

ADITYA COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to JNTUK, Kakinada)
Aditya Nagar, ADB Road, Surampalem – 533437

Department of Mechanical Engineering

Title of the Workshop	: AUTOMOBILE ENGINEERING
Resource Persons	: Prof. C.S.P.RAO NIT Warangal
Date(s) of Workshop	: 16-02-2016 to 18-02-2016
Aim of Workshop	: Fundamentals of Automobiles Learning Designing technologies Learn to guide learners power industry Learn the relevance of applications in real time

Automobile engineering, along with aerospace engineering and marine engineering, is of mechanical, electrical, electronic, software and safety engineering as applied to the design, manufacture and operation of motorcycles, automobiles and trucks and their respective engineering subsystems. It also includes modification of vehicles. Manufacturing domain deals with the creation and assembling the whole parts of automobiles is also included in it. The automotive engineering field is research-intensive and involves direct application of mathematical models and formulas. The study of automotive engineering is to design, develop, fabricate, and testing vehicles or vehicle components from the concept stage to production stage. Production, development, and manufacturing are the three major functions in this field.

Automobile Engineering is a branch study of engineering which teaches manufacturing, designing, mechanical mechanisms as well operations of automobiles. It is an introduction to vehicle engineering which deals with motorcycles, cars, buses trucks etc. It includes branch study of mechanical, electronic, software and safety elements. Some of the engineering attributes and disciplines that are of importance to the automotive engineer and many of the other aspects are included in it:

Program Schedule:

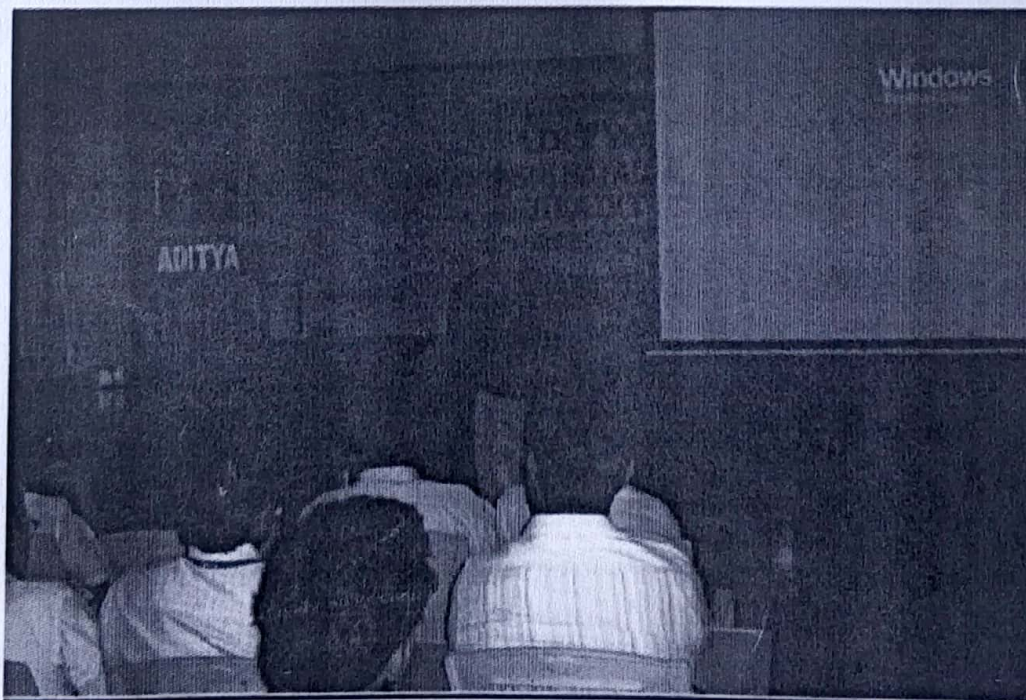
Date	16-02-2016
10:00-10:20	Intro to Workshop
10:20-11:10	Getting started with Automobiles
11:10-11:30	Tea break
11:30-12:20	Basics of Automobiles
12:20-1:10	working models
1:10-2:00	Lunch
2:00-4:40	Hands-On and review

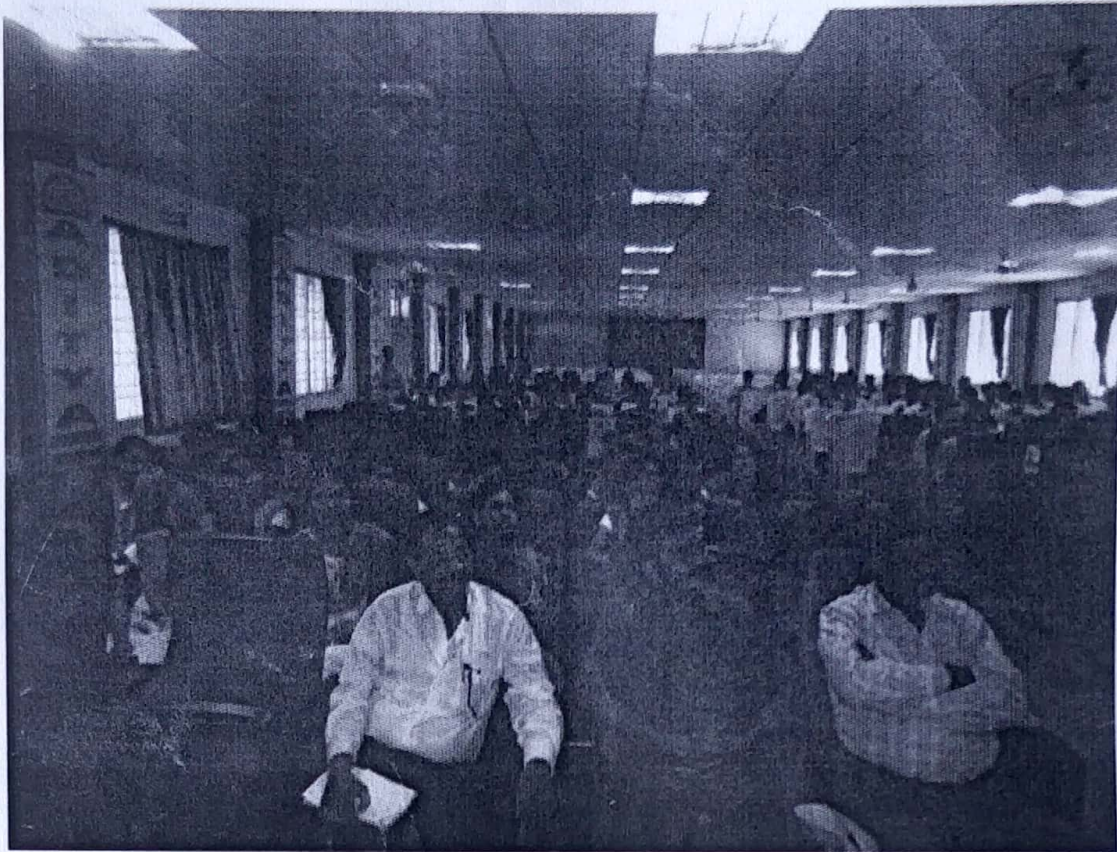
Date	17-02-2016
9:30-10:30	Design Technologies
10:20-11:10	present situation
11:10-11:30	Tea break
11:30-12:20	Video demonstration
12:20-1:00	Applications
1:00-2:00	Lunch
2:00-4:40	Hands-On and review

Date	18-02-2016
9:30-10:30	Role of Automobiles now a days
10:20-11:10	Technology developments
10:20-11:10	Role of Mechanical Engineers
11:10-11:30	Tea break
11:30-12:20	Video demonstration
12:20-1:00	Future Scope
1:00-2:00	Lunch
2:00-4:40	Overview

No. of Participants : 89

PROGRAM PHOTOS





Overall Assessment : Good

Event Coordinators :

1. Mr. A. RAVINDRA

Associate Professor, Dept. of ME

2. Mr. K.L. KISHORE

Associate Professor, Dept. of ME

P. S. V. S. R. Prasad

PRINCIPAL
Aditya College of Engineering
SURAMPALEM-533 437

[Signature]

Head of the Department
Mechanical Engineering
Aditya College of Engineering
SURAMPALEM-533 437