



**Er. PERUMAL MANIMEKALAI
COLLEGE OF ENGINEERING**

Accredited by NAAC - 'A' Grade & NBA (B.E. - CSE | ECE | EEE | MECH & B.TECH. - IT)
Koneripalli, HOSUR - 635 117.
AN AUTONOMOUS INSTITUTION

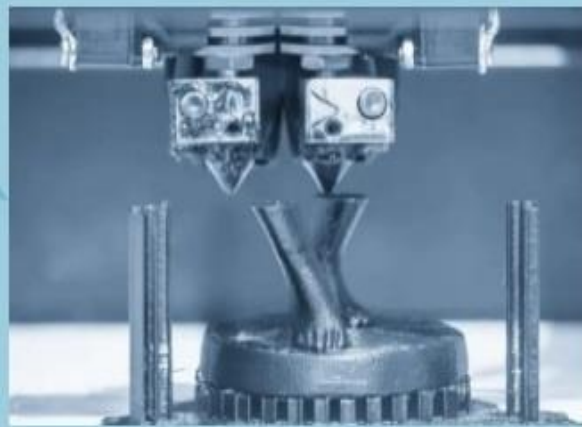


DEPARTMENT OF MECHANICAL ENGINEERING

Organising Hand on Training

on

"ADDITIVE MANUFACTURING"



**Skills Vocational And Innovation Centre (SVAIC)
PMC Tech Campus, Hosur.**

Venue: SVAIC Training Hall

Date: 04.04.2024 TO 06.04.2024

Time: 08.45 am to 4.15 pm

Organizer:

Mr.K.Udhayakumar
AP/Mechanical,
PMC Tech, Hosur

Convenor

Dr.P.Rajasekaran,
HOD/Mechanical,
PMC Tech, Hosur



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Hands on Training “Additive Manufacturing”

Hands on Training “Additive Manufacturing” was conducted three days hands on training on 04.04.2024 to 06.04.2024 & 08.45am – 04.15pm at PMC Tech., Hosur. This event has been organized by Department of Mechanical Engineering and SVAIC, PMC Tech Hosur. It has been conducted Offline mode of our UG students of Er.Perumal Manimekalai College of Engg. Hosur. Mr.S.Senthilkumar, Head Academic (SVAIC), was the resource person and delivered special lecture. This hands-on training can be highly effective at helping you advance a wide range of 3D Printing technologies. I hope this program to create a new idea and relationship between various AM Technologies. The development of materials for biomedical, aerospace, and automobile industries has been a significant area of research in recent years. Various metallic materials, including steels, cast iron, nickel-based alloys, and other metals with exceptional mechanical properties, have been reportedly utilized for fabrication in these industries. However, metals and its alloys have proven to be outstanding due to their enhanced properties. AM technology has shown great potential and advantages in many applications for producing complex-shaped 3D metallic components. The reviewed work showed that SLS and EBM are the most used AM techniques for fabricating metallic parts. At the end of the session, students asked many queries and clarified their doubts. Mechanical Engineering Department/PMC Tech has arranged seminar hall for attending the programme. The program ends with vote of thanks proposed by Udhayakumar K, Asst Professor/Mech/ PMC Tech.



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