

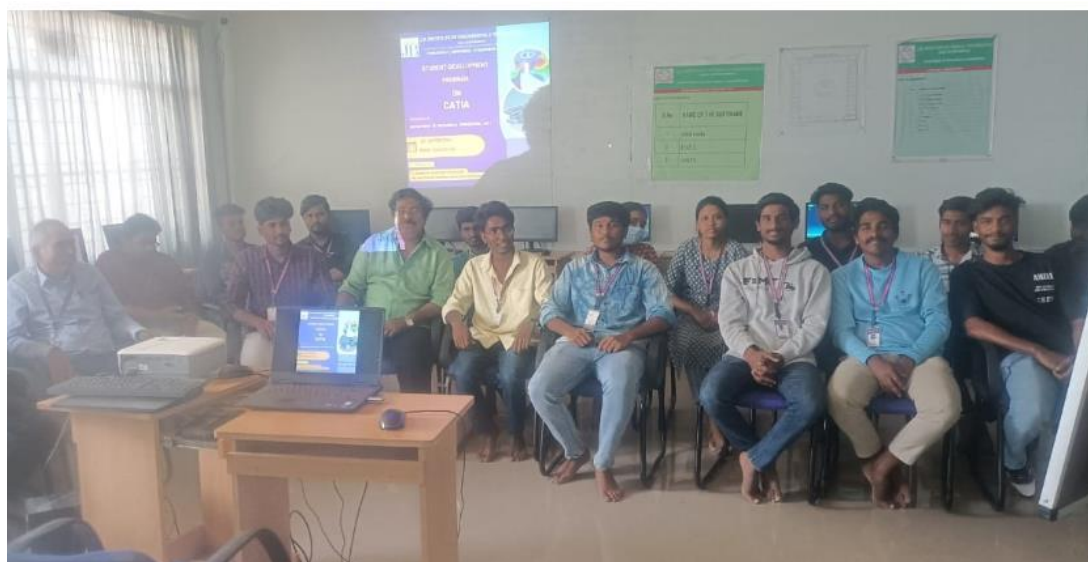
J.B INSTITUTE OF ENGINEERING AND TECHNOLOGY
UGC AUTONOMOUS
YENKAPALLY, MOINABAD, R.R DIST
MECHANICAL ENGINEERING

Date: 26/02/2024

EVENT SUMMARY REPORT

A work shop was conducted by department of mechanical engineering on “**A value added course on Catia software**” by Mr.Venkataramana , Consulting Engineer, Space Engineering Academy for B.Tech Mechanical Engineering students from 12/02/2024 to 23/02/2023 , **50** students participated in the workshop.

Title of Event: “**A value added course on Catia software**”



Description of Event :

CATIA Software Training Program had been organized by Mechanical Department of Engineering in CAD Lab under Value Added Program in 2 Week of February 2024. •

CATIA is the most versatile software in Automotive as well as Aerospace companies as it is having great feature of surfacing. •

CATIA enables the creation of 3D parts, from 3D sketches, sheet-metal, composites, molded, forged or tooling parts up to the definition of mechanical assemblies.

The software provides advanced technologies for mechanical surfacing. It provides tools to complete product definition, including functional tolerances as well as kinematics definition.

- CATIA provides a wide range of applications for tooling design, for both generic tooling and mold & die.

- Many automotive companies use CATIA to varying degrees, including BMW, Porsche, McLaren Automotive, Chrysler, Honda, Audi, Jaguar Land Rover, Volkswagen, SEAT, Škoda, Bentley Motors Limited, Volvo, Fiat, Tesla Motors, Tata motors and Mahindra & Mahindra Limited.
- CATIA offers a solution to shape design, styling, surfacing workflow and visualization to create, modify, and validate complex innovative shapes from industrial design to Class-A surfacing with the ICEM surfacing technologies. CATIA supports multiple stages of product design whether started from scratch or from 2D sketches. CATIA v5 is able to read and produce STEP format files for reverse engineering and surface reuse.
- At the end of training session, have taken review and all of one have given best wishes to students. •Faculties along with 50 students have completed Catia training.

HOD