

CENTRE FOR 3D PRINTING AND ADDITIVE MANUFACTURING

ABOUT

A "3D printing and Additive Manufacturing" Technology Centre is a specialized facility or dedicated to advancing the field of 3D printing and additive manufacturing. This centre serves as hubs for research, development, and innovation in this technology, bringing together experts, engineers, and industry leaders. Our aim to push the boundaries of 3D printing applications, improves manufacturing processes, and explores new materials and techniques. This centre play a pivotal role in accelerating the adoption of 3D printing across industries, from aerospace and healthcare to automotive and consumer goods, by promoting collaboration and knowledge-sharing in this transformative field.

OBJECTIVE

- To gain knowledge and skills related to 3D printing technologies
- To learn the selection of material, equipment and development of a product for Industry 4.0 environment
- To understand the various software tools, process and techniques for digital manufacturing
- To apply these techniques into various applications

INDUSTRY SUPPORTED

Internship Support: AIEMA

CERTIFICATION: MSME/NIELIT/NSDC

CENTRE HEAD

Mr.S SYED ABUTHAHIR M.E (Ph.D)- Assistant Professor/Mech

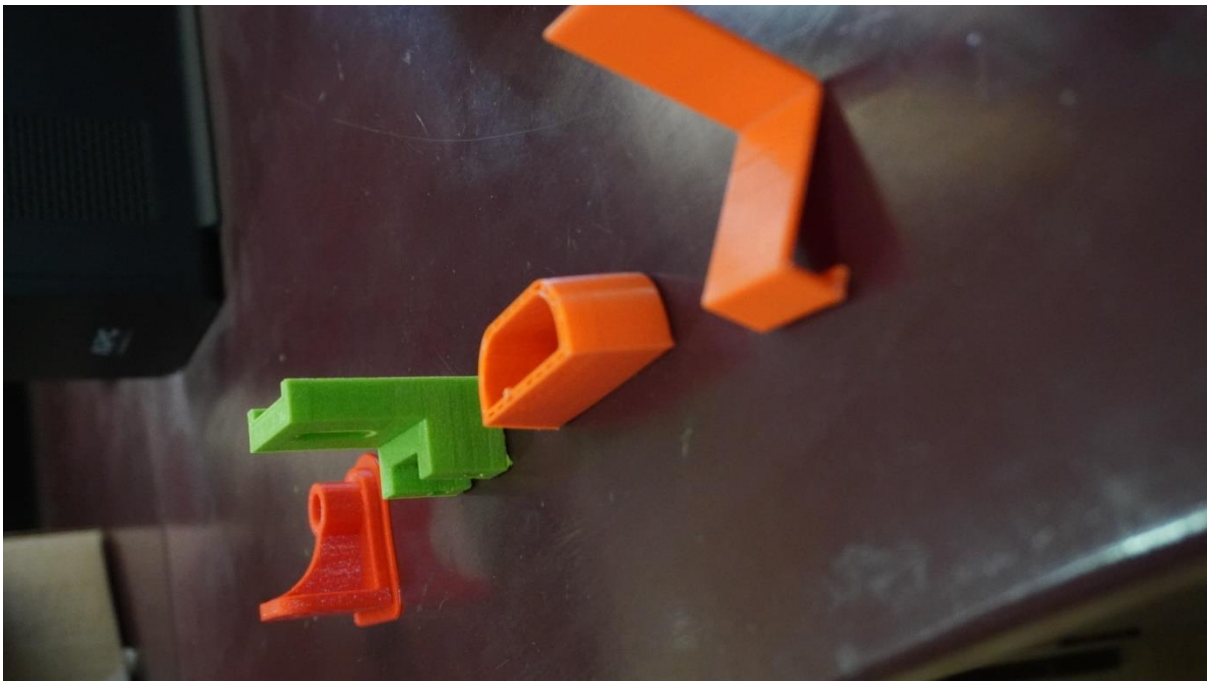
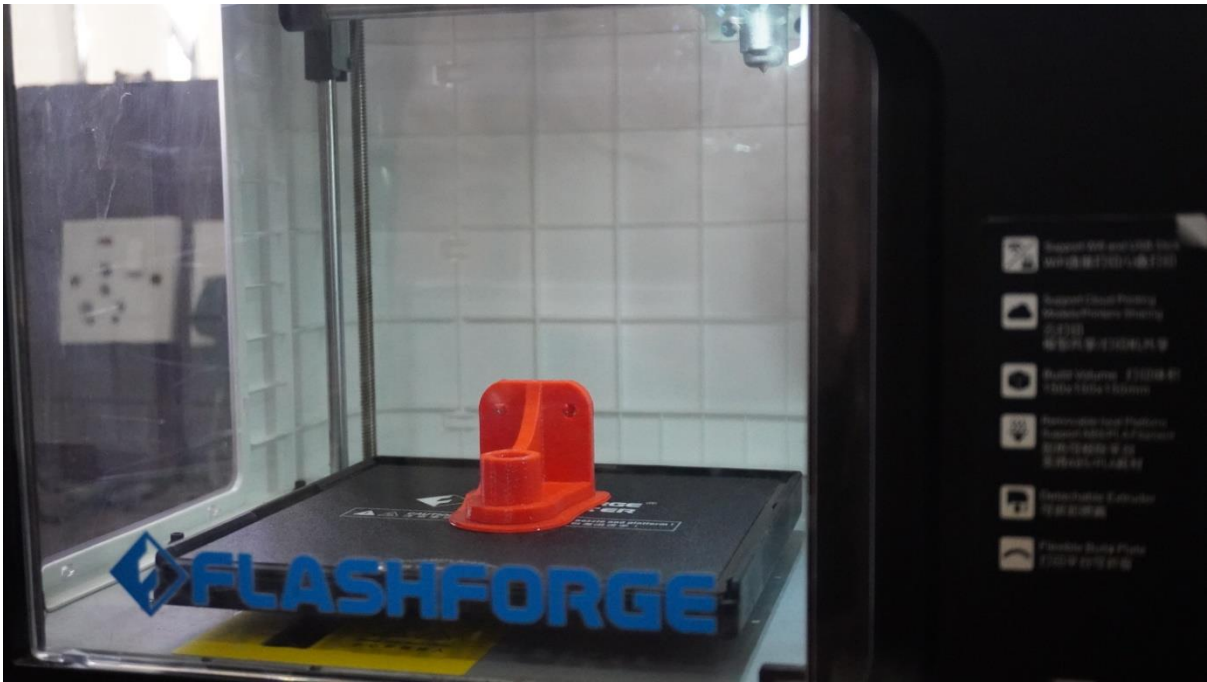
OUTCOME

- Develop CAD models for 3D printing
- Import and Export CAD data and generate .stl file
- Select a specific material for the given application
- Select a 3D printing process for an application
- Produce a product using 3D Printing or Additive Manufacturing (AM)

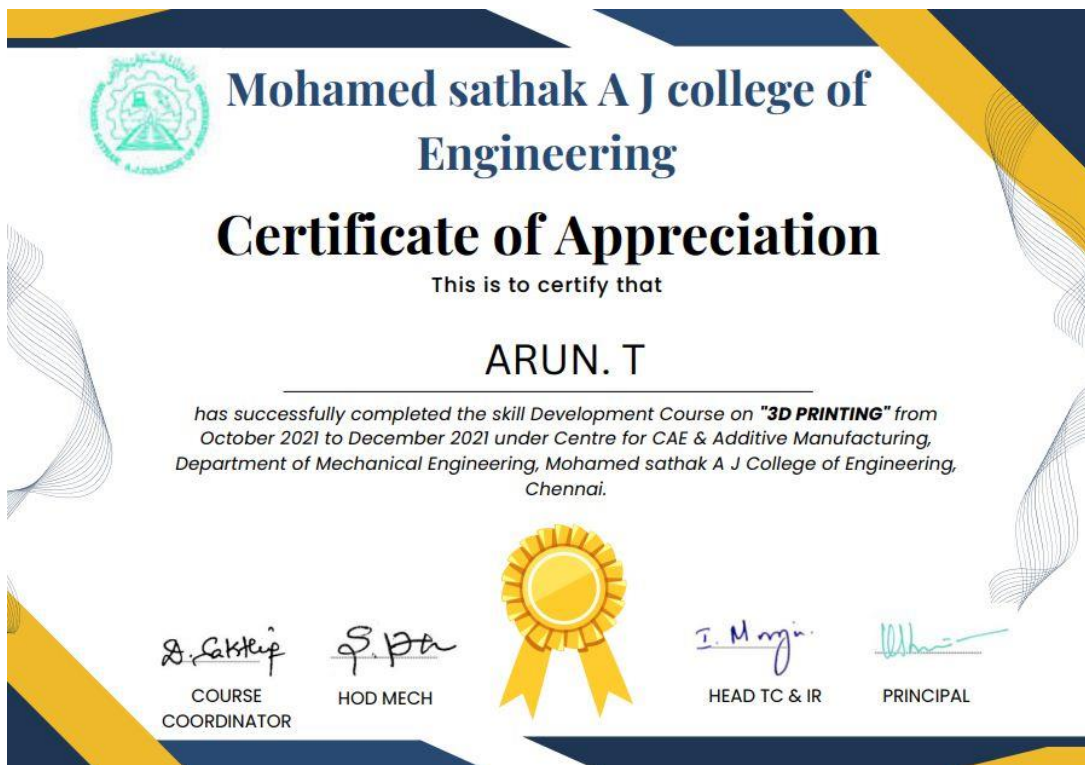
CERTIFICATION

Centre Name	Academic Year	Semester	Course Name	Certification	No of students	Total No of students
Centre For 3D Printing and Additive Manufacturing	2022-23	Odd	3D Printing	MSAJCE	54	239
	2021-22	Odd	3D Printing	MSAJCE	62	
	2020-21	Odd	3D Printing	MSAJCE	65	
	2019-20	Odd	3D Printing	MSAJCE	58	











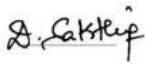
Mohamed sathak A J college of Engineering

Certificate of Appreciation

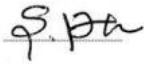
This is to certify that

MOHAMED AJMAL A.R

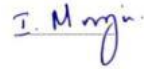
*has successfully completed the skill Development Course on "3D PRINTING" from
October 2021 to December 2021 under Centre for CAE & Additive Manufacturing,
Department of Mechanical Engineering, Mohamed sathak A J College of Engineering,
Chennai.*



COURSE
COORDINATOR



HOD MECH



HEAD TC & IR



PRINCIPAL