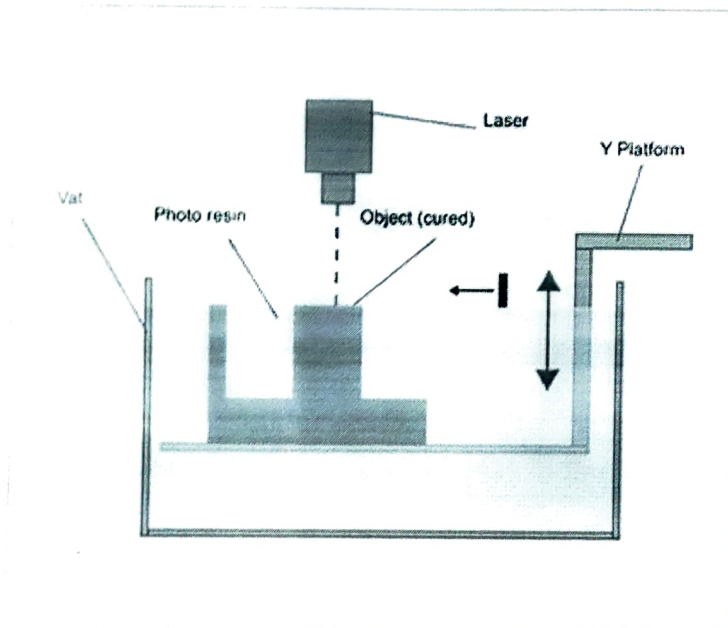
Quiz on Additive Manufacturing Processes

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

120 minutes 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?**

Mark only one oval.

- CREO
 CATIA
 NX Unigraphics
 Adobe Illustrator

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

Mark only one oval.

- .prt
 .slt
 .stl
 .iges

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

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 ?

Mark only one oval.

- LOM
- SLS
- FDM
- SLA

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

Mark only one oval.

- SLA
- FDM
- MJM
- 3D Printer

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DEPARTMENT OF MECHANICAL ENGINEERING

Student Participation List

S.No	Roll Number	Name of the Student	Branch
1	23A31A0326	KATTA KAMESWARA RAO	ME
2	23A31A0334	PALIVELA CHAITANYAKUMAR	ME
3	23A31A0340	POTHULA BHANU	ME
4	23A31A0325	KANDIRELLI VEERA MANIKANTA	ME
5	24A35A0307	MANDAHARI BALA BHAVANI SANKAR	ME
6	23A31A0317	CHILLA VEERA VENKATA SATYANARAYANA	ME
7	23A31A0304	RENUKA VIJAYA DURGA RUTTALA	ME
8	23A31A0328	KUNAPUREDDY SATYA CHAKRA DHORA	ME
9	23A31A0301	BANDI SRI RAMYA	ME
10	23A31A0312	BANDARU B S D V POTHURAJU	ME
11	23A31A0303	NAGIREDDY SWAPNA	ME
12	23A31A0315	BOORLU SIVASAI	ME
13	23A31A0305	REVATHI MIDATANA	ME
14	24A35A0315	SUNANI CHANDU	ME
15	23A31A0345	SADANALA SIVASAI	ME
16	23A31A0307	AKETI VEERA SIVA CHAKRADHAR	ME
17	23A31A0314	BETHI MANIKYA VARDHAN	ME
18	23A31A0309	ANKAMREDDY VASANTH SURYA	ME
19	23A31A0310	ATCHIRTHI LOHITH DURGA NOOKA RAJESH	ME
20	23A31A0306	SANA YOHANNA	ME
21	23A31A0351	VASAMSETTI VENKATA KOWSHIK	ME
22	24A35A0310	PALLA RISHIKESH	ME
23	23A31A0347	SURLA UDAY	ME
24	24A35A0301	ANANTHA DEEPAK	ME
25	24A35A0308	MEDIPUDI DURGA SURESH	ME
26	23A31A0337	PESINGI VAMSI	ME
27	23A31A0349	VADAPALLI SAI GANESH	ME
28	24A35A0304	DUNNA MOULI	ME
29	24A35A0302	DASAM LAKSHMI NARAYANA	ME
30	24A35A0303	DOUDURI DIVAKAR	ME

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31	23A31A0346	SIDDIREDDI NAGA VEERENDRA	ME
32	24A35A0305	KALIDASU SATWIK	ME
33	23A31A0352	VINTI VEERABHADRA TRINATH	ME
34	23A31A0338	PILLA VEERANAGA VENKATASIVA	ME
35	23A31A0348	TANIKELLA APPALA NARASIMHAN	ME
36	24A35A0313	SALADI MANIKANTA	ME
37	24A35A0316	TUMULURI DEVA CHANDRA RAO	ME
38	23A31A0320	GANDHAM VEERASAI SUBRAHMANYAM	ME
39	23A31A0330	MALLULA HEMANTH	ME
40	23A31A0339	POTHU CHARLES STANLIN	ME
41	23A31A0322	GUDABANDI KARUNKUMAR	ME
42	23A31A0324	IVVANDI VEERA GANESH	ME
43	24A35A0314	SIRIPIREDDI SRIRAM	ME
44	24A35A0311	PEETHANI VENKAT NEELESH KUMAR	ME
45	23A31A0327	KEERTHI SIVAJI GANESH	ME
46	23A31A0332	NAGASURI YASWANTH	ME


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