



JAYA ENGINEERING COLLEGE

CTH Road, Prakash Nagar, Thiruninravur, Chennai - 602024



WORKSHOP REPORT

Event Title	Workshop on “LATEST TRENDS in CAD / CAM”		
Resource Person	Mr.P.G.RAMAN Director CADDAM Technologies Pvt. Ltd, 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		
Start date & End Date (DD/MM/YYYY)	26-08-2022	26-08-2022	
Duration of the activity (in Mins) & Start Time & End Time	Duration: 150 Mins	Start Time: 11.00 AM	End Time: 01.30 PM
Participants	Students: 90	Faculty: 16	External: 8
Mode of session (online / offline)	Offline		
Event Organizer	Mr.K.Ganesan / Assistant Professor / HOD (MECH)		
Event Coordinator	Dr.V.Chokkalingam / Professor / MECH		
Target Participants	III & IV Year students from Jaya Group of Institution		
Outcome	The students are well equipped with the design knowledge that if in future they need to make innovative design in automobile sector		

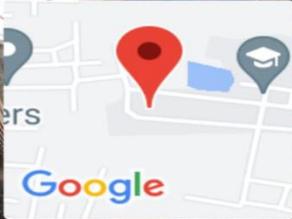
Institution Innovation Council (IIC) – JEC jointly organized a one day workshop on 26 August 2022 through offline mode, venue at Seminar Hall, EEE Block in our institution. The Event started at 11.00 A.M with a warm welcome address by the coordinator **Dr.V.Chokkalinagam**, Professor, Department of Mechanical Engineering, JEC.

The session starts by the resource person “**Mr.P.G.RAMAN**, Director, CADDAM Technologies Pvt. Ltd, Chennai titled as “**One Day Workshop on “LATEST TRENDS in CAD / CAM”**”. The resource person has kindled the curiosity of the entire student participants on their innovative thinking and idea formulation. The session mainly focused on Problem Identification, Idea Generation and Innovative Thinking.

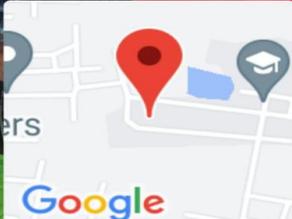
In the beginning **the Resource Person** gave the introduction on Latest Trends in Engineering Design and its various applications in the today’s world. Later he explained the different software used for 3D modeling available in the automobile industries. He explained the free hand sketch of part modeling diagram of prototype car. Then he created a prototype model of car by using CATIA software. Then he explained the drawing procedure of aircraft structure by using NX Software.

Then he explained the history of modeling software which will be used in the automobile industry. He generated the meshing option for car structure and showed the impact loads by using Ansys software. Then he explained the simulation of machining operation by using CAM software. Then he explained the concepts of Reverse Engineering by using aircraft structure model. He explained the molding types and missiles analysis by using NX software.

The vote of thanks was given by **Mr.K.Ganesan**, Assistant Professor & HEAD, Department of Mechanical Engineering, Jaya Engineering College. He gave best wishes to all students and faculty members for delightful and successful day. As per the feedback received from the participants it was very good learning experience, the lecture helped them in understanding the trends in CAD/ CAM.



Jaya Engineering College, Thiruninravur, Tamil Nadu, India
One day workshop on Recent Trends in CAD/CAM ,
Mechanical Department
Lat 13.135225°
Long 80.043448°
26/08/22 11:25 AM



Jaya Engineering College, Thiruninravur, Tamil Nadu, India
One day workshop on Recent Trends in CAD/CAM ,
Mechanical Department
Lat 13.135225°
Long 80.043448°
26/08/22 11:31 AM



HOD

PRINCIPAL