

Auto-Buzz...

A Newsletter

From

Department of

AUTOMOBILE ENGINEERING

ASHOKRAO MANE POLYTECHNIC VATHAR

VOLUME 3, A.Y. 2022-23, ODD SEMESTER

Editor: Mr. P. T. Hasabe

Co-Editor: Mr. B. Y. Ghatge



Vision Mission of The Department

To be well known department for technical and social education in automobile engineering for betterment of society.

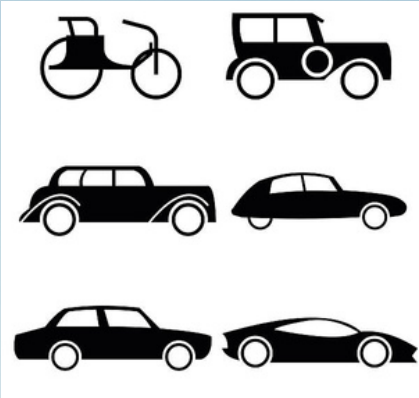
- To impart knowledge to perform experiments and solving problems in automobile engineering
- To empower the students with use of appropriate engineering tools and technology by considering impact on environment and society
- To develop Automobile Diploma Engineer with professional skills and ethical values by working as individual or team
- To build up the students for higher education, employability and entrepreneurship through quality education

Message From HOD

It's my pleasure to introduce department newsletter Auto-Buzz for the odd Semester of A.Y. 2022-23. To begin with I would like to congratulate the member of the news-letter for taken much effort in bringing out excellent articles and organizing it in systematic manner. Automobile Engineering department is striving towards the goal of providing innovative and quality education with high standard to achieve academic excellence. The MSBTE results are Excellent for last Year and it shows a rising trend due to efforts of our faculty

Mr. P.T.Hasabe

HOD



History of the Department

The Department of Automobile Engineering is established in the year 2009 with a sanctioned intake of 60 along with the establishment of institute

Major Events Conducted at department

1) Industrial Visits and Workshop



The said industrial visit was arranged in “S.M Ghatge and Sons” Kolhapur on 23/11/2022 and Shriram Foundry MIDC Shirolu on 24/11/2022. The various concepts from subjects like Materials and Manufacturing Processes, Automobile Engines, Automobile Transmission System, Automobile Body Engineering and Safety, Transport Management and Motor Vehicle act are taught through this industrial visit

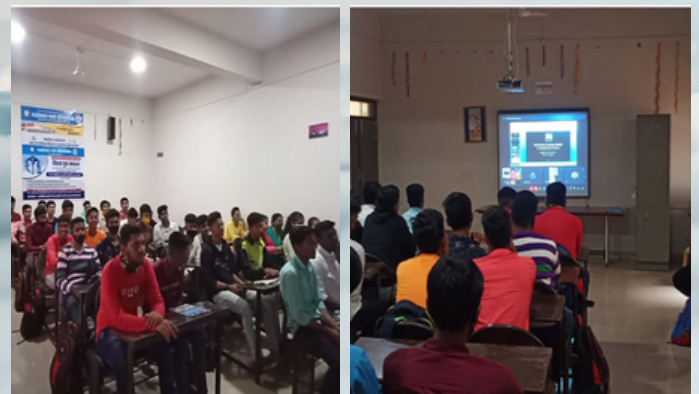


Key points of the Department

- 100% Placement of final year students
- Excellent Results of final year students
- Highly qualified and well experienced Faculties
- In-plant Training & Industrial Training Provided for all Students
- Well-developed Laboratories

In this workshop practical's like assembly and disassembly of multicylinder engine, spot welding, wheel balancing and wheel alignment, wiring of vehicle, Denting and Painting, MIG welding, Engine diagnosis, Chassis, Gearboxes, Clutches etc were covered. All such Subjects/Concepts, in which industrial visits are necessary, covered through same workshop by respective subject teachers. S.Y. & T.Y. students attended this industrial workshop

2) Expert Lectures



The subject of expert lecture is “Career development opportunities for an Automobile Engineer through the mastery in software’s like CAD, CATIA, Solid Works, ANSYS etc”. It is mandatory expert lecture as per curriculum as per MSBTE.

In expert lecture Mr. Dhaval Bagawade, discussed on various topics like Basics of Manufacturing Processes, 6-Sigma, 5 ‘S’ Techniques, Kaizen, Root cause Analysis etc. also discussed need of this technology in future. Er. Vaibhav Koli also discussed and given answers on the student problems regarding “Manufacturing Processes.”

Welcome speech was given by Prof. P. T. Hasabe, H.O.D. Automobile Engineering and program was co-ordinated by Mr. S. B. Akiwate. All S.Y. & T.Y. students attended this expert lecture

4) Sports Achievement



3) Students Achievements

Winter 2022 Results
TY AUTO

Rank	Name of Student	%
1st	DALAVI DHANRAJ NILESH	81.16 %
2nd	GHATAGE PRAJYOT RAVINDRA	71.05%



SY AUTO

Rank	Name of Student	%
1st	BHILWADE SANJIVANI ANIL	81.11 %
2nd	CHAVAN SNEHAL VIJAY	80.22 %
3rd	CHOUGALE SATEJ NARAYAN	77.22 %
	POWAR BHAGYASHRI KIRAN	77.22 %

Our Second year Automobile Engineering Student Mr. Aditya Ramvilas Gupta has Participated and secured Third place at State level Skating Competition also he has secured 1st place at District marathon event

6) State Level Technical Event Reflex 2k23

5) Traditional Day Celebration on the occasion of Annual Function Antrang2k23

Department has organised State Level Technical Event Reflex 2k23 on



Shri Balasaheb Mane Shikshan Prasarak Mandal's
ASHOKRAO MANE POLYTECHNIC
 Vathar Tarf Vadgaon, Tal- Hatkanangale, Dist- Kolhapur (MS) 416112
 Website: www.amietv.org | NBA Accredited Programs

In Association with PALKAR CONSTRUCTIONS Kagal,
 Organizing

STATE LEVEL TECHNICAL SYMPOSIUM
REFLEX 2K23
 3RD APRIL 2023

PAPER PRESENTATION					
Automobile Engineering ■ Vehicle future scenario ■ Automobile components ■ Vehicle ■ Advanced Trends in Automobile ■ Advanced safety in Automobile ■ Future of E-Engines	Mechanical Engineering ■ Automation in Agriculture ■ Robotics and Industry 4.0 ■ Total quality Management ■ Alternative energy for Sustainable Development ■ Smart Vehicle	Electrical Engineering ■ Role of equipment maintenance in power system ■ Smart grid ■ Practical AC transmission system ■ Field drive transformer ■ Wireless transmission of electricity	E & Eo Engineering ■ Internet of Things ■ Wireless network and security ■ Application development ■ Latest trends of electronics ■ Robotics	Civil Engineering ■ Advanced sustainable technologies used in civil engineering ■ Use of GIS and GPS in Civil engineering ■ Construction of green building ■ Advancement transportation system ■ Soil stabilization techniques	Computer Engineering ■ Blockchain ■ Artificial intelligence in machine learning ■ Smart grid ■ Data security in cloud computing
Max two participants allowed Entry fee Rs. 100/- per participant Ms. S. S. Patil Ms. S. S. Patil	Max two participants allowed Entry fee Rs. 100/- per participant Ms. S. S. Patil Ms. S. S. Patil	Max two participants allowed Entry fee Rs. 100/- per participant Ms. S. S. Patil Ms. S. S. Patil	Max two participants allowed Entry fee Rs. 100/- per participant Ms. S. S. Patil Ms. S. S. Patil	Max two participants allowed Entry fee Rs. 100/- per participant Ms. S. S. Patil Ms. S. S. Patil	Max two participants allowed Entry fee Rs. 100/- per participant Ms. S. S. Patil Ms. S. S. Patil
TECHNICAL EVENTS					
E-Vehicle ■ Make a poster on E-Vehicle ■ Poster must be original and hand made	CO2 Project ■ Show the CO2 Drawing of glass object ■ Competition will be conducted in two rounds	Technique ■ Technical Application of Fault finding & rectification of the fault in electrical circuit	Electronic Project ■ Participant has to complete circuit submitting within set time ■ Participant have to bring their own components per PCB and components will be provided	Brain model making ■ Brain model making submission form to be submitted ■ Length: 100mm, width: 100mm, height: 100mm, appearance must be like brain	Photo Log ■ Automatic test ■ Programming round 1 ■ Programming round 2
Max two participants allowed Entry fee Rs. 100/- per participant Ms. S. S. Patil Ms. S. S. Patil	Max one participants allowed Entry fee Rs. 100/- per participant Ms. S. S. Patil Ms. S. S. Patil	Max one participants allowed Entry fee Rs. 100/- per participant Ms. S. S. Patil Ms. S. S. Patil	Max one participants allowed Entry fee Rs. 100/- per participant Ms. S. S. Patil Ms. S. S. Patil	Max two participants allowed Entry fee Rs. 100/- per participant Ms. S. S. Patil Ms. S. S. Patil	Max two participants allowed Entry fee Rs. 100/- per participant Ms. S. S. Patil Ms. S. S. Patil

WORTH PRIZE Rs. 50,000/-

Life is Complex Make it Simplex With the Reflex

Mr. B. Y. Ghatge Co-convenor
 Mr. B. V. Kumbhar Convenor
 Prof. Y. R. Gaurav Principal
 Hon. Shri Vijaysinh Mane Chief patron, President BMSPM



Under Reflex 2k23 Paper presentation and Technical poster presentation on E-Vehicle topic was conducted, Our TY Automobile Engg Student Mr. Dhanraj Dalavi secured 1st rank in Paper presentation Event.

Department has participated in Traditional day on the occasion of Antrang 2k23 annual gathering, Department has secured first rank from the college for the best theme of traditional get up.

8) Campus Placement 2021-22

Sr No	Name of Student	Company Name
1	Nadaf Yasin Ayub	Bajaj Auto
2	Bhosale Rajashree Pradip	Bajaj Auto,Cummins India
3	Patil Pratiksha Prakash	Bajaj Auto, John Deere
4	Chougale Priyanka Ananda	Bajaj Auto, John Deere, Cummins India
5	Patil Tejaswini Tanaji	Bajaj Auto, Cummins India
6	Potadar Amit PAndurang	Bajaj Auto
7	More Shreyash Rajendra	Bajaj Auto, John Deere
8	Patil Akash Arun	Mubea Automotive Components
9	Patil Rakesh Rajgouda	Mubea Automotive Components
10	Patil Shreyas Vijaykumar	Mubea Automotive Components
11	Patil Rushikesh Nagnath	Piaggio Vehicles
12	More Sandesh Dilip	Piaggio Vehicles, Cummins India
13	Charane Aniket Kakaso	Piaggio Vehicles
14	Jadhav Ashutosh Akash	Piaggio Vehicles, Cummins India
15	Patil Abhay Ramvandra	Piaggio Vehicles
16	Patil Aniket Ashok	Piaggio Vehicles
17	Anuse Lahu Bhagoji	Piaggio Vehicles

Sr No	Name of Student	Company Name
18	Powar Ganesh Dagadu	Piaggio Vehicles
19	Dakare Avinash Shivaji	John Deere, Cummins India, Piaggio Vehicles
20	Patil Sushant Shivaji	John Deere
21	Dharwat Rohan Amar	John Deere
22	Mane Omkar Shankar	John Deere
23	Narandekar Vaishnvi Popat	John Deere
24	Gavali Rahul Anil	John Deere
25	Dhotare Rushikesh Rajendra	John Deere,Cummins India

Total 25 students have been placed in campus placement for MNCs like John Deere, Cummins India, Bajaj Auto, Piaggio Vehicles and Mubea automotive Components.

Most of the students got placed in multiple companies that shows how powerful our Training and placement department is.

Some of Students chosen Higher education as their choice.