



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Permanently Affiliated to JNTUK, Kakinada * Approved by AICTE, New Delhi * Accredited by NAAC
Recognized by UGC Under section 2(f) and 12 (B) of UGC Act 1956
ADB ROAD, ADITYA NAGARA, SURAMPALEM-533437

Department of Mechanical Engineering

Date: 15.07.2019.

To
The principal
Aditya College of Engineering & Technology
Surampalem

Respected sir,

[Through Head of the Department]

Sub: Request for your approval to organize a certification course on "CATIA" – reg.

It's our greatest pleasure to bring to your kind notice that, we the Department of Mechanical Engineering would like to train our 3rd year B.Tech students in the **CATIA** adapted initially, with the help of our staff; as the present world is moving over the software design & simulations and also is a part of the Mechanical Engineering. It will be more helpful to the students in theoretical and technical point of view. In this regard we are requesting your permission for further proceedings.

Resource Person	:	Mr. V Ravi Teja Assistant Professor Aditya Engineering College
Honorarium	:	Rs. 10000/-

*Forwarded to the
Principal
D. Srilani*

A. Arul
Course Coordinator

PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALAM- 533 437



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CATIA Syllabus

1. Introduction to CATIA
2. Drawing Sketches in the Sketcher Workbench
3. Solid modelling
4. Drafting
5. Surface modelling
6. Assembly Modelling


Course Coordinator


Head of the Department


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Department of Mechanical Engineering

Date: 16.07.2019

CIRCULAR

All the 3rd year students are here by informed that a program is arranged to enhance the knowledge on **CATIA**, as per the schedule from 12th August, 2019. All interested students can attend the program and utilize the opportunity. The schedule is attached.

Course Coordinator: Mr. Abdul Arif
+917036358658

P. Szilau

Head of the Department


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Schedule of CATIASyllabus:

Day-1:

FN Inauguration of the Program and speakers talk about the objectives of the event

AN Introduction to CATIA interface for tools and options.

Day-2:

FN Drawing tools for 2D sketch

AN Practicing design models with 2D drawing, draw tools

Day-3:

FN Practice of design models with Modifying tools like trim, extend, mirror in 2D

AN Practice of 2D drawings with modifying tools like arrays, offset

Day-4:

FN Settings of annotations: Dimensions, dimension styles- text, size, lines, etc

AN Introduction to 3D modeling

Day-5:

FN Practice on 3D models using editing tools, pad, hole, mirror

AN Symmetry tool, dimensioning, and practice of 3D models

Day-6:

FN Introduction to sheet metal drawing

AN Practice on sheet metal drawing

Day-7:

FN Introduction to Assembly drawing, applications and practice

AN Practice on Assembly drawing

Day-8:

FN 3D design of the piston parts

AN Practice on 3D design of the piston parts

Day-9:

FN Assembling of the piston parts

AN Practicing the Assembly drawing

Day-10:

FN Practice and doubts clarification.

AN Valedictory

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