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AMP NEWSLETTER

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EXCELLENT GRADE BY MSBTE

Shri Balasaheb Mane Shikshan Prasarak Mandal Ambap's

ASHOKRAO MANE POLYTECHNIC

Vathar tarf Vadgaon, Tal.-Hatkanangale, Dist.-Kolhapur-416112 (Maharashtra)

INSIDE

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Editor
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Mr. S. B. Lambe
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Mr. P. T. Hasabe
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ABOUT INSTITUTE

Shri Balasaheb Mane Shikshan Prasarak Mandal Ambap's, Ashokrao Mane Polytechnic, Vathar Tarf Vadgaon (AMPV) was established in 2008 and is located near Kolhapur. This Institute has AICTE approval for the seven diploma engineering programs. Under the visionary leadership and administration, AMPV has emerged as a leading technological institute and is a perfect destination for quality technical education. The institute has NBA-accredited programmes, 100% placements in MNCs, the best academic results, and well-established labs. The institute has also been honored with notable awards such as the Best Faculty Chapter Award(Diploma) Maharashtra Goa Section by ISTE Delhi, the Best Engineering College in Maharashtra by ABP Maza, the National Excellence Award by the Indian Society for Technical Education, and the State-level Vidyasevak award by Anna Bhau Sathe Prathisthan.

AMP believes in providing students with hands-on training that will further hone their technical skills with soft skills. We believe in giving our students a competitive advantage in the business world. The institute always encourages students to create innovative projects through which students have developed different scaled, engineering, and architectural models.

Apart from the curriculum prescribed by the Maharashtra State Board of Technical Education (MSBTE), our college designs and implements customized special programs tailored to meet specific industry requirements and emerging priorities. To maintain high academic standards, periodic quality audits are conducted, focusing on effective teaching methodologies, efficient classroom management, accurate documentation, and the judicious review of the teaching–learning process. The institute also boasts a robust placement infrastructure and has maintained a consistent track record of excellent placements.

The institute is always engaged in community development through NSS programs like Eco-friendly Ganesh Visarjan, Tree Plantation, Fire Safety Awareness Program, and Charity work.

VISION

Achieve excellence in quality technical education to create competent technocrats with ethical and social responsibilities for the betterment of society.

MISSION

M1 - To provide a scholarly and vibrant learning environment that enables students to achieve professional growth.
M2 - To impart quality technical education with emerging technology to fulfill industrial requirements.
M3 - To develop a culture for holistic development of an individual, including social as well as ethical responsibilities.
M4 - To strengthen relationships with industries for empowering the students to work in adverse conditions.

YOUNG INSPIRATORS NETWORK Inspire. Network. Deliver
INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)
GREEN CLUB
Skill India कौशल भारत-कुशल भारत

MESSAGE FROM PRESIDENT, BMSPM AMBAP

Hon. Shri Vijaysinh Mane

President, BMSPM, Ambap

Dear Students, Faculty, Alumni, and Readers,

It is with immense pride and joy that I address you through this edition of our college newsletter. Our institution has come a long way in its journey to become a leading name in diploma engineering education, and it is truly a moment of celebration and reflection for all of us. Over the years, our college has consistently demonstrated its commitment to excellence in technical education. We have strived to blend academic rigor with hands-on experience, preparing our students to meet the demands of a rapidly evolving world. This commitment has been recognized by industry leaders, academic peers, and society at large, positioning us as a benchmark for quality diploma education.

Our Ashokrao Mane Group, fondly known as AMG, is not just a collection of academic departments but a vibrant community united by a shared mission: to deliver excellence in education while fostering innovation, ethical values, and a deep sense of responsibility toward society. In technical education, we continue to equip students with the skills and knowledge to excel in engineering and technology. Our medical and pharmaceutical colleges are shaping future healthcare professionals committed to advancing patient care and medical research. Meanwhile, our schools lay a strong foundation for young minds, instilling curiosity, creativity, and a thirst for knowledge.As we move forward, I encourage all of you to embrace this journey with enthusiasm and purpose. Together, we will continue to build a group of educational institutions that not only imparts knowledge but also shapes futures, transforms lives, and contributes to the betterment of society.

MESSAGE FROM DIRECTOR, BMSPM AMBAP

Hon. Mrs. Manisha Mane

Director, BMSPM,Ambap

As we reflect on what we have achieved so far, it has been a period of accelerated growth towards achieving our vision. We have created a home for the mind, body, and spirit, like a center for health and wellness at the heart of our campus. Through our Diploma Engineering Institute, we are equipping students with the technical expertise, practical skills, and innovative mindset needed to thrive in a new technological era across creative and industry-driven fields. It is encouraging to see our students achieving great heights of success and making a mark in their chosen domains.

All this has been made possible by the collective efforts of our faculty, industry partners, and supporters. Our well-educated and experienced faculty continually enhances their knowledge and skills through various faculty development programs and specialized training initiatives. Their unwavering dedication and hard work have greatly contributed to positioning us as a leading institution in the region.

This newsletter celebrates these accomplishments and many more. My best wishes to all of you for continued learning, growth, and excellence.

MESSAGE FROM PRINCIPAL AMP VATHAR

Hon. Dr. Y. R. Gurav

Principal AMP Vathar

It is a great pleasure for me to welcome you to Ashokrao Mane Polytechnic. In this very dynamic and competitive educational environment, the college is in the process of providing quality education and repositioning itself to meet the challenges. Meeting and coping with emerging challenges is the primary function of today's students. To do this, it requires keen perception, flexibility, and the ability to merge theories into action plans. We believe in providing students with hands-on training that will further hone their technical skills with soft skills.

We believe in giving our students the competitive advantage in the business world by encouraging them to be inquisitive and make informed choices. Apart from the prescribed curriculum by the MSBTE, our college structures customized special programs based on specific requirements of the industry with a focus on priorities. Periodic quality audits are conducted to ensure effective teaching, classroom management, efficient documentation, and judicious review of the teaching and learning process. Ashokrao Mane Polytechnic is committed to playing a key role in creating an ambience for nurturing the leaders of tomorrow. In doing so, we hope to make significant contributions to the development of the country and improvement in the quality of life of its citizens. I welcome you to explore our college as we commit ourselves to reaching even greater heights.

INDUCTION PROGRAM -FY STUDENTS

The Department of Applied Science and Humanities of Ashokrao Mane Polytechnic, Vathar Tarf Vadgaon, organized a one-week induction program from 4th to 8th August 2025 for newly admitted first-year diploma engineering students. Transitioning from school life to college life is one of the most exciting and slightly challenging phases in every student's life.

The program was inaugurated by the Hon. Principal, Dr. Y. R. Gurav, in the presence of the Academic Coordinator, Mr. P. T. Hasbe; the Head of the Department of Applied Science and Humanities, Mr. N. Y. Patil; and the respected Heads of all departments. On this occasion, the Hon. Principal guided the students and felicitated those who secured more than 90% marks in the SSC Examination 2025.

INDUCTION PROGRAM -DSY STUDENTS

The induction program for the Artificial Intelligence and Machine Learning Engineering Department at Ashokrao Mane Polytechnic was conducted on 1st July 2025. The program commenced with a warm welcome by the Head of the Department, who extended greetings to the Hon. Principal, Dr. Y. R. Gurav, and the newly admitted students. On this occasion, the department toppers were congratulated and felicitated with sets of notebooks in appreciation of their outstanding academic performance, motivating the

students to strive for excellence in their academic journey.The Head of the Department and faculty members addressed the students, sharing important academic instructions and departmental rules, thereby creating a strong and positive beginning to the new academic year.

A New Chapter Begins: On 1st July 2025, Department of Automobile Engineering welcomed the second-year students to the Department with an inspiring SY Induction Program. This day marked the beginning of an exciting academic journey, where knowledge meets innovation and young minds are shaped into the engineers of tomorrow.

ENGINEERS DAY

On the occasion of Engineers' Day on 15/09/2025, the Civil Engineering Department organized a special program to pay tribute to Sir M. Visvesvaraya, the legendary civil engineer and Bharat Ratna awardee. As part of the celebration, students showcased their talent and creativity by preparing a working model of the Chenab Railway Bridge, the world's highest railway bridge located in Jammu and Kashmir. The model highlighted the structural features, design techniques, and construction challenges of this engineering marvel. The bridge, which stands taller than the Eiffel Tower, represents the excellence of Indian engineering in modern infrastructure development.The event was inaugurated by Hon. Shri Vijayshingh Mane, President of Shree Balasaheb Mane Shikshan Prasark Mandal, who appreciated the efforts of the students and faculty members in promoting innovative and practical learning experiences.

He also encouraged students to follow the ideals of Sir M. Visvesvaraya and contribute to nation-building through engineering excellence.

On the occasion of Engineers' Day, the Artificial Intelligence and Machine Learning Engineering Department of Ashokrao Mane Polytechnic organized an "AI Model Making" competition for AIML students on Friday, 15th September 2025. The event was inaugurated by Shri Vijaysingh Mane, President of Balasaheb Mane Shikshan Prasarak Mandal and Director of Kolhapur District Central Cooperative Bank, in the presence of Prof. Y. R. Gurav, Principal of AMPV; Ms. S. I. Mulla, Head of the AIML Department; and other dignitaries.

ENGINEERS DAY

On the occasion of Engineer's Day, the Department of Mechanical Engineering, in association with MESA, successfully launched the "Mechanically Operated Eagle (Garud)" project in the Mechanical Engineering Department corridor at Ashokrao Mane Polytechnic, Vathar, on Friday, 15th September 2025. The project was developed by the students of the Mechanical Engineering Department under the guidance of Mr. S. N. Yadav, Head of the Mechanical Engineering Department, Mr. R. D. Nagvekar, Project Coordinator, along with the workshop staff.

The display was inaugurated by Hon. Vijaysinh Mane Saheb, President, AMG, in the esteemed presence of Principal Dr. Y. R. Gurav, Head of the Mechanical Engineering Department Mr. S. N. Yadav, other distinguished dignitaries and students.

The Garud mechanism is a decorative automaton based on the inversion of a slider-crank mechanism, wherein continuous rotary motion is converted into oscillatory motion. This motion is then transferred to a stylized figure of Garud (a bird) and its wings, demonstrating the effective application of mechanical linkages in an engaging and educational manner.

On the occasion of Engineers Day, the Department of Computer Engineering organized an event titled "Representation of Generations of Computers" on 15th September 2025. The event was inaugurated by Hon. Shri Vijaysinh Mane, President of Shree Balasaheb Mane Shikshan Prasarak Mandal, along with Principal Dr. Yuvraj Gurav. During the program, students presented detailed information on the various generations of computers and the evolution of operating systems. They highlighted key advancements such as the transition from punch cards to graphical user interfaces, the rise of microprocessors, and the development of portable and high-performance computing systems.

On the occasion of Engineer's Day on 15th September 2025, the Electrical Engineering Department organized an exciting Tower Making Competition to foster creativity, teamwork, and problem-solving skills among students. The activity truly reflected the spirit of engineering, where innovation meets structural stability.

ENGINEERS DAY

In this competition, participants were tasked with designing and building a tower using simple materials such as straws, newspapers, ice-cream sticks, and cardboard, all within a limited time frame. The challenge encouraged students to think critically and use available resources efficiently.

On the occasion of Engineers' Day, the Automobile Engineering Department organized a special program showcasing a Hybrid Car Craft Model prepared by the students. The model demonstrated the basic working principles of hybrid vehicle technology, highlighting the integration of conventional engines with electric power systems and emphasizing its importance in sustainable transportation. The program was inaugurated by honorable Shri Vijaysingh Mane, President of Balasaheb Mane Shikshan Prasarak Mandal, in the presence of Hon. Principal, Dr. Y. R. Gurav.

The Hon. President appreciated the innovative efforts of the students and encouraged them to adopt emerging technologies in the field of automobile engineering.

On 15th September 2025, the Electronics and Computer Engineering Department enthusiastically celebrated Engineer's Day by organizing a vibrant poster presentation event for students. The program was inaugurated at the auspicious hands of Honorable Mr. Vijaysinh Ashokrao Mane, whose presence added great inspiration and prestige to the occasion. A total of 62 groups participated, showcasing their creativity and knowledge on a variety of contemporary topics such as Renewable Energy Resources, The Use of Digital Tools in Daily Life, IoT Applications, Awareness of Cybercrime, and Biodiversity. The event served as an excellent platform for students to explore and present innovative ideas.

EXPERT LECTURE

On 8th September 2025, Mr. Amit Gurav, Technical Manager and Trainer at Trendy Wheels Pvt. Ltd., delivered an expert lecture on "Latest Technology in Automobile." The session introduced students to innovative developments such as electric and hybrid vehicles, smart driving systems, and other recent advancements in the automobile industry.

The Computer Engineering Department of Ashokrao Mane Polytechnic, Vathar Tarf Vadgaon, successfully organized an expert lecture on "Advanced Cloud Computing" on 25th September 2025. The objective of the session was to provide students with practical knowledge and an in-depth understanding of advanced cloud computing technologies. The lecture was delivered by Mr. Ranjit Vandakar, Managing Director of Bits Techo, who shared his expertise on various cloud platforms, deployment strategies, and hands-on practices, thereby enhancing the students' technical understanding.

On 4th October 2025, the Applied Science and Humanities Department arranged an expert lecture on the topic "Life Skills for Success" for first-year students. The lecture was delivered by Mrs. Saurabhi Patil, a Life Transformation Coach from Ichalkaranji. During the session, students gained essential knowledge about life skills, which form the foundation of a successful and confident human life.The speaker emphasized the importance of self-discipline, effective communication, time management, and positive thinking in both academic and personal growth.

EXPERT LECTURE

On 8th August 2025, the Department of Electronics and Computer Engineering organized a guest lecture on "Implementation of Innovative and Startup Ideas" for Second-Year Diploma students. The session was conducted by Mr. Suryakant Dodmise, CEO of Siddham Innovation and Business Incubation Center, Kolhapur, and focused on inspiring students to think creatively and pursue entrepreneurial ventures.

During the lecture, students learned how to transform ideas into startups, develop effective business plans, and leverage incubation support, funding opportunities, and marketing strategies. Mr. Dodmise shared real-life success stories that motivated students to explore innovative solutions and actively engage in entrepreneurship. The session also emphasized the importance of market research, problem identification, teamwork, and perseverance in building successful startups.

An expert lecture was successfully organized by the Electrical Engineering Department on 11th August 2025. The session was conducted by Mr. Ratnakar Mohite, Deputy Executive Engineer, Mahavitaran, Kolhapur, who shared his valuable knowledge and professional experience with the students. The lecture aimed to enhance students' awareness and understanding of the essential precautions and technical knowledge required while working with or around electrical energy systems.

Mr. Mohite provided an insightful overview of the functioning of the power system, explaining key components and their roles in ensuring an efficient and reliable power supply. He also discussed important technical terms commonly used in power systems, helping students strengthen their conceptual clarity. Additionally, the session highlighted recent trends and advancements in the power sector, offering students a broader perspective on emerging technologies and modern industry practices.

पुण्य नगरी

महावितरणच्या अधिकाऱ्यांचा विद्यार्थ्यांशी संवाद

कोल्हापूर : नव्याने होऊ घातलेल्या विद्युत अभियंत्यांना वीज यंत्रणेची ओळख व्हावी, त्यांना त्यातील बारकावे समजावेत, तसेच महावितरणच्या सध्या सुरू असणाऱ्या विविध योजना, बिलिंग पद्धती तसेच टीओडी मीटर अशा विविध विषयांवर महावितरणच्या अधिकाऱ्यांनी अशोकराव माने पॉलिटेक्निक कॉलेज वाठार येथे डिप्लोमा करत असलेल्या इलेक्ट्रिकल इंजिनिअरिंगच्या विद्यार्थ्यांसोबत संवाद साधला. महावितरणचे कार्यकारी अभियंता (प्रशासन) महसू मिसाळ, उपकार्यकारी अभियंता रत्नाकर मोहिते यांनी 'रिसेंट ट्रेंडस् इन पॉवर सिस्टिम्स' या विषयांतर्गत मार्गदर्शन केले. प्राचार्य डॉ. युवराज गुरव व विविध विषयांचे प्राध्यापक उपस्थित होते. शेतकऱ्यांना दिवसा वीजपुरवठा करणारी मुख्यमंत्री सौर कृषी वाहिनी योजना, पंतप्रधान सूर्यघर योजना, मागेल त्याला सौर कृषी पंप आदी योजनांची माहिती दिली. सभोवतालच्या ग्राहकांचे टीओडी स्मार्ट मीटरसंदर्भात प्रबोधन करण्याविषयी विद्यार्थ्यांना विनंती करण्यात आली.

Kolhapur Edition
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INDUSTRIAL VISIT

On 18th September 2025, the Electronics and Computer Engineering Department organized an industrial visit for second-year students to "Siddham Innovation and Business Incubation Center" Kolhapur, an entrepreneurship-focused company in Kolhapur. This visit provided students with valuable insights into startup culture and innovation. Siddham Innovation and Business Incubation Center motivated the students to think creatively and consider entrepreneurial ventures, encouraging them to develop new ideas and explore opportunities for launching their own startups.

The Civil Engineering students visited an active road construction site to gain firsthand exposure to the processes, materials, and techniques involved in modern roadway development. The primary objective of the visit was to understand the sequential construction stages of a road, observe the functioning of construction machinery, and relate classroom knowledge to on-site practices.

The Electrical Engineering Department successfully organized an industrial visit to the Warana Hydro Power Station for second-year Electrical Engineering students on 20th September 2025. The visit was arranged with the objective of providing students with practical exposure to hydroelectric power generation and its significance in the modern power sector.

During the visit, students gained a clear understanding of the working principles of hydro turbines, generators, and various control systems used in hydroelectric power stations. The technical staff at the plant explained how the potential energy of stored water is converted into mechanical energy and subsequently into electrical energy, thereby helping students connect theoretical concepts with real-world applications. Students also learned about water resource management, efficient utilization of renewable energy sources, and the crucial role of hydroelectric power in meeting the increasing energy demands of society. Observing the operation and maintenance of the plant's equipment further enriched their knowledge of power generation, system stability, and safety practices.

INDUSTRIAL VISIT

On October 9th, 2025, the students of the Automobile Engineering Department took a deep dive into the world of Hybrid Electric Vehicles (HEVs) during their visit to the SONAK Toyota showroom. From understanding the mechanics behind HEVs to learning about Toyota's innovations in eco-friendly technology, the day was a perfect blend of theory and practice."

An Industrial Visit was successfully conducted by the Artificial Intelligence and Machine Learning Engineering Department for Second Year AIML Engineering students on Friday, 03/10/2025. The purpose of this visit is to provide students with exposure to real-world applications of Artificial Intelligence, Machine Learning, and Information Technology, and to facilitate interaction with industry professionals to gain an understanding of current trends, tools, and work practices in the tech industry.

An Industrial Visit was successfully conducted by the Mechanical Engineering Department for Second Year Mechanical Engineering students on Wednesday, 30/07/2025. The Visit was arranged at "CASTCO & Alloy Steels (Mayura Group Of Industries) Shiroli MIDC, Kolhapur 416122". The purpose of this visit was to gain exposure to actual work practices in industry and interaction with industry professionals. A total of 50 Students were present for the visit.

The visit was arranged for the subject,

1. Production Drawing
2. Basic Electrical and Electronics
3. Computer-Aided Drafting.

A field visit to Kalammawadi Dam was organized by the Department of Civil Engineering of Ashokrao Mane Polytechnic, Vathar, to provide students with practical exposure to large-scale water resource projects. The visit aimed to bridge the gap between classroom learning and real-world engineering applications. The visit provided students with valuable practical knowledge about dam engineering, hydropower systems, and water management techniques. They were able to connect theoretical concepts such as hydraulic design, load distribution, and energy conversion with their practical applications.

FACULTY SPEAK

Mrs. A. N. Patil
Lecturer,
Department of Electronics and Computer Engineering

Drones And Their Types

- Consumer Drones:

Small drones are primarily used for recreation, photography, and videography. They are lightweight, easy to operate, and usually have basic cameras and GPS stabilization. Popular examples include the DJI Mini series and the Parrot Anafi. Use cases include aerial photography, travel videos, and hobby flying.

- Commercial Drones:

Designed for professional applications like delivery, agriculture, and surveying. They are more robust, have longer battery life, and can carry advanced sensors and payloads. Examples include the DJI Matrice series and the SenseFlyeBee. Use cases include crop monitoring, package delivery, and construction site mapping.

- Industrial / Military Drones:

Used for surveillance, defense, logistics, and high-risk operations. These drones have high endurance, sophisticated sensors, and can carry large payloads. Examples include MQ-9 Reaper and RQ-4 Global Hawk. Use cases include border patrol, reconnaissance, disaster response, and infrastructure inspection.

Miss. T. S. Patil
Lecturer,
Department of Civil Engineering

AI for Sustainable and Green Civil Engineering Practices

Sustainability has become a central focus in modern civil engineering, and Artificial Intelligence (AI) is emerging as a powerful tool in advancing environmentally responsible practices. AI enables engineers to analyze vast datasets related to materials, energy use, and environmental impact, helping them design structures that are both efficient and eco-friendly.

AI also plays a significant role in enhancing environmental monitoring and resource management. Intelligent systems can forecast air quality, manage water distribution networks, and predict flooding or drought conditions using real-time data. This predictive capability allows engineers to develop proactive solutions that minimize environmental damage and support sustainable development.

Ms. M. S. Patil
Lecturer,
Department of Electrical Engineering

Enhancing Teaching, Research, and Practical Knowledge Through AI

The integration of Artificial Intelligence (AI) in Electrical Engineering has revolutionized the way educators teach, students learn, and researchers innovate. AI has transformed traditional academic practices into dynamic, data-driven, and application-oriented approaches that bridge the gap between theory and industry needs. This shift has brought new clarity, relevance, and depth to classroom instruction, research activities, and practical training. AI-powered tools and models provide immense support in teaching advanced topics such as smart grids, adaptive protection systems, load forecasting, and industrial automation. Today, AI-based simulations allow students to visualize real-world power system operations, analyze grid behavior, and experiment with different load and fault conditions in a virtual environment.

STUDENT SPEAK

Mr. Viraj Powar
Student,
Department of AIML Engineering

Conversational AI

Conversational AI is artificial intelligence that enables computers to understand, process, and produce human-understandable language. In this article, we will learn about Conversational AI and how it works. We will also understand the advantages and challenges associated with it. Conversational AI is an advanced form of artificial intelligence designed to communicate with humans in a way that feels natural, intelligent, and seamless. It combines technologies like natural language processing, machine learning, speech recognition, and large language models to understand human language, interpret emotions or intent, and generate accurate, context-aware responses. Conversational AI powers chatbots, virtual assistants, automated customer support systems, and voice-controlled applications that can answer questions, solve problems, guide users, and even engage in meaningful dialogue. Unlike traditional rule-based systems, conversational AI learns and improves over time, becoming more accurate and personalized with each interaction.

Ms. Harshada Patil
Student,
Department of Computer Engineering

Metaverse and Virtual Reality

The Metaverse and Virtual Reality(VR) are transforming how people interact with technology by creating immersive digital environments. Virtual Reality allows users to experience computer-generated worlds through headsets and motion controllers, while the Metaverse connects these virtual spaces into a shared, interactive digital universe. These technologies are reshaping industries by making digital experiences more realistic and engaging.

Applications of Metaverse and Virtual Reality

•Education: Virtual classrooms, 3D learning environments, and virtual labs for a better understanding of complex subjects.

•Gaming: Immersive games with real-time interaction and realistic virtual worlds.

•Healthcare: Virtual therapy, surgical training, and mental health treatments using simulated

Miss. Najiya A. Sutar
Student,
Department of Mechanical Engineering

Composite Materials

Composite materials have become an essential class of advanced engineering materials due to their superior mechanical, thermal, and environmental performance. A composite is formed by combining two or more distinct materials—typically a high-strength reinforcement embedded within a continuous matrix—to achieve properties unattainable by the individual constituents alone. The reinforcement, such as fibers, particles, or whiskers, provides strength and stiffness, while the matrix (polymer, metal, or ceramic) ensures load transfer, structural integrity, and environmental protection. This unique combination allows engineers to tailor composite properties to meet specific functional and structural requirements. Modern composites are broadly categorized into polymer-matrix composites (PMC), metal-matrix composites (MMC), ceramic-matrix composites (CMC), hybrid composites, and sandwich structures.

STUDENT ACHIEVEMENTS

Mr. Kaushik K Aradhye of SY Civil secured a Winning Place in CAD- Clash Event Organized at Sharad Institute of Technology, Polytechnic, Yadrav

Ms. Shweta Masal and Ms. Anushka Kumbhar of the Electronics and Computer Engineering Department (SY E&CO) secured 2nd Rank in the "Paper Presentation Competition" organized at Sharad Institute of Technology, Yadrav.

Mr. Suraj Sanjay Patil (S. Y. Mech.) Secured third rank in the CAD WAR competition organized at Sa. Re. Patil Institute of Technology, Shirol

Mr. Kunal Patil of FY Mechanical secured a Winning Place in the Assembly Champ Event Organized at Ashokrao Mane Polytechnic Vathar tarf Vadgaon

FY Computer Engineering Student Komal Salokhe secured 1st Rank in Poster Presentation Competition Organized at Ashokrao Mane Polytechnic Vathar tarf Vadgaon

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Certificate of Publication

The Board of
Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162)
Is hereby awarding this certificate to
Ms. Tanvi Shrikant Patil
In recognition of the publication of the paper entitled
A Review on Industrial Training Experience for Engineering students
Published In JETIR (www.jetir.org) ISSN UGC Approved (Journal No: 63975) & 7.95 Impact Factor
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JETIR2509523 Research Paper Weblink http://www.jetir.org/view?paper=JETIR2509523 Registration ID : 569798

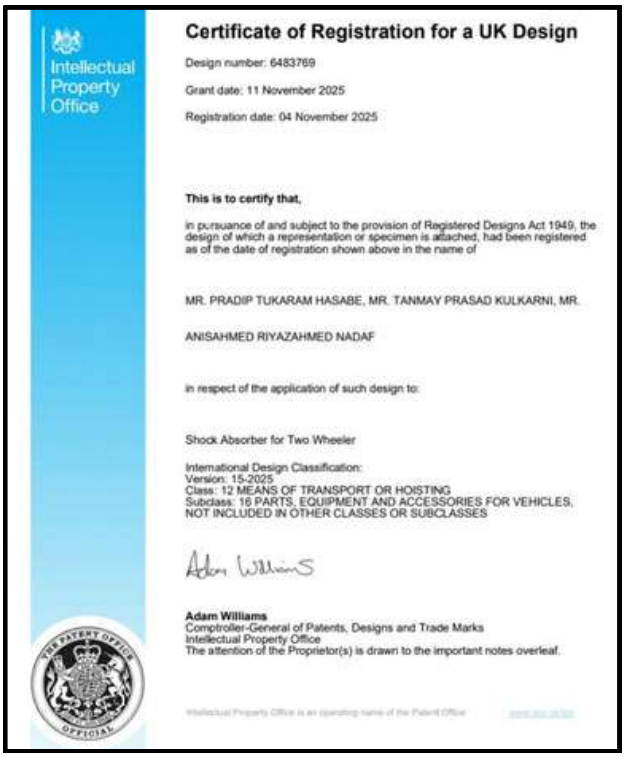
Miss. Tanvi S. Patil, Miss. Tejashri S. Gondhali and Miss. Pranali S. Salape of Third Year Mechanical Engineering have published a review paper on " Industrial Training Experience for Engineering Students."

FACULTY ACHIEVEMENTS

Ashokrao Mane Polytechnic is proud to announce that the ISTE Faculty Chapter of the institute has been conferred with the “Best Faculty Chapter Award” for Diploma Colleges by the ISTE Maharashtra and Goa Section. This prestigious recognition reflects the continuous efforts of the faculty members in promoting technical education, professional development, and innovative teaching–learning practices.

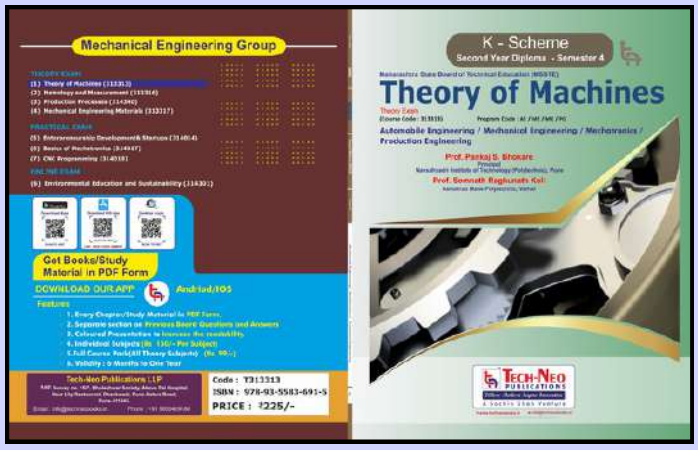
The award acknowledges the chapter’s active participation in academic activities such as expert lectures, workshops, seminars, faculty development programs, and student-centric technical events. The achievement highlights the institution’s commitment to academic excellence and the dedicated contribution of its faculty toward enhancing the quality of technical education.

Mr. B.Y. Ghatge has been awarded the highly respected 'Adarsh Shikshak Puraskar 2025' by the Dr. Sujit Minachekar Foundation. This award celebrates his long-standing commitment to education and his instrumental role in shaping the careers of our students. Mr. Ghatge’s dedication to mentorship, career development, and fostering academic excellence has been invaluable to the institution, and this recognition underscores his tireless efforts in making a difference in the lives of his students."

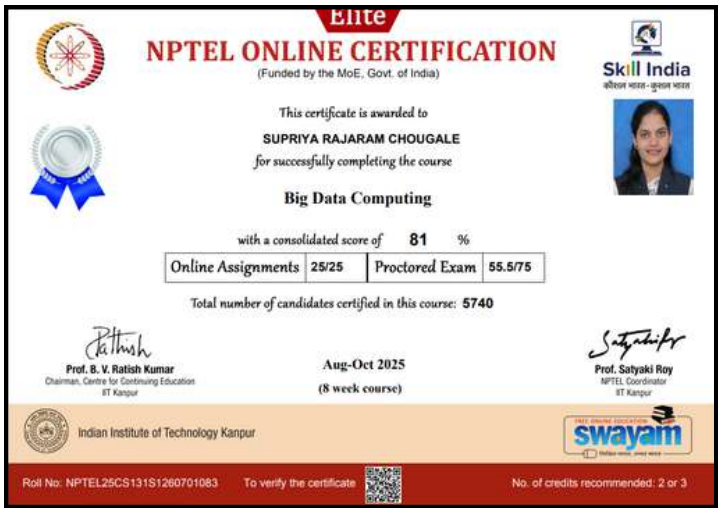


Mr. P. T. Hasabe, Head of Department, Automobile Engineering, Has Been Granted a UK Patent for His Cutting-Edge Shock Absorber Design Specifically Created for Two-Wheelers.

FACULTY ACHIEVEMENTS



Mr. S. R. Koli, Lecturer in the Mechanical Engineering Department, has published a book on " Theory of Machines".



Ms. S. R. Chougale of AIML department successfully completed the NPTEL course titled Big Data Computing and acquired Silver Medal with 81% marks in Academic Year 2025 - 26

Mr. B. Y. Ghatge, TPO, AMP Vathar, presented a paper on "Bridging Disciplines:A Multidisciplinary Approach to Advancements in Science and Technology" at the National Conference on Multidisciplinary Research in Education, Science and Technology (NCMREST – 2025) Jonnalagadda campus near Narasaraopet, Andhra Pradesh.

Mr. J. M. Jadhav of the Civil Engineering Department presented his research on "Construction Cost Forecasting Using ML Models" at the International Conference on Integrated Research and Sustainable Development (ICIRSD 2025), held jointly with the 45th GISFI Standardization Series Meeting and the International Workshop on "Digitization: Bridging the Present and Future". The event was organized at Ashokrao Mane Group of Institutions, Vathar Tarf Vadgaon.

Ms. R. S. Patil presented a paper entitled Optimizing Lightweight Deep Learning for Real-Time Fabric Defect Detection with Multi-Scale and Small Defect Focus at the 2025 IEEE 4th International Conference for Advancement in Technology during 19th to 21st September 2025.

OTHER ACTIVITIES

ECO-FRIENDLY GANESH VISARJAN

The National Service Scheme (NSS) club of Ashokrao Mane Polytechnic organized a special campaign titled "Eco-Friendly Ganesh Visarjan and Nirmalya Collection" to promote environmental protection and sustainable practices during the Ganesh Chaturthi festival. The aim of the campaign was to raise awareness about the harmful effects of traditional immersion practices and encourage people to celebrate in an environmentally friendly way.

FIRE SAFETY AWARNESS CAMP

A Fire Safety Awareness and Demonstration Program was organized under the NSS club to educate students about fire prevention, emergency response, and the correct use of fire extinguishers. The objective of this activity was to equip students with essential knowledge and practical skills to handle fire-related emergencies safely and confidently.

TREE PLANTATION

Raising awareness about the importance of trees is crucial for offering cleaner air and mitigating the impacts of climate change . The NSS Club of Ashokrao Mane Polytechnic in association with YIN (Young Inspirators Network) of “sakal samuh” had arranged an event of “Tree Plantation ”on 19 th July 2025 to contribute to a greener environment and promote ecoawareness among students .The assistant administrator of YIN Mr. Avdhoot Gaikwad was the chief guest for this event .

OTHER ACTIVITIES

CLEAN CAMPUS DRIVE

A Clean Campus Drive was organized to promote environmental awareness and encourage students to participate in maintaining cleanliness within the institute premises. The drive aimed to instill a sense of responsibility, teamwork, and hygiene among students while contributing to a cleaner and healthier learning environment.

During the activity, students, along with faculty coordinators, cleaned various areas of the campus, including classrooms, corridors, playgrounds, parking zones, and garden spaces. Waste materials—including plastic wrappers, papers, dry leaves, and other litter—were collected and segregated into biodegradable and non-biodegradable categories. Students also participated in sweeping, removing unwanted vegetation, arranging benches, and placing dustbins at appropriate locations. The activity promoted values such as cooperation, discipline, and social responsibility. Students actively engaged in the tasks and worked enthusiastically as a team, making the campus cleaner and more organized.

Abhijat Marathi Bhasha Din

Abhijat Marathi Bhasha Diwas was celebrated with great enthusiasm on Friday, 3rd October 2025, at Ashokrao Mane Polytechnic, Vathar tarf Vadgaon. On this occasion, a grand program was organized, which included image worship, lamp lighting, and a book exhibition highlighting the richness of Marathi literature.

The program and the book exhibition were inaugurated by the Honorable Principal of the college, Hon. Dr.Y. R. Gurav. While guiding the students and faculty members, Dr. Gurav Sir emphasized the classical status accorded to the Marathi language and highlighted its historical, cultural, and literary significance. He also shared valuable insights on the importance of preserving and promoting the Marathi language among the younger generation.

The main speaker of the program, Prof. Alatkar T. U., delivered an informative and engaging one-hour lecture on the topic of the classical Marathi language.

SUCCESS STORY

Er. Shubham Yadav
Owner,
SPD Associates,
Kolhapur

As a proud alumnus of the Civil Engineering Department, I, Er. Shubham Yadav, express my sincere gratitude for the strong academic foundation and professional guidance I received during my time at the institute. When I joined the department, I had ambitious goals but limited exposure to the practical aspects of the civil engineering industry. With the constant support of experienced faculty members, hands-on laboratory work, industrial visits, and project-based learning, I gradually developed a keen interest in structural design and sustainable construction practices.

After completing my diploma, I gained valuable industry experience by working on real-time projects involving site supervision, quality control, and coordination with architects, consultants, and contractors. The technical knowledge and practical skills imparted during my studies—particularly in surveying, CAD drafting, material testing, and construction practices—helped me transition smoothly into professional responsibilities. The emphasis on discipline, teamwork, and problem-solving during my academic journey has played a crucial role in shaping my professional approach.

Today, as the Owner of SPD Associates, Kolhapur, I am proud to contribute to infrastructure development while continuously learning and adapting to new challenges in the field. Looking back, I firmly believe that the Civil Engineering Department of AMP has been instrumental in building my confidence and shaping my career path. I hope my journey serves as a source of motivation for current students to trust their abilities, actively utilize every learning opportunity, and pursue their goals with dedication and perseverance. With the right guidance and consistent effort, success is always achievable

MESSAGE FROM ACADEMIC COORDINATOR

Mr. P. T. Hasbe
HOD - Automobile Engineering,
Academic Coordinator,
AMP Vathar

Dear Students and Faculty members,
It is great to interact with you through this Newsletter. As we reflect on the past academic year, we are filled with a sense of accomplishment and gratitude. Our college has continued to thrive, thanks to the collective efforts of our students, faculty, and staff.This year, we have seen tremendous growth in both our academic programs and extracurricular activities. Our commitment to innovation in education has been reflected in the new courses and projects introduced, all designed to equip our students with the skills needed for the future. The dedication and enthusiasm of our students in their studies and beyond have been truly inspiring.I would like to extend my sincere appreciation to our faculty members for their unwavering support and exceptional guidance. Your contributions are fundamental to our success and have made a significant impact on the development of our students.As we look forward to upcoming year, let us continue to strive for excellence and embrace the challenges and opportunities that lie ahead.

MESSAGE FROM EDITORIAL BOARD

As we wrap up another successful edition of our newsletter, we want to take a moment to express our heartfelt gratitude to each of the contributor. Your valuable insights, contributions and cooperation have been instrumental in successful completion of this newsletter. Your dedication and willingness to share your knowledge have enriched the content of the newsletter and made it more engaging to our readers.
Thank you once again.

Shri Balasaheb Mane Shikshan Prasarak Mandal Ambap's

ASHOKRAO MANE POLYTECHNIC

Vathar tarf Vadgaon, Tal.-Hatkanangale, Dist.-Kolhapur-416112 (Maharashtra)