



JAYA ENGINEERING COLLEGE

CTH Road, Prakash Nagar, Thiruninravur, Chennai - 602024



WORKSHOP REPORT

Event Title	WORKSHOP ON “EMERGING TRENDS IN MECHANICAL INDUSTRY”		
Resource Person	Mr. Mr Ligen Mohan Industrial Training academy CADD Design solution Chennai		
Academic year	2022-2023		
Organizing Department	Mechanical Engineering		
Program Type (Workshop / Motivation speech / Field Visit / Competition / Others)	Workshop		
Program Theme (IPR / R&D and Innovation / Start-up / Entrepreneurship / Design Thinking / Incubation & Pre – Incubation / others)	Design Thinking		
Date (DD/MM/YYYY)	15-12-2022		
Duration of the activity (in Mins) & Start Time & End Time	Duration: 180 Mins	Start Time: 10.00 AM	Duration: 180 Mins
Participants	Students: 35	Faculty: 7	Total Strength : 42
Mode of session (online / offline)	Offline		
Event Coordinator	Dr.M.Arul murugan / Professor / MECH		
Target Participants	Mechanical & Aeronautical students from Jaya Engineering College		
Outcome	The students are well equipped with the design knowledge that if in future they need to make innovative design in automobile sector		

The Department of Mechanical Engineering, Jaya Engineering College, and Chennai conducted a Workshop on 15th December 2022, on “EMERGING TRENDS IN MECHANICAL INDUSTRY”.

Pre-workshop initiative:

The workshop brochure was sent to our department. The workshop has 35 delegates registered and actively participated in this workshop.

Inaugural Session: The inaugural function was started with a Thamizh Thaaai Vaazhthu at 9:45 a.m. followed by the launching inaugural one day workshop on 15 December 2022 through offline mode, venue at CAD Lab, Mechanical Block in our institution. The Event started at 10.00 A.M with a warm welcome address by **Dr.M.Arulmurugan** / HOD/MECH, JEC. The Director, Jaya group of institutions, Professor **Dr.K.L.Shanmuganathan** was delivered the Felicitation address about the mechanical industry with help of Design software. After that, The vice Principal Professor **Dr.S.Rajendran** was delivered the presidential address on workshop. Chief Guest **Mr Ligen Mohan**, The resource person has kindled the curiosity of the entire student participants on their innovative thinking and idea formulation.



The session mainly focused on basics of, operation, design steps involved. The resource person has also explained about the step by step assembling procedure of radial engine to our students. He was delivered with a special focus on 3D modeling software ANSYS, Solid Works, CATIA with Industry connect. The students, enables them to understand, explore, research and contribute to the domain of Design software.



At the end of the workshop the participants gathered knowledge about of CATIA VS interface and application of commands for the following modules Sketcher, Part Design, Assembly Design & Drafting and also analysis by using Ansys software. Finally, the event ended at 12.55 PM with Vote of thanks by **Dr.M.Arulmurugan**, Professor& Head, Department of Mechanical Engineering, Jaya Engineering College.