ASHOKRAO MANE POLYTECHNIC, VATHAR TARF VADGAON

MECHANICAL ENGINEERING DEPARTMENT

THEME- VALUE STREAM MAPPING

INFOMECH-NEWS LETTER

Vol-X: Issue-II, May-2025

ABOUT INSTITUTE

Shri. Balasaheb Mane Shikshan Prasarak Mandal Ambap's, Ashokrao Mane Polytechnic, Vathar (AMPV) was established in 2008 and is located near Kolhapur. The institute has AICTE approval for the Seven diploma courses. Under the visionary leadership and administration, AMPV has emerged as a leading technological institute and is perfect destination for quality technical education. The institute has NBA accredited Programmes, 100% placements in MNCs, best academic results, well established labs. The institute has also been honoured with notable awards.

VISION OF THE DEPARTMENT

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

ABOUT DEPARTMENT

Mechanical Engineering Department is established in 2008 in beautiful campus of AMP, Vathar. The department is honoured with NBA accreditation, ISO certification and also received excellent / very good remark by MSBTE.

This department has well equipped laboratories and excellent upgraded facilities. The department has an enthusiastic team of qualified and experienced teaching and non-teaching staff.

The department attracts aspiring students every year and aims to provide solid foundation for careers in industry, research and academia. The department has great history of highest admissions, best academic results and Higher placements.

The department also conducts various departmental activities like technical events, expert lectures, industrial visits, career guidance training programs and workshops to enhance students' technical knowledge.

MISSION OF THE DEPARTMENT

1. m1. To impart basic as well as discipline knowledge to solve engineering problems.
2. m2. To direct towards skill development by using modern tools and emerging technologies to enhance employability.
3. m3. To develop leadership qualities and ability to visualize needs for entrepreneurship development.
4. m4. To inculcate sense of responsibility towards society and environment through professional and social ethics.

INSIDE

CHIEF EDITOR:
Mr. S. N. Yadav
EDITORIAL COMMITTEE:
1. Mr. P. S. Patil
2. Mr. S. B. Lambe
3. Mr. Sarvjeet S. Patil
4. Miss. Anjali J. Koli
5. Miss. Tanvi S. Patil

DEPARTMENTAL NEWS

Alumni Meet 2025

Prof. (Dr.) Yuvraj R. Gurav
Principal,
Ashokrao Mane Polytechnic, Vathar Tarf Vadgaon.

Dear Readers,
Best wishes to all. It's a proud moment to interact with the readers. Newsletter is an initiative by department which has a specific purpose in it. The contribution made so far by the teachers, students, academicians and industrialists has compelled to promote such moves in the era of emerging technologies such as Robotics, Artificial Intelligence, Machine Learning, Internet of Things, etc. Newsletter is also acting as a medium to convey message about its vision and values along with future strategies and plans. The newsletter has a unique theme 'Value Stream Mapping', which is Lean technology, widely used now a days, I appreciate the editing team, which is putting efforts of compiling various news about diploma education system in department along with views and information about a relevant theme and disseminating it to a cohesive community of stakeholders - students, faculty, parents, administrators, institutes, industry and community at large, through this newsletter.

Mr. Sunil N. Yadav
H.O.D. Mechanical Engineering,
Ashokrao Mane Polytechnic, Vathar Tarf Vadgaon.

Greetings to faculties and friends !
It gives immense pleasure to congratulate department newsletter committee for releasing semester wise department newsletter. We strived hard, gave our best possible efforts to make "INFO-MECH" really versatile.
We have tried to give the students those memories that stand as a footprint of progress where each word speaks out with knowledge. It gives the scope and freedom to imagination power of the students to express their line of thought through creative ideas. Besides, imagination is a mirror to our academic progress, co-curricular and extra-curricular activities, achievements and a reflection of the strength of our department that gives us new energy to grow. The Mechanical Engineering department is striving towards the goal of providing innovative and quality education with high standard to achieve academic excellence.

The ऋणानुबंधAlumni Meet- 2025 of Ashokrao Mane Polytechnic, Vathar was held on Saturday 04 th January 2025 in the college campus lawn. The meet was started at 6.00 pm. Hon. Shri. Vijaysinh Ashokrao Mane (President – Shri. Balasaheb Mane Shikshan Prasarak Mandal, Ambap, Director- Kolhapur District Central Cooperative Bank, Kolhapur) was the Chief guest of function. Dr. Y. R. Gurav (Principal, Ashokrao Mane Polytechnic, Vathar) was the Chairperson. Academic coordinator and event convener Prof. P. T. Hasabe, Central alumni coordinator and event co-convener Mr. R. B. Mulik, alumni Representative Miss. Mayuri Mali (Software Engineer RBM Software, Pune.) were present for the function.

The function started with Saraswati Poojan and lighting of lamps by the hands of Hon. Shri. Vijaysinh Ashokrao Mane and all dignitaries on the dias.

Alumni from year 2010-11 to 2020-21 were invited to grace the function. All alumni were surprised by noticing the significant changes that took place in the college campus & were feeling nostalgic, cherishing their memories.

Reflex 2K25

The Mechanical Engineering Department had proudly organized Reflex 2K25 a State level Technical Symposium on Tuesday 11th March 2025. Under this following events were conducted successfully,

1. Paper Presentation
2. CAD Master

These competitions were conducted by the students of Mechanical Engineering Department.

A paper presentation competition event was successfully organized in this symposium. This competition was conducted by the students of Mechanical Engineering Department under the guidance of Competition Coordinator Mr. S. B. Lambe. Forty-five students from different polytechnic colleges across Maharashtra participated and presented their papers on different topics showcasing their knowledge and presentation skills.

CAD master competition was successfully organized in this symposium. This competition was conducted by the students of Mechanical Engineering Department under the guidance of Competition Coordinator Mr. P. H. Shinde.

The inaugural and welcome function was graced by the esteemed presence of Principal Dr. Y. R. Gurav. (Principal, AMP. Vathar), event judge Prof. Nitin S. Mali (Vice Principal Dr. D. Y. Patil Polytechnic, Kolhapur) Mr. S. N. Yadav. (HOD, Mechanical Engineering Department) and all Staff Members of Mechanical Engineering Department. The prize distribution was done during the valedictory function by the hand of chief guest Mr. Dayanad Kambale and Dr. Y. R. Gurav. (Principal, AMP, Vathar).

Faculty Development Program

A one week National Level Online Faculty Development Program was organized by mechanical engineering department from 08th to 12th February, 2025. Day-1 program began with welcoming, by the FDP coordinator Mr. R. D. Nagvekar, followed by Welcome address and FDP dynamics from Mr. S. N. Yadav, Head, Department of Mechanical Engineering. At the the end of Inauguration session, Dr. Y. R. Gurav, Principal, Ashokrao Mane Polytechnic, Vathar shared his views about importance of FDP and after that as per schedule every resource person conducted their session and explained the subject very well to all the participants. Every session was full of information with interesting new ideas which proved beneficial to participants and indirectly to students. This program benefited faculty members to share their opinion among different researchers and the professionals from industries. The faculty received a great aid to learn various emerging technologies and thrust areas in mechanical engineering through this FDP.

Participation in Extra Curricular Activities

The Students of Mechanical Engineering Department participated in different Sport events organised at Ashokrao Mane Poytechnic, Vathar Tarf Vadgaon.

The Students of Mechanical Engineering Department enthusiastically celebrated Traditional Day at Ashokrao Mane Poytechnic, Vathar Tarf Vadgaon. The Theme of Traditional Day was “Maharashtra Festivals”.

The Students of Mechanical Engineering Department participated in Cultural Program-Yuva Tarang 2K25 at Ashokrao Mane Poytechnic, Vathar Tarf Vadgaon. They gave remarkable performance in Fashion Show on theme “culture and costumes in different states”

Workshop on Industrial Automation:- PLC,SCADA and HMI.

A three day student training workshop was organized by Mechanical Engineering department from 27th January 2025 to 29th January 2025 at Ashokrao Mane Polytechnic, Vathar. The inauguration was done by Hon. Principal Dr. Y.R. Gurav and Mr. R. P. Bagewadi gave Introduction about workshop. This session has given information about industrial automation and its different types. Introduction about PLC,SCADA, HMI and its use in industry was given by the resource person. This session also explained PLC architecture, its different parts like memories, power supply, input and output module, control unit etc. and ladder diagram programming.

Expert Lectures

On 20/01/2025, The Mechanical Engineering Department arranged an expert lecture on **"Basics of CNC Programming"** for the second year mechanical engineering students. The lecture was given by Mr. Rahul Patil, Jr. Engineer, Gangadhar Industry, Shiroli MIDC, Kolhapur During this lecture, Sir gave Information about basics of CNC programming. From this lecture students learned different types of G code, M code and how to develop simple program for different machining operations along with various concepts included in the subject 'CNC Programming'.

On 21/01/2025, The Mechanical Engineering Department arranged an expert lecture on **"Entrepreneurship - A Key of Success"** for the third year mechanical engineering students. The lecture was given by Dr. A. M. Gurav, Co-ordinator – Centre for Skill and Entrepreneurship Development, Shivaji University, Kolhapur. During this lecture, he gave Information about basics of Entrepreneurship. From this lecture students learned about how to start a new business, which tools are required for starting own business and various concepts included in the subject 'Entrepreneurship Development'.

On 14/02/2025, The Mechanical Engineering Department arranged an expert lecture on **"Opportunities in Abroad Education after Diploma Engineering"** for the third year mechanical engineering students. The lecture was given by Ms. Rajashree Jadhav Dhokare, Managing Director, Education Abroad, Kolhapur. During this lecture, she gave information about opportunities in abroad education after diploma engineering. From this lecture students learned which opportunities are available abroad after diploma engineering, what are the various formalities required to be completed for aboard education, various process, documentary works required to be completed and various such points completed during this lecture.

On 21/02/2025, The Mechanical Engineering Department arranged an expert lecture on **"Emerging Trends in Metrology"** for the second year mechanical engineering students. The lecture was given by Mr. Sanjay Mohite, Former Quality Inspector, Manugraph India Limited, Kodoli. During this lecture, sir gave Information about emerging trends in metrology. From this Lecture students learned about various measuring instruments, measuring processes, tolerances advanced trends in measurements, digital instruments used for measurement and other concepts included in the subject 'Metrology and measurement'.

Industrial Visits

Department of Mechanical Engineering, Ashokrao Mane Polytechnic, Vathar Tarf Vadgaon arranged one day industrial visit for second year students to **"Shree Ram Foundry Pvt Ltd, U-1 Shiroli MIDC, Shiroli, Tal. Hatkanangle, Dist. Kolhapur, 416122"**, on 30th January, 2025 for technical knowledge enhancement of students. In this visit, students learned foundry processes like moulding, casting process, working of belt and chain drives material handling systems, shot blasting process along with various concepts included in subject 'Production Processes' and 'Mechanical Engineering Materials'.

Department of Mechanical Engineering, Ashokrao Mane Polytechnic, Vathar Tarf Vadgaon arranged one day industrial visit for third year students to **"Shree Ram Foundry Pvt Ltd, U-1 Shiroli MIDC, Shiroli, Tal. Hatkanangle, Dist. Kolhapur, 416122"** on 30th January, 2025 for technical knowledge enhancement of students. In this visit, students learned different advanced technologies used in industry, production process, softwares used in industry and other concepts included in subject 'Emerging Trends in Mechanical Engineering'

Department of Mechanical Engineering, Ashokrao Mane Polytechnic, Vathar Tarf Vadgaon arranged one day industrial visit for second year students to **"P-28 Machine Shop, Zhanvar Group Shiroli MIDC, Shiroli, Tal. Hatkanangle, Dist. Kolhapur, 416122"**, on 30th January, 2025 for technical knowledge enhancement of students. In this visit, students learned foundry processes like moulding, casting process, working of belt and chain drives material handling systems, shot blasting process along with various concepts included in subject 'Production Processes' and 'Mechanical Engineering Materials'.

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Faculty Speak

Mr. Prashant S. Patil
Lecturer, Mechanical Engineering
Ashokrao Mane Polytechnic,
Vathar Tarf Vadgaon.

Value Stream Mapping (VSM) is a lean-management tool used to visualize the flow of materials, information, and processes required to bring a product or service to the customer. It's part of the Lean methodology, which focuses on improving efficiency, reducing waste, and enhancing value for customers.

Components of a Value Stream Map:

1. Customer Demand: The rate at which the customer requires the product or service (often measured in units per day or per hour).
2. Process Steps: Each step in the production or service process, including both value-adding and non-value-adding activities. These are typically represented by boxes and linked with arrows to show the flow.
3. Information Flow: How information moves through the system. This includes orders, communication, and data sharing between process steps.
4. Material Flow: Tracks the movement of raw materials, components, or finished goods through the system.
5. Lead Time: The total time it takes to move a product through the entire value stream, from raw materials to finished goods. This includes processing time, wait time, transportation time, and any other delays.
6. Cycle Time: The time it takes for one unit of production to be completed in a specific step of the process.
7. Inventory: The amount of work-in-progress (WIP) or raw materials stored at various stages of the process.
8. Kaizen Bursts: Indications on the map showing areas where improvements can be made to reduce waste or increase efficiency.

Steps to Create a Value Stream Map:

1. Select a Product or Service: Choose a specific product, service, or product family to map. This helps maintain focus.
2. Define the Boundaries: Identify the starting point (e.g., when raw materials arrive) and the endpoint (e.g., when the product is delivered to the customer).
3. Map Current State: Document the current flow of materials and information by observing the process, talking to employees, and reviewing data.
4. Identify Value-Adding and Non-Value-Adding Steps: Highlight which steps directly contribute to customer value and which don't. The goal is to eliminate non-value-adding steps (waste).
5. Create a Future State Map: Based on the observations from the current state, design an ideal future state where waste is minimized, and value flow is optimized.
6. Implement Improvements: Once the future state is defined, work on making the necessary changes to improve efficiency, reduce delays, and eliminate waste

Types of Waste in VSM (The 8 Wastes):

Lean methodology identifies 8 types of waste (often remembered by the acronym "TIMWOOD"):

1. Transport: Unnecessary movement of materials.
2. Inventory: Excess stock or work-in-progress that doesn't add value.
3. Motion: Unnecessary movement of people, tools, or equipment.
4. Waiting: Time wasted waiting for materials, tools, or information.
5. Overproduction: Producing more than what's needed by the customer.
6. Overprocessing: Doing more work than required (e.g., adding unnecessary features).
7. Defects: Work that needs to be redone due to errors or quality issues.
8. Skills (Unused Talent): Not fully utilizing the capabilities of employees.

Mr. Ranjit B. Mulik
Lecturer, Mechanical Engineering
Ashokrao Mane Polytechnic,
Vathar Tarf Vadgaon.

Indian industries across various sectors have increasingly adopted Value Stream Mapping (VSM) as a strategic tool to enhance operational efficiency, reduce waste, and improve product quality. Here are some notable case studies highlighting the successful implementation of VSM in Indian manufacturing:

1. Automotive Components Manufacturer

A study conducted in an Indian automotive components manufacturing organization applied VSM to identify and eliminate wastes, aiming to enable leanness in operations. The process involved constructing a current state map, identifying various wastes, and developing a future state map with improvement proposals. The implementation of these proposals led to significant improvements in manpower productivity, quality enhancement,

and reduction in throughput time.

2. Pump Manufacturing Company

In an Indian pump manufacturing company, VSM was utilized as a lean manufacturing initiative.

The application of VSM helped in matching production lead time with takt time, thereby enabling the company to achieve profitability and competitive strength. The study revealed that VSM has the capability to implement lean manufacturing tools and techniques effectively, leading to improved operational performance.

3. Camshaft Manufacturing Organization

A case study in an Indian camshaft manufacturing organization applied VSM to enable leanness in operations. The development of current and future state maps, along with the identification of improvement proposals, led to significant improvements in lean characteristics. The implementation of these proposals resulted in enhanced operational performance, showcasing the effectiveness of VSM in achieving lean operations.

4. Foundry Facility

In an Indian foundry facility, the implementation of a lean paradigm through VSM was explored. The study focused on mapping the value stream, identifying wastes, and proposing improvements to transition from the current state to a future state. The iterative process of VSM led to continuous improvements in the facility's operations, demonstrating the adaptability and effectiveness of VSM in diverse manufacturing environments.

These case studies underscore the versatility and impact of Value Stream Mapping in enhancing operational efficiency, reducing waste, and improving product quality across various manufacturing sectors in India.

Student Speak

Mr. Shubham Sarjerao Mohite
Student, S. Y. Mechanical Engg.,
Ashokrao Mane Polytechnic,
Vathar Tarf Vadgaon.

Basic Concept of Value Stream Mapping:

Definition:

Value Stream Mapping is a visual representation of every step in a process, showing both value-added and non-value-added activities. The goal is to identify waste and improve overall efficiency.

Steps to Create a Value Stream Map:

1. Select a product or process family to map.
2. Draw the current state map (from customer order to delivery).
3. Identify waste (delays, overproduction, excess inventory, etc.).
4. Design the future state map with improvements.
5. Create an action plan to implement improvements.

Benefits of VSM:

- Identifies bottlenecks and non-value-added activities
- Improves process flow and lead time
- Enhances communication across departments
- Supports continuous improvement (Kaizen)

value Stream Mapping is a Lean tool used to visually map the steps of a process involved in delivering a product or service. It helps identify and eliminate waste, improve efficiency, and optimize the flow of information and materials.

- Value Stream
- The entire set of activities (both value-added and non-value-added) required to deliver a product or service to the customer.
- Value-Added vs. Non-Value-Added Activities
- Value-Added: Steps that directly add value for the customer.
- Non-Value-Added (Waste): Steps that don't add value and should be minimized or removed.
- Current State Map
- A visual representation of the process as it exists today, including workflow, delays, and inventories.
- Future State Map
- A planned map showing how the process will look after improvements are made.
- Flow of Material and Information
- VSM tracks both the physical movement of materials and the flow of information (orders, schedules, etc.).

Mr. Sarvjeet Santosh Patil
Student, T. Y. Mechanical Engg.,
Ashokrao Mane Polytechnic,
Vathar Tarf Vadgaon.

Here are a few Value Stream Mapping (VSM) examples across different industries to help you understand how it's applied:

1. Manufacturing Industry Example

Product: Bicycle Assembly

Step	Cycle Time	Inventory	Waste Identified
Frame Welding	5 min	100 pcs	Excess inventory
Painting	10 min	80 pcs	Waiting
Assembly	8 min	50 pcs	Motion, overprocessing
Packaging	3 min	20 pcs	Transportation

Future State: Reduce inventory, use one-piece flow, reduce lead time from 6 days to 2 days.

2. Healthcare Example

Process: Patient Check-Up at a Clinic

Step Time Taken Waste Identified
Patient Registration 10 min Manual data entry delays
Waiting Room 20 min Waiting
Doctor Consultation 15 min None (Value-added)
Lab Testing 30 min Repeated tests
Prescription & Exit 10 min Overprocessing

Future State: Online pre-registration, schedule optimization, electronic records → Reduced total time from 85 min to 45 min.

3. Education Example
Process: Student Admission Process

Step Time Taken Waste Identified
Form Submission 2 days Paperwork (non-digital)
Document Verification 1 day Waiting
Interview Scheduling 2 days Idle time
Final Decision 1 day Delayed communication

Future State: Use digital forms, automated scheduling → Reduced lead time from 6 days to 2 days.

4. Retail Example
Process: Order Fulfillment (Online Store)

Step Time Taken Waste Identified
Order Received Real-time None
Order Picking 20 min Excess motion
Packaging 15 min Overprocessing
Shipping 2 days Waiting (carrier delays)

Future State: Zone-based picking, automation, optimized carrier → Reduced delivery time.

Industry Speak

Mr. Rahul Patil,
Jr. Engineer,
Gangadhar Industry, Shiroli MIDC,
Kolhapur.

Value Stream Mapping (VSM) is a Lean management tool used to visualize and analyze the flow of materials and information within a manufacturing process. The goal of VSM is to identify areas of waste, bottlenecks, inefficiencies, and opportunities for improvement in the production process. It helps manufacturing companies streamline their operations to reduce lead times, lower costs, and improve product quality.
Here's how VSM can be applied in a manufacturing company:

1. Understand the Concept of Value Stream

- A Value Stream is the entire sequence of activities (both value-creating and non-value-creating) required to bring a product from raw material to finished good, ready for delivery.
- VSM focuses on understanding both the material flow (how products move through the manufacturing process) and the information flow (how production instructions and data move through the system).

2. Key Steps in Creating a Value Stream Map

a. Identify the product or product family:

- Choose a specific product or a family of products that follow similar processes to map the flow from start to finish.

b. Define the current state:

- Map the as-is process, starting from when raw materials are received until the finished product is delivered to the customer.
- Collect data on key performance indicators (KPIs), such as:
  - Cycle times
  - Wait times
  - Inventory levels
  - Lead times
  - Rework rates
  - Capacity utilization

c. Identify waste (Muda):

- Look for waste in the process, such as:
  - Overproduction
  - Waiting time
  - Unnecessary transport
  - Over-processing (more work than necessary)
  - Excess inventory
  - Motion waste (unnecessary movement of people or equipment)
  - Defects (rework or scrap)

d. Create the future state map:

- Develop a vision of an improved, ideal process where waste is minimized, and flow is optimized. This future state should represent a streamlined process with reduced lead times, lower inventory, and better flow.
- Focus on implementing lean tools such as:
  - Kanban (pull-based system)
  - Just-in-time (JIT) production
  - Standardized work
  - Kaizen (continuous improvement)

e. Develop an action plan:

- List specific steps to close the gap between the current and future state.
- Assign responsibilities, set timelines, and prioritize actions that will lead to tangible improvements.

3. Components of a Value Stream Map
- Process boxes: Represent each step in the production process.
- Information flow: Arrows or lines showing how information is passed (e.g., orders, schedules).
- Material flow: Arrows representing the physical movement of materials from one stage to another.
- Data boxes: Include key performance metrics (e.g., cycle times, inventory levels).
- Timeline: A visual timeline showing lead times and wait times between steps.

4. Benefits of VSM in Manufacturing
- Waste elimination: Helps identify inefficiencies that cause delays, excess inventory, or unnecessary processing.
- Improved lead times: By eliminating bottlenecks and waste, products can flow more smoothly through the production process, reducing cycle time.
- Increased capacity: More efficient processes lead to better resource utilization and the ability to meet customer demand.
- Cost reduction: By streamlining the process, unnecessary labor, material costs, and inventory can be reduced.
- Continuous improvement: VSM is often used as part of a broader Lean initiative, encouraging ongoing efforts to improve manufacturing operations.

5. Real-Life Example in Manufacturing

Let's say a manufacturing company produces electronic devices. The company could create a value stream map that starts with sourcing raw components (like chips, plastic cases, etc.). The map would track the flow of these materials through various steps such as:
- Assembly
- Testing
- Packaging
- Shipping
- The current state map might show that the assembly process has a high amount of idle time due to waiting for parts, and the testing phase has high defect rates due to inconsistent procedures. After analyzing this map, the company might decide to:
- Implement a Kanban system to better manage parts inventory
- Standardize testing procedures to reduce defects
- Improve communication between departments to speed up transitions between steps.

The future state map would reflect these improvements, leading to faster production, fewer defects, and reduced inventory.

6. Challenges in Implementing VSM
- Resistance to change: Employees may be reluctant to adopt new processes or tools.
- Data availability: Accurate data on cycle times, inventory, and other key metrics is necessary to create an effective map.
- Silos in departments: Different departments may have different goals or workflows, which can make it challenging to create a unified value stream map.
- Time and resource commitment: Mapping and implementing improvements requires significant effort and time.

7. Advanced Concepts
- Value Stream Mapping for Non-Manufacturing: VSM is not limited to manufacturing. It can be used in other industries like healthcare, service, and software development to improve processes and eliminate waste.
- Software Tools: There are many software tools that can assist in creating value stream maps, such as Microsoft Visio, Lucidchart, and specialized lean management tools like Grafx or Lean VSM.

Farewell Function

Mechanical Engineering Department organised farewell function for final year students. During this function students expressed views of their journey from first year to final year. They expressed thanks for their teachers who supported them in their journey in this college. Staff members of mechanical engineering department also expressed their views.

Achievements

Winter Exam 2024-25

Third Year Mechanical Engineering

Mr. Patil Sarvjeet Santosh:83.43%

Miss. Nadaf Amina Sayyad : 78.19 %

Miss. Koli Anjali Jotiram :78%

Second Year Mechanical Engineering

Miss. Patil Tanvi Shrikant: 86.00%

Mr. Mohite Shubham Sarjerao: 81.44%

Mr. Mohite Rohan Vasant: 81.11%

First Year Mechanical Engineering

Miss. Patil Sharyu Shahaji: 87.65%

Miss. Sutar Najiya Amirhamja: 82.47%

Mr. Mane Gaurav Ganesh : 81.77 %

Mechanical Engineering Students secured the First place in Football event at Annual Sports 2024-25.

Co-Curricular and Extra Curricular Activities

Mr. Rohan Mohite (S.Y. Mechanical Engg.) secured the first prize in CAD-MASTER event under the event REFLEX 2K25

Mr. Atharv Edake (S.Y. Mechanical Engg.) secured the second prize in CAD-MASTER event under the event REFLEX 2K25

Mechanical Engineering Students secured the second place in Kabbadi event in Annual Sports 2024-25.

Mechanical Engineering Students secured the second place in Kho-Kho event at Annual Sports 2024-25.

INFO-MECH

Achievements

Mr. Rohan Vasant Mohite (S.Y. Mechanical Engg.) secured the winning place in 100 m. running event at state level sport under Inter Engineering Diploma Students Sports Association.

Mr. Ritesh Anil Jadhav (S.Y. Mechanical Engg.) secured the winning place in the discuss throw event at Annual Sports 2025.

Mr. Gandharv Bhaskar Patil (S.Y. Mechanical Engg.) secured the second place in the javelin throw event at state level sport under Inter Engineering Diploma Students Sports Association.

Mr. Sanket Sambhaji Naykawadi (S.Y. Mechanical Engg.) secured the second place in the shot put event at Annual Sports 2025.

Staff Achievements

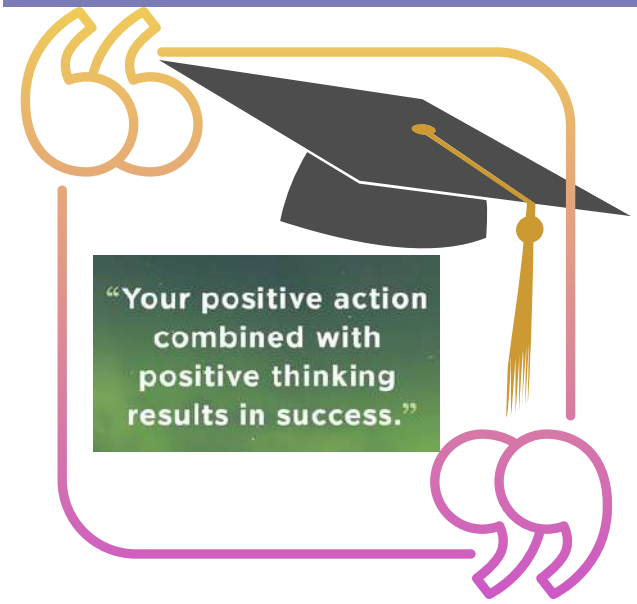
Mr. Sunil N. Yadav, H. O. D., Mechanical Engineering was awarded for his contribution in academics and admission process for academic year 2024-25.

Mr. Rahul D. Nagvekar, Lecturer, Mechanical Engineering was awarded for his contribution in academics and admission process for academic year 2024-25 and completion of his Master in Engineering.

Mr. Ranjit B. Mulik, Lecturer, Mechanical Engineering was awarded for his contribution in academics and admission process for academic year 2024-25.

Mr. Prashant S. Patil, Lecturer, Mechanical Engineering was awarded for his contribution in academics and admission process for academic year 2024-25.

Mr. Ajit S. Patil, Lab Assistant, Mechanical Engineering was awarded for his contribution in academics and admission process for academic year 2024-25.



INFO-MECH

Success Story

I am Sayali Mohite, an alumna of Ashokrao Mane Polytechnic, 2019 batch. I believe my journey is a reflection of how dedication and a positive attitude can transform one's path. Rather than being discouraged by challenges, I embraced a continuous learning mindset.

I always believed in learning small things every day, which gradually helped me build a strong foundation. Dreaming big and working steadily towards my goals kept me focused. Active participation in both academic and cultural events at the polytechnic boosted my skills and confidence.

One of my key strengths was maintaining strong communication and bonds with faculty members, which gave me valuable guidance and motivation. These experiences helped me perform well during my campus placement as a DET at Cummins India. I am currently working as a Production Executive at Tata Motors for TCF Harrier, Harrier EV, and Safari vehicles.

Placements

Sr. No.	Name of Students	Name of Employer
1	Amina Sayyad Nadaf	Z F STEERING GEAR (INDIA) LTD, PUNE
2	Anjali Jotiram Koli	Z F STEERING GEAR (INDIA) LTD, PUNE
3	Shravani Maruti Thorat	Z F STEERING GEAR (INDIA) LTD, PUNE
4	Arjun Netaji Patil	Z F STEERING GEAR (INDIA) LTD, PUNE
5	Tophik H Ghari	Z F STEERING GEAR (INDIA) LTD, PUNE
6	Amina Sayyad Nadaf	Z F STEERING GEAR (INDIA) LTD, PUNE
7	Anjali Jotiram Koli	Z F STEERING GEAR (INDIA) LTD, PUNE
8	Shravani Maruti Thorat	Z F STEERING GEAR (INDIA) LTD, PUNE
9	Arjun Netaji Patil	Z F STEERING GEAR (INDIA) LTD, PUNE
10	Amina Sayyad Nadaf	Z F STEERING GEAR (INDIA) LTD, PUNE
11	Anjali Jotiram Koli	Z F STEERING GEAR (INDIA) LTD, PUNE
12	Amina Sayyad Nadaf	Z F STEERING GEAR (INDIA) LTD, PUNE
13	Anjali Jotiram Koli	Z F STEERING GEAR (INDIA) LTD, PUNE
14	Shravani Maruti Thorat	Z F STEERING GEAR (INDIA) LTD, PUNE
15	Arjun Netaji Patil	Z F STEERING GEAR (INDIA) LTD, PUNE
16	Tophik H Ghari	Z F STEERING GEAR (INDIA) LTD, PUNE
17	Amina Sayyad Nadaf	Z F STEERING GEAR (INDIA) LTD, PUNE
18	Anjali Jotiram Koli	Z F STEERING GEAR (INDIA) LTD, PUNE
19	Shravani Maruti Thorat	Z F STEERING GEAR (INDIA) LTD, PUNE
20	Arjun Netaji Patil	Z F STEERING GEAR (INDIA) LTD, PUNE
21	Tophik H Ghari	Z F STEERING GEAR (INDIA) LTD, PUNE
22	Amina Sayyad Nadaf	Z F STEERING GEAR (INDIA) LTD, PUNE
23	Anjali Jotiram Koli	Z F STEERING GEAR (INDIA) LTD, PUNE
24	Shravani Maruti Thorat	Z F STEERING GEAR (INDIA) LTD, PUNE
25	Amina Sayyad Nadaf	Z F STEERING GEAR (INDIA) LTD, PUNE

Placements

Sr. No.	Name of Students	Name of Employer
26	Anjali Jotiram Koli	KNAUF CEILING SOLUTIONS, PUNE
27	shravani Maruti thorat	KNAUF CEILING SOLUTIONS, PUNE
28	Pranav Raju Dumale	KNAUF CEILING SOLUTIONS, PUNE
29	Adarsh Kamble	KNAUF CEILING SOLUTIONS, PUNE
30	Vallabh Narayan Badare	KNAUF CEILING SOLUTIONS, PUNE
31	Parshwnath Desai	KNAUF CEILING SOLUTIONS, PUNE
32	Pranav Ghanvat	KNAUF CEILING SOLUTIONS, PUNE
33	Yash Chowgule	KNAUF CEILING SOLUTIONS, PUNE
34	Arjun Netaji Patil	KNAUF CEILING SOLUTIONS, PUNE
35	Samarjit Yuvraj Patil	JOHN DEERE INDIA PVT. LTD, PUNE

NSS Activities

Blood Donation Camp

To honor great freedom fighter Vinayak Damodar Savarkar on occasion of his death anniversary, a blood donation camp was organized at Ashokrao Mane Polytechnic, Vathar tarf Vadgaon. The event aimed to promote the spirit of social service and encourage students and faculty to contribute to a noble cause by donating blood. The blood donation camp was organized jointly with Sanjeevan Blood Bank, Kolhapur. The blood donation camp, was successful. The large number of people who attended and the positive impact of the event reaffirmed the importance of such charitable activities. The college aims to keep organizing such events in a bid to positively impact society.

Swetar Donate Event

On Wednesday, 4th December 2024 the NSS committee of Ashokrao Mane Polytechnic, Vathar organized a donation drive of "Swetar Donate Event". This event was held at Prathamic Madhyamic Ashramshala,Peth vadgoan and Aniket Niketan Balgruh, Kolhapur. A Visit was made to Ashram Shala to make the donation of warm clothing and to spend time with the homeless and below Poverty Children.

Theme of Next Issue - Composite Materials

The responsibility of the authenticity of the information in this Newsletter lies with the author. Views expressed by the authors are solely theirs; they are neither the views of Mechanical Engineering Department nor are they endorsed by Mechanical Engineering Department. Queries, comments, feedback and information may be sent to ampvmechdept@gmail.com. Edited, Printed and Published by Mr. S. N. Yadav, H. O. D.- Mechanical Engineering, Ashokrao Mane Polytechnic, Vathar Tarf Vadgaon, 416112,Website - www.amietv.org.