

INFO-MECH

NewsLetter

ASHOKRAO MANE POLYTECHNIC, VATHAR



Department of Mechanical Engineering

VISION

To excel in engineering education for creating competent mechanical engineers with high ethical standards to serve the society.

MISSION

- Impart basic as well as discipline knowledge to solve engineering problems.
- Direct towards skill development and use of modern tools to enhance employability.
- Develop leadership qualities and ability to visualize needs for entrepreneurship development.
- Inculcate sense of responsibility towards society and environment through professional and social ethics.

Editor: Mr. S. N. Yadav (H. O. D.)
Co-Editor: Mr. P. S. Patil.
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ABOUT INSTITUTE

Having accomplished high reputation in western part of Maharashtra state as on today, it is imperative to look back to the development of AMIET on time scale from its just born state in the year 2008. It was established with a view to make available enormous opportunities for the rural masses in higher technical education, Have well connected place Vathar tarf vadgaon, District – Kolhapur. In 2008, the year of its inception, the college started more or less in just a make shift type of structure. Despite of obvious hardships of infancy, the management went ahead with constructing a full-fledged building at once. With the fastest speed, the construction was completed at the start of the year 2008. The classes had in fact started in the new building since academic year 2008.

ABOUT DEPARTMENT



**President
Hon.
Shri. Vijaysinh. Mane**



**Executive President
Hon. Shri. Vikasrao
Mane**



**Principal
Prof. Y. R. Gurav**



The Department of Mechanical Engineering is established in the year 2008. The department has evolved over the years to become one of the active departments of this college in teaching and providing services to students. The curriculum provided by our department is flexible and provide opportunities for students to emphasize specific areas of interest through their choice of appropriate measure and technical elective .To Create academic environment at departmental level we have a well maintained library with funds from management. The Department has well equipped laboratories.

The department has a good blend of experienced and young faculty which works as a team to strengthen the department. The department has adequate PG faculty having industrial as well as teaching experience. Almost all faculty members have published papers in journals, conferences. The department is equipped with good infrastructure which consists of class rooms with multimedia facility, well equipped laboratories to carry out all the prescribed experiments and to verify the concepts studied in theory, learning software and departmental library etc.

The department organizes regular industrial visits and visits to different power stations to give an exposure of the present day technology to the students. Guest lectures, Expert lectures and special training have been arranged to help the students to sharpen their skill.

The department is committed to improve the quality of education by continuous knowledge enhancement. The department has sufficient number of well qualified, dedicated staff members, who are always ready to help the students in shaping their career.

Departmental Activities

Reflex 2K23:

1) Paper Presentation

The Mechanical engineering Department had proudly organized Reflex 2K23 a State level Technical Symposium on Monday 03rd April 2023. Under this event paper presentation competition was conducted successfully. This competition was conducted by the students of Mechanical Engineering Department under the guidance of Competition Coordinators Mr. R. D. Nagvekar and Mr. S. B. Lambe.

The Inaugural function and welcome function was celebrated at the presence of all dignitaries such as Competition Judge Mr. S. J. Thikane., Prof. Y. R. Gurav (Principal, AMP, Vathar), Mr. S. N. Yadav (HOD, Mechanical Engineering Department) and Mr. N. Y. Patil (Member, Organizing Committee Reflex 2k23).



2) CAD- Master

The Mechanical Engineering Department had proudly organized Reflex 2K23 a State level Technical Symposium on Monday 03rd April 2023. Under this event CAD MASTER competition was conducted successfully. This competition was conducted by the students of Mechanical Engineering Department under the guidance of Competition Coordinators Mrs. A. S. Tipugade and Mr. P. S. Patil.

The Inaugural function and welcome function was celebrated at the presence of all dignitaries such as Prof. Y. R. Gurav (Principal, AMP, Vathar), Mr. S. N. Yadav (HOD, Mechanical Engineering Department) and Mr. N. Y. Patil (Member, Organizing Committee Reflex 2k23).



Expert Lecture

1) “When Research Happening”

On 07/02/2023, Mechanical Engineering Department has arranged an Expert Lecture on “When Research Happening” for the Third Year Mechanical Engineering Students. The lecture was given by Dr. Shreyash Mangave, Iiser Pune. Firstly, Mr. S. R. Koli gave a brief introduction about the expert then Dr. Shreyash Mangave talked about; a great deal of research is conducted in laboratories using cells, samples and, in some cases, also animal experiments. Statistics from various registers and databases are another important source for research studies. The purpose of research is therefore to find out what is known, what is not and what we can develop further. In this way, scientists can develop new theories, ideas and products that shape our society and our everyday lives.

2) “National Education Scheme 2020 and Science”

On 08/02/2023, Mechanical Engineering Department has arranged an Expert Lecture on “National Education Scheme 2020 and Science” for the Second Year Mechanical Engineering Students. The lecture was given by Mr. A. L. Deshmukh Pune. Firstly, Mr. S. R. Koli gave a brief introduction about the expert A. L. Deshmukh talked about; The government of India introduced a new policy to globalize education from preschool to the secondary level. NEP 2020 aims to replace the present 10+2 system with the latest 5+3+3+4 curricular structure corresponding to ages 3-8, 8-11, 11-14, and 14-18 years Explanation of 5+3+3+4 structure – Here is the class and age-wise detailed explanation given. Children will spend five years in the Foundational stage, 3 years in the Preparatory stage, 3 years in the Middle stage, and 4 years in the Secondary stage, according to the new school education system outlined in NEP 2020.





3) “Industry 4.0”

On 20/04/2023, Mechanical Engineering Department has arranged an Expert Lecture on “Industry 4.0” for the Third Year Mechanical Engineering Students. The lecture was given by Mr. Ravindra Patil, who is Area Manager at Yeto Engineering Solutions, Kolhapur. Firstly, Mr. P. S. Patil gave a brief introduction about the expert.

Industry 4.0 refers to a new phase in the Industrial Revolution that focuses heavily on inter-connectivity, automation, machine learning, and real-time data. Industry 4.0 originated in 2011 from a project in the high-tech strategy of the German government, which promotes the computerisation of manufacturing. Actually, the term “Industry 4.0” was publicly introduced in the same year at the Handover Fair

Industrial Visit



Shiroli, Maharashtra, India
G-65, MIDC, Shiroli, Maharashtra 416122, In
Lat 16.752348°
Long 74.267061°
13/04/23 11:45 AM GMT +05:30

Mechanical Engineering Department was arranged an Industrial Visit at R.N.D. Industries, B 170, Shiroli MIDC, Shiroli, Tal. Hatkanangle, Dist. Kolhapur, 416122. for Second Year Mechanical Engineering Student on Date: 13/04/2023.



Mechanical Engineering Department was arranged an Industrial Visit at Rajesh Enterprises, B 56, Shirol MIDC, Shirol, Tal. Hatkanangle, Dist. Kolhapur, 416122. for Second Year Mechanical Engineering Student on Date: 13/04/2023.



Mechanical Engineering Department was arranged an Industrial Visit at Tejashree Industries, C 586/5, Shirol MIDC, Shirol, Tal. Hatkanangle, Dist. Kolhapur, 416122. for Second Year Mechanical Engineering Student on Date: 13/04/2023.



Mechanical Engineering Department was arranged an Industrial Visit at Amar Industries, G-64, Shirol MIDC, Shirol, Tal. Hatkanangle, Dist. Kolhapur, 416122. for Second Year Mechanical Engineering Student on Date: 13/04/2023.



Mechanical Engineering Department was arranged an Industrial Visit at Venkatesh Engineers, Plot no. 85, Hanuman Nagar, Shiye, Tal. Hatkanangle, Dist. Kolhapur, 416122. for Second Year Mechanical Engineering Student on Date: 13/04/2023.

ACHIEVEMENTS**FY TOPPERS**

Rank	Name of Student	%
1	Thorat Shravani Maruti	78.13
2	Nadaf Amina Sayyad	74.13
3	Kamble Adarsh Divakar	71.47

SY TOPPERS

Rank	Name of Student	%
1	Mr. Jagtap Shivtej Kakaso	82.63
2	Mr. Minchekar Sumedh Ananda	82.00
3	Mr. Patil Sujit Mahadev	80.88

TY TOPPERS

Rank	Name of Student	%
1	Mr. Patil Sanket Mahabaleshwar	89.67
2	Mr. Bhiungade Gaurav Sanjay	87.03
3	Mr. Parit Sangram Sambhaji	86.00

