



**TWO DAYS WORKSHOP**

**ON**

# **ADVANCED AUTOMOBILE MECHANICS (AutoMob)**

**Date : 12<sup>th</sup> & 13<sup>th</sup> April, 2024**

**By**

**TECHNEX, IIT VARANASI**



**P R A G A T I** Engineering College  
(AUTONOMOUS)

# Pragati Engineering College, Surampalem

## </> TECHNICAL DETAILS

- \* Introduction about Automobile Mechanics
- \* Chasis & Differential Mechanics
- \* Braking Unit & Automotive Drive Trains
- \* Suspension Unit & Chasis
- \* Different types of Automobiles
- \* Latest Technologies ( VVTI, CVT, DTS-Fi, AVS, CRDL, MPFI)
- \* Practical Knowledge About Mechanical System of an Automobile
- \* Use of Electronics in Automobile
- \* Demonstration on IC Engine
- \* Explanation about different part of Automobiles

## ELIGIBILITY

- \* First Year to Final Year Students can participate in this Workshop. Students from all Engineering branches can participate in it.
- \* No Programming Skills Required, Just a Curious Mind.

**DATE : 12-13 APR, 2024**

## DEPT. OF MECHANICAL ENGINEERING

### PRESENTS

### TWO DAYS WORKSHOP ON

# ADVANCED AUTOMOBILE MECHANICS

**PARTICIPATION CERTIFICATE  
TO ALL PARTICIPANTS  
BY**

**TECHNEX, IIT VARANASI**

## VENUE

Pragati Engineering College (Autonomous)  
ADB Road, Surampalem, Kakinada Dist



## WORKSHOP DETAILS

- \* A Two Days Workshop on Advanced Automobile Mechanics.
- \* Participation Certificate to All Participants from Innovians Technologies & Technex, IIT Varanasi.
- \* At the End of Workshop on Second Day a small competition will be organized and best performing students will get Certificate of Excellence from Technex, IIT Varanasi.



## CONTACTS

### FACULTY COORDINATORS

Mr. M.Sunil Raj : 9989798969

Mr. A.Phanu Bhaskar : 8121412442

### STUDENT COORDINATORS

G.Ravi Kumar : 8886146318

M.Shanmukha Srinivas : 9063212128

## Pre -Requisite

Participants need to bring their own Laptop.  
(Atleast 1 Laptop in a group of 2)

**\* Want to Organize any workshop in your college, Contact Us On +91-9250904129.**



# PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem – 533 437, Near Peddapuram, Kakinada District., A.P.  
(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada & Accredited by NBA)  
(Recognized by UGC Under Sections 2(f) and 12 (b) of UGC act, 1956)  
Ph: 08852 – 252233, 252234, 252235 Fax: 08852 – 252232, website: www.pragati.ac.in

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## DEPARTMENT OF MECHANICAL ENGINEERING

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Academic year: 2023-24

Date: 11-04-2024

### CIRCULAR

A Two day Workshop on Advanced Automobile Mechanics (Automob) by Technex, IIT Varanasi in association with the Local chapter, Department of Mechanical Engineering, Pragati Engineering College is going to be conducted on 12<sup>th</sup> and 13<sup>th</sup> April, 2024.

We Welcome all the Registered students to attend the inaugural at 9 AM tomorrow i.e., 12<sup>th</sup> April 2024. The Workshop will be started in continuation to the inaugural. Venue for the event will be e-class room in Mechanical department.

  
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**Copy to:**

1. Departmental file
2. IE (I) Incharge – Mech Dept.



Learning is Supreme Duty

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## DEPARTMENT OF MECHANICAL ENGINEERING

### TWO DAY WORKSHOP

on

### ADVANCED AUTOMOBILE MECHANICS (AUTOMOB)

AY 2023-24

Dt. 13.04.2024

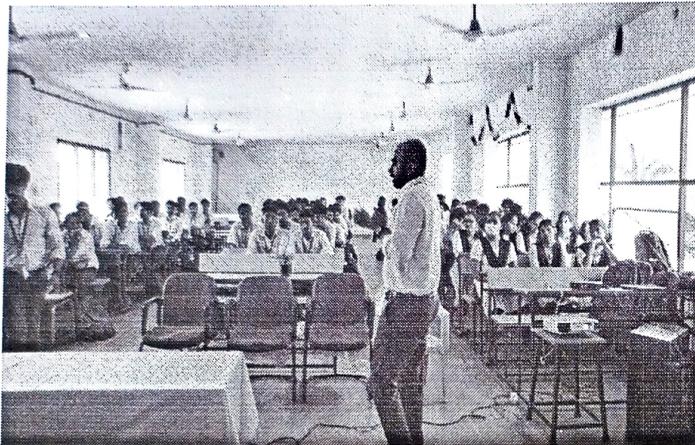
Technology using electrical energy to power automobiles has been in existence for over a century. However, for a number of reasons, including the energy density of petroleum fuels, the internal combustion engine has been the power source of choice for automobiles and most other vehicles. However, with the oil shocks of the past few decades, as well as an increasing awareness of the emissions of air pollutants and greenhouse gases from cars and trucks, interest in the use of electrical power train systems has grown. While there are other potential replacements for the internal combustion engine, such as compressed air, these other technologies have not been the subject of much interest scientifically or politically. So, this point triggered us to organize a Workshop on Advanced Automobile concepts so that students can be more aware of the new technologies which are already in existence and in future existence.

A total of 93 students have actively Participated in the workshop for two days. Many have shared their views and clarified their insights with respect to latest technological advancements. Overall, the Workshop had a grand success.

We sincerely Thank all the faculty and students who made this event a grand success.

<b>Topic Chosen</b>	: Advanced Automobile Mechanics (Automob)
<b>Date &amp; Time of Event</b>	: 12 <sup>th</sup> and 13 <sup>th</sup> April 2024
<b>Venue</b>	: ME Block e Class room (MF - 1)
<b>Faculty Coordinators</b>	: Mr. M. Sunil Raj & Mr. A. Phani bhaskar
<b>Student Coordinators</b>	: Mr. G. Ravi Kumar & Mr M. Shanmukha srinivas

Photos:



  
IE (I) INCHARGE

  
HOD-ME

# PRAGATI ENGINEERING COLLEGE (A) : Surampalem



Two days Workshop on Advanced Automobile Technologies

Date : 12.04.2024 & 13.04.2024

THE INSTITUTION OF ENGINEERS (INDIA)  
LOCAL CHAPTER, DEPARTMENT OF MECHANICAL ENGINEERING

S.No.	Roll No.	Name of the Student	Signature
1	23A31A0301	BANDI SRI RAMYA	Ramyaa
2	23A31A0302	DANDAMUDI AVANTHI	D. Avanthi
3	23A31A0303	NAGIREDDY SWAPNA	Swapna
4	23A31A0304	RENUKA VIJAYA DURGA RUTTALA	R. Renuka Vijaya Durga
5	23A31A0305	REVATHI MIDATANA	Revathi M
6	23A31A0306	SANA YOHANNA	S. Yohanna
7	23A31A0311	BALINA HEMA SAI DURGA MRUTYUMJAY	B. Mrutyumjay
8	23A31A0310	ATCHIRTHI LOHITH DURGA NOOKA RAJESH	A.L.D.N. Rajesh
9	23A31A0316	CHADALAVADA SANTHOSH KUMAR	C.H. Santhosh Kumar
10	23A31A0319	CHUNDRU MOHAN KRISHNA	Ch. Mohan Krishna
11	23A31A0320	GANDHAM VEERASAI SUBRAHMANYAM	G.V.S Subrahmanyam
12	23A31A0325	KANDIRELLI VEERA MANIKANTA	K.V. Manikanta
13	23A31A0326	KATTA KAMESWARA RAO	K. Kameswara Rao
14	23A31A0328	KUNAPUREDDY SATYA CHAKRA DHORA	K. Satya Chakra Dhora
15	23A31A0330	MALLULA HEMANTH	Hemant
16	23A31A0334	PALIVELA CHAITANYAKUMAR	P. Chaitanya Kumar
17	23A31A0341	PUDI ESWAR PRASANTH	P. Eswar Prasant
18	23A31A0347	SURLA UDAY	S. Uday
19	23A31A0348	TANIKELLA APPALA NARASIMHAN	T.A. Narasimhan
20	23A31A0351	VASAMSETTI VENKATA KOWSHIK	V.K. Kowshik
21	23A31A0352	VINTI VEERABHADRA TRINATH	V.V.B. Trinath
22	22A31A0303	ANGARA L V G S PRASANNA KUMAR	A. Prasanna Kumar
23	22A31A0305	BAVIRI MANIKANTA	B. Manikanta
24	22A31A0306	BODDU AJAY	B. Ajay
25	22A31A0307	BOKAM GANGADHAR	B. Gangadhar
26	22A31A0314	GONDYALA VENKATADRI	Venkata Dri
27	22A31A0316	GUNDARAPU VENKATA TEJA	G.V. Teja

S.No.	Roll No.	Name of the Student	Signature
28	22A31A0317	JUREDDY NAGASAI SIVARAMA KRISHINA	Krishna
29	22A31A0318	KAILA SATYA PRASADKUMAR	K.S.P. Kumar
30	22A31A0319	KAMISETTI SIVA SRINIVASA MANIKANTA JOGARAO	K.S.S.H. Jogarao
31	22A31A0322	KARRI NOOKARAJU	P. Karri
32	22A31A0323	KASILANKA SRI PARDHA VISHNU KARTHIK	K.K. Karthik
33	22A31A0324	KOLAGANI SHANMUKH SAI	K. Shanmukh Sai
34	22A31A0329	MAILIPILLI TRIMURTULU	M. Trimurtulu
35	22A31A0331	MARNI RAMBABU	M. Rambabu
36	22A31A0332	MOYILLA VINAY	Moyilla Vinay
37	22A31A0333	MULAKALA YADIDYA	M. Yadidya
38	22A31A0335	NALLA BHARATH KUMAR	N. Bharath
39	22A31A0336	PANTHAGADA DEEPAK SAI	P. Deepak
40	22A31A0337	PENNADA KISHORE	P. Kishore
41	22A31A0338	PULUGU SATYA TEJA	P. Satya Teja
42	22A31A0341	TANGELLA VENKATA NARASIMHAM	T. Venkata Narasimham
43	22A31A0343	UPPULA GOWTHAM DURGA PRASAD	U. G. Durga Prasad
44	22A31A0345	VANAPALLI JYOTHSNA PRAVEEN	V. J. Praveen
45	22A31A0346	VASIREDDY SAI SANDEEP	V. Sai Sandeep
46	22A31A0348	YAVARNA CHANDRA MOULI	Y. Chandra Mouli
47	23A35A0301	AKUMARTHI RAKESH BABU	A. R. Rakesh Babu
48	23A35A0302	ANKAMREDDI HARISH	A. Harish
49	23A35A0306	GOLLAPALLI SHALEM RAJU	G. Shalem
50	23A35A0307	KUKKALURI SIVA KUMAR	K. Siva Kumar
51	23A35A0308	NAARI SAI	N. Sai
52	23A35A0309	PERURI SRI HARSHA VARDHAN	P.S. Harsha Vardhan
53	23A35A0310	RANGHANADHAM S V V SATYA SAI RAM	R. Sairam
54	23A35A0311	SAMINEEDI UMA SIVA SAI DORA	S. Uma Siva Sai Dora
55	23A35A0312	YARRA SATYA SAI	Y. Satya Sai
56	22A31A0349	ABBIREDDY UMA MAHESH	A. Uma Mahesh
57	22A31A0351	BOLISETTY ARAVINDH	B. Aravindh
58	22A31A0352	BOTTA MANIRAMA GANESH	B.M.R. Ganesh

S.No.	Roll No.	Name of the Student	Signature
59	22A31A0354	CHEKURI SATYA SAI SIDDARTHA	C.H. Siddhartha
60	22A31A0355	CHENCHALA TARUN	C. Tarun
61	22A31A0357	DUNE SATYA SUDHEER	D. Sudheer
62	22A31A0359	GANTA SRIRAM	G. Sriram
63	22A31A0361	GURRALA RAVI KUMAR	G. Ravi Kumar
64	22A31A0363	KARADI VENKAT	V. Venkat
65	22A31A0366	KARRI YASWANTH KASI RAJU	K. Yaswanth
66	22A31A0367	KASINA S N V V ANJANI SAI SIDDHARDHA	K. Siddhardha
67	22A31A0368	KONA SATHIBABU	K. Sathibabu
68	22A31A0369	KOTHAPALLI ASHISH VARDHAN	A. Ashish
69	22A31A0371	MANEPALLI SAI DURGA VEERA VENKATA AKHIL	M.S. D.V.V. Akhil
70	22A31A0373	MIRIYALA SHANMUKHA SRINIVAS	M. Shanmukha
71	22A31A0376	ORUGANTI SURYA RAO	O. Surya Rao
72	22A31A0379	PANDU GUNA SEKHAH	P. Guna Sekhar
73	22A31A0380	PANTHAM SRIRAM	P. Sri Ram
74	22A31A0381	PEMMADI DANIEL RAJ	P. D. Raj
75	22A31A0382	PERURI SATYA SANKARA RAMCHARAN	P. S. S. Ram Charan
76	22A31A0383	POKALA UMAKRISHNA	P. Uma Krishna
77	22A31A0385	RELANGI JAI SATYA SHANKAR	R. Satgopal Shankar
78	22A31A0386	RELANGI SATYA SURYA GOVINDHA RAJKUMAR	R. Rajkumar
79	22A31A0387	SIDDA RAJU	S. Raju
80	22A31A0388	YEJJU RAJA	Y. Raja
81	22A31A0389	SUNDARA VENKAT KALYAN KUMAR	S. V. Kalyan
82	22A31A0391	TANTAPUREDDY NAGA DURGA ESWARA SURESH	T. N. D. E. Suresh
83	22A31A0392	TEKUMUDI LOKESH	T. Lokesh
84	23A35A0314	RAYUDU KRISHNA SRI	R. Krishna Sri
85	23A35A0315	AADARSH DASARI	A. Adarsh
86	23A35A0316	AVINASH SAI GANGADA	A. Avinash Sai
87	23A35A0317	CHODIPALLI SANDEEP	Ch. Sandeep
88	23A35A0318	D PRASANTH	D. Prasanth
89	23A35A0319	DHAVALA DINESH KUMAR	D. Dinesh Kumar

S.No.	Roll No.	Name of the Student	Signature
90	23A35A0320	KARANAM DURGA SAI MAHESH	K.D.S. Mahesh
91	23A35A0322	PENUMAKA SIVA SANKARI	P. Siva Sankari
92	23A35A0323	PITLA SRI DURGA NAGA LOVARAJU	P.S.D. Naga Lovaraju
93	23A35A0325	THOKALA MUKESH SATHWIK	Thokala Mukesh Sathwik

Coordinator



M. SUNIL RAO  
Ant. Student.

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