



Shri Balasaheb Mane Shikshan Prasarak Mandal's,
ASHOKRAO MANE POLYTECHNIC

Vathar Tarf Vadgaon, Tal. Hatkanangle, Dist. Kolhapur-416 112(Maharashtra)
Website: amietv.org **Email:** ampolytechnic@amietv.org

AUTOMOBILE ENGINEERING



AUTO TRENDZ
2017-18

OUR INSPIRATION & PATRONS



Late Ashokrao Mane
1954 - 2006

Founder

Shri Balasaheb Mane ShikshanPrasarakMandal



Prof. A.A.Vagyani
Principal



Hon. Dr. D.N.Mudgal
Executive Director



Hon. Vikasrao Mane
Executive President



Hon. Vijaysinh Mane
President

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.

Key points of the Department

- 1) Excellent Placement of final year students
- 2) Above 80% Results of final year students
- 3) Maximum Faculties Deputed for Higher Education
- 4) In-plant Training & Industrial Training Provided for all Students
- 5) Well-developed Laboratories

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 mainly divided into three streams such as production or design engineering focuses on design components, testing of parts, coordinating tests, and system of a vehicle.



HOD Message



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 good for last semester and it shows a rising trend due to efforts of our faculty.

To reach the great height a person needs to have a great department.

The memories of the past keep up our confidence and the hope of the future is what we live for but the present is the one that keeps our essence alive. We express our gratitude towards our Hon Executive Director Dr.D.N.Mudgal Sir, Principal A.A.Vagyani for their constant support and encouragement

Automobile Engineering Department of Ashokrao Mane polytechnic, Vathar exudes a new spirit of learning in all of its students. It was quite a task to bring up all the events organized in the department and present it to you in the best way possible. All the member of the team have worked hard for it and the result are now in front of you. These articles include recently held events in the department.



Department Vision

To enhance the student's knowledge through technical and social education in the field of Automobile Engineering for betterment of society.

Department Mission

- m1. To impart knowledge to perform experiments and solving problems in automobile engineering.
- m2. To empower the students with use of appropriate engineering tools and technology by considering impact on environment and society.
- m3. To develop Automobile Diploma Engineer with professional skills and ethical values by working as individual or team.
- m4. To build up the students for higher education, employability and entrepreneurship through quality education.

PROGRAM OUTCOMES (POs)

Basic knowledge: An ability to apply knowledge of basic mathematics, science and engineering to solve the engineering problems.

Discipline knowledge: An ability to apply discipline - specific knowledge to solve core and/or applied engineering problems.

Experiments and practice: An ability to plan and perform experiments and practices and to use the results to solve engineering problems.

Engineering Tools: Apply appropriate technologies and tools with an understanding of the limitations.

The engineer and society: Demonstrate knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to engineering practice.

Environment and sustainability: Understand the impact of the engineering solutions in societal and environmental contexts, and demonstrate the knowledge and need for sustainable development.

Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

Individual and team work: Function effectively as an individual, and as a member or leader in diverse/multidisciplinary teams.

Communication: An ability to communicate effectively.

Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the context of technological changes.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- 1.Find and solve the automobile industrial problems using efficient technical knowledge of various automobile systems and its maintenance.
- 2.Utilize various modern tools for maintaining and developing the automobile vehicles.
- 3.Function as an engineer by using the knowledge and skills of management such as communication skill, teamwork and leadership to practice effectively.

Training and Job Opportunities

The Training and placement Cell is committed to provide all possible assistance to its students in their efforts to find employment. This commitment is demonstrated by the existence of a full time faculty in charge. The benefits of this assistance are reflected in the preparation of students who were able to secure lucrative and esteemed positions in industry in recent years. The Training and Placement service operates through-out the year to facilitate contacts between companies and graduates. Staffs are available to respond to student's questions and concern of all kinds. The aim is to ensure that students have the information and skills necessary for an effective job search.

Activities conducted in Automobile Engineering Department

Guest Lecture

Under Automobile Engineering Students Association arranged a guest lecture on Personality Development. The resource person was Mr.Ajay Maske.In this session the resource person have given tips about personality development and life skill development. These tips are valuable to students at the time of Campus Placement.

Dr. A.N.Chapgaon, Prof M.A.Sutar Also they gives their valuable guidance regarding Automobile Advanced Engine Technology.



Expert Lecture On Personality Development by Mr. Ajay Maske



Expert Lecture On Iron Carbide Diagram by Prof. M.A.Sutar, Expert Lecture on CAD/CAM/CAE

Industrial visits

Industrial visits are carried out for getting actual practices going in industries



MOU's with Various Companies

Sr. No.	Name of Organization	Duration
1	Standard Plates & Vessels Pvt. Ltd. Shirol MIDC,	3 years
2	Sharad Automobiles Shirol MIDC, Kolhapur	3 years
3	Acme Industries Pvt. Ltd Shirol MIDC, Kolhapur	3 years
4	P S Engineers, MIDC Shirol	3 years
5	Chougule Engineers Works, MIDC Shirol	3 years

National Road Safety Week

The department of Automobile engineering arranged guest lecture on “Road Safety Week in January 2018. This lecture was arranged by Automobile Department. The lecture was delivered by Dr. D.T.Powar he is currently working as a Regional Transport Officer at Kolhapur division.

Executive director of AMGOI Dr. D. N. Mudgal has inaugurated the programme. Prof. A.A.Vagyani Principal AMP Vathar, Dr. K. Ravi Director of AMGOI, Mr.P.T.Hasbe HOD Automobile Dept and resource persons Mr. D.T.Powar was present on the Dias during inauguration.

Our chief guest gives the valuable information about road safety and their RTO laws, responsibility, symbols, slogan of Road safety week 2018. He also inform to all student about importance of driving license.



Dr.D.T.Powar during Road Safety awareness Programme

Parents Meet

Parents meet has been organized by Automobile Engineering Department



Principal Prof A.A.Vagyani, HOD Mr. P.T.Hasbe ,all Staff, Students and Parents during Parents meet

Summary of Training or Workshop attended in AY 2017-18

Name of Faculty	Training/Workshop Attended	Duration
Mr. P.T.Hasabe	MSBTE Sponsored Industrial training at Ms Kiroskar Brothers LTD	1 week
Mr. P.T.Hasabe	Research Methodology at AMGOI	2 Week
Mr. V.M. Shirke	MSBTE Sponsored Industrial training at Ms Kiroskar Brothers LTD	1 week
Mr. T.P.Kulkarni	Research Methodology at AMGOI	2 Week

Welcome Function of First year Students (2017-18)



Gurupournima Celebration



Principal Prof A.A.Vagyani Sir, HOD Mr.P.T.Hasbe and Staff During Gurupournima Celebration

Annual Function:-



NSS Activities (Tree Plantation)



Hon.Exe.Director Dr.D.N.Mugdhal Sir, Principal Prof A.A.Vagyani Sir During Tree Plantation under NSS Activities

Staff Details

Sr.No.	Name of Staff	Qualification	Designation
1	Mr. P.T.Hasabe	M.E. Auto	HOD
2	Mr. F.B.A.Amin	M.E. Heat Power	Lecturer
3	Mr. V.M. Shirke	B.E. Auto.	Lecturer
4	Mr. T.P.Kulkarni	B.E. Mech.	Lecturer
5	Mr. G.D.Patil	B.E. Auto.	Lecturer
6	Mr. B.Y.Ghatge	B.E. Mech	Lecturer
7	Mr. S.B.Akiwate	M.Tech	Lecturer

Supporting staff

Sr. No.	Name of Faculty	Designation
01	Mr S.B.Chavan	Lab Assistant
02	Mr.M.M.Kadam	Lab Assistant
03	Mr.A.D.Kumbhar	Lab Assistant
04	Mr. V.S.Nandanwar	Lab Attendant

Lab Details

Lab Name	Location
Automobile Engine Lab	112B
Vehicle maintenance Lab	112A
Automobile System Lab	111
Automobile Transmission System	110
Heat Power Lab	108
Auto Electrical and Electronics Lab	109
Departmental CAD Lab	217



Faculty deputed for Higher Education under Sponsorship

Sr.No.	Name of Faculty
1	Mr.T.P.Kulkarni
2	Mr. G.D.Patil

Academic Toppers (2017-18)

Name of Student (TY Auto)	Rank	%	Name of Student (FY Auto)	Rank	%
Mr. Barkat Shikalgar	1 st	84.79	Ms. Rupali Chougule	1 st	89.34
Mr. Sushant Chougule	2 nd	83.39	Ms. Priti Gurav	2 nd	88.00
Mr. Yogesh Devkule	2 nd	83.39	Ms. Swapnali Maskar	3 rd	87.81
Mr Yogesh Chavan	3 rd	74.97			

Placement and Higher education

Total number of successful students	No. of students admitted to higher education	No. of students Placed through campus Interview	No. of students becomes Entrepreneur
23	04	10	03

Students Participation in Sports

Sr. No.	Name of Student	Class	Activity	Remark
1	Yogesh D. Patil	TY Auto	Volleyball	Zonal Level
2	Sourabh Bhandari	FY Auto	Volleyball	Zonal Level
3	Devmore Yash	SY Auto	Cricket	Zonal Level
4	Vimal Nayar	FY Auto	Cricket	Zonal Level

