



Shri Balasaheb Mane shikshan prasarak mandal Ambap's

ASHOKRAO MANE POLYTECHNIC , VATHAR

Vathar Tarf Vadgaon, Tal- Hatkanangle, Dist- Kolhapur 416112

DEPARTMENT OF APPLIED SCIENCE AND HUMANITIES

NEWSLETTER 2024-25

VOL - X, ISSUE - I

THEME-HUMANITIES IN AI

ABOUT INSTITUTE

Shri Balasaheb Mane shikshan prasarak mandal Ambap's, Ashokrao Mane polytechnic (AMPV) was established in 2008 and is located near Kolhapur. This 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 NBA accredited programmes, 100% placement in MNCs, best academic results, well established labs. The institute was also honoured with notable awards.

VISION

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

MISSION

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

ABOUT DEPARTMENT

The department of applied science and humanities is the foundation stone of all diploma courses. It consists of four distinct wings: Physics, Chemistry, Mathematics and English. The department has well - equipped and splendid laboratories of Physics, Chemistry and English. The language laboratories made for offering a unique training of soft skills in English is the cheap attraction of not only the department but also of the college. This, being a base department, has well qualified and well trained staff. They not only teach but also offer quality education to empower and uplift the message morally, culturally and socially.

INSIDE

- About Institute
- Vision
- Mission
- About Department
- Departmental Activities
- Social Activity
- Other Activity
- Student Achievement

EDITORIAL

CHIF. EDITORIAL

Mr.P.M.Patil

EDITORIAL COMMITTEE

Mrs.J.S.Mali

A Message from the Principal's Desk



Principal Dr. Y. R. Gurav

The Department, which has been an integral part of the College ever since its inception offering instruction in Mathematics, Physics and Chemistry to students of the various core branches of engineering, is devoted to foster the understanding of basic scientific principles. The academic programs of this department are designed to meet the requirements of the fast growing technology.

The Department offers several educational programs for undergraduate students. The overriding objectives of these programs are,

To build a strong foundation of basic science for engineers and understand science at work.

To lay strong foundation at the first year stage so that the grasp of engineering streams becomes easily accessible. The clarity of concepts in pure sciences go a long way to help them in engineering streams.

To improve communication skills of students as per the industrial needs.

To understand applications of basic science, so that technology and their advancements can be understood and applied.

To build an ability to understand and interpret the impact of engineering solution for society.

A Message from the HOD's Desk

The basic aim of department of applied science and humanities is to understand the nature not to alter it. Through the application of science and use of technology, the world has changed and will continue to change. Department has knowledgeable and experienced faculty, working sincerely for the progress and the development of the students. The department takes subjects like Physics, Chemistry, Mathematics and English, which provides the foundation for the engineering education



HOD. Mr. P. M. Patil

CURRICULAR & CO-CURRICULAR ACTIVITIES

INDUCTION PROGRAM



The 'Induction Program' was held on 22nd and 23rd August 2024. The inauguration was done by lighting the lamp by Principal Dr. Y.R. Gurav. First Year Head of Department Prof. P. M. Patil gave an introduction and welcome. In the two-day 'Induction Program', the invited dignitaries were guided on various topics, including Prof. B.D. Potdar of TKIT, Warnanagar on the topic of 'Application of Chemistry in Daily Life', Professor Akshay Chavan and Professor Samruddhi Magar Patil of Vivekananda College of Engineering Kolhapur presented their views on the topic of 'Importance of Physics in Engineering'. Adv. Vijaykumar Patil Secretary of Bar Council Islampur gave detailed information about the 'Anti Ragging Act'. Placement Officer of Ashokrao Mane Polytechnic Professor B. Y. Ghatge gave detailed information on the topic 'Placement Opportunity is After Diploma', so the students got information about how there can be job opportunities in renowned companies. On this occasion, Shri R.D. Nagvekar gave detailed information about human health and mental development through yoga and meditation. Hon. Principal Prof. Y.R. Gurav sir guided the students. head of all the departments were present for this event.

celebeated Teacher Day on 5 th sept. 2024



Celebrated Reading Inspiration Day on 15th Oct. 2024



GRAND GARBHA-DANDIYA

On 11th October 2024, Grand Garba-Dandiya festival celebrated on the occasion of Dasara festival,



SELF-DEFENSE WORKSHOP



A “Self-Defense Workshop” aimed at creating awareness among 1st year Engg. girl students about self - defense techniques was organized on 22nd Nov. 2024 in seminar hall under the Vishkha Committee Mr.Aniket Shinde and Miss Rajashila shinde National level Karate players. addressed the girls and demonstrate several Self - Defense techniques

INDUSTRIAL VISIT



Industrial Visit to Castco Pvt. Ltd.
Manufacture of steels casting ..

SCHOOL CONNECT PROGRAM



School Campaigning Program for SSC student

SOCIAL ACTIVITY



Under the guidance of principle Dr. Y. R. Gurav sir food distribution drive was organized the volunteers distributed the food packets in the surrounding villages slum areas locality slum areas, sugarcane workers.



Har Ghar Tiranga Abhiyan is an initiative under the larger Azadi Ka Amrit Mohotsav, launched by the government of India to commemorate 75 years of India's independence. The Har Ghar Tiranga Abhiyan was successful in its launch and has become a significant part of Independence Day Celebrations in India



NSS committe has arranged the Fire Safety Training (Demo on awareness and handing of fire extinguisher)



NSS Committe has arranged the Tree Plantation (Vrukshotsav) under the National Service Scheme on 19th june 2024



Mrs.T.U.Alatkar
Lecturer

It has the potential to transform various aspects of our society, economy, and culture, as well as to create new opportunities and challenges for human development and well-being. However, AI also raises many complex and profound questions that go beyond the technical and scientific domains. These questions concern the ethical, social, and cultural implications of AI, such as its impact on human values, rights, dignity, identity, and creativity. How can we ensure that AI is aligned with human interests and aspirations?

How can we foster a more inclusive, diverse, and democratic participation in the design and governance of AI? How can we cultivate a more critical and reflective understanding of the assumptions and narratives that shape our perception and use of AI?

These are some of the questions that the arts and humanities can help us address. The arts and humanities are fields of inquiry that explore the human condition in all its richness and complexity. They encompass disciplines such as history, philosophy, literature, language, art, music, religion, and cultural studies. They offer us valuable insights into the historical, philosophical, and cultural dimensions of AI, as well as alternative perspectives and visions that can challenge the dominant or mainstream views. They also enable us to express and communicate our ideas, emotions, and values through various forms of creative and artistic expression.

The arts and humanities can help us understand the ethical implications of AI

One of the most important contributions that the arts and humanities can make is to help us understand the ethical implications of AI. Ethics is the branch of philosophy that deals with questions of right and wrong, good and bad, justice and injustice. Ethics is essential for guiding our choices and actions in relation to AI, as well as for evaluating its consequences and impacts on ourselves and others. The arts and humanities can help us identify and articulate the ethical values and principles that should inform our development and use of AI. For example, they can help us define what it means to respect human dignity, autonomy, privacy, fairness, accountability, transparency, and diversity in the context of AI.





Mrs.J.S.Mali
Lecturer

The arts and humanities can also help us examine the ethical dilemmas and trade-offs that may arise from AI. For example, they can help us weigh the benefits and risks of AI for different groups of people or society as a whole. They can also help us consider the moral responsibilities and obligations that we have towards AI agents or systems, especially those that exhibit some form of intelligence or agency. They can also help us explore how these values can be translated into concrete norms and standards that can regulate or govern AI.

The arts and humanities can also help us critically reflect on our own ethical assumptions and biases that may influence our decisions or judgments about AI. For example, they can help us question our own values or preferences that may be based on cultural or social norms or stereotypes. They can also help us challenge our own moral authority or expertise that may be derived from professional or academic credentials or positions.

The arts and humanities can help us understand the social implications of AI. Another important contribution that the arts and humanities can make is to help us understand the social implications of AI. Social implications refer to the effects or influences that AI may have on various aspects of our society or social life, such as our institutions, organizations, communities, relationships, and interactions.

The arts and humanities can help us analyze how AI may affect our social structures or systems, such as our political, economic, legal, educational, or health systems. For example, they can help us examine how AI may enhance or undermine democracy, equality, justice, or human rights in these systems. They can also help us evaluate how AI may create new opportunities or challenges for social innovation or change in these systems.

The arts and humanities can also help us understand how AI may affect our social practices or behaviors, such as our communication, collaboration, cooperation, or competition. For example, they can help us explore how AI may facilitate or hinder our information sharing, knowledge creation, problem solving, or decision making. They can also help us assess how AI may foster or disrupt our trust, cohesion, solidarity, or diversity.





Darshani Patil
First Year - COMP

The arts and humanities can also help us comprehend how AI may affect our social identities or roles, such as our personal, professional, or civic identities or roles. For example, they can help us investigate how AI may enhance or diminish our sense of self, agency, or purpose. They can also help us appreciate how AI may create new possibilities or constraints for our expression, representation, or participation. The arts and humanities can help us understand the cultural implications of AI.

The arts and humanities can help us examine how AI may affect our cultural diversity or plurality, such as the variety or multiplicity of cultures or cultural expressions that exist in our world. For example, they can help us explore how AI may recognize or respect different cultures or cultural perspectives. They can also help us evaluate how AI may promote or threaten cultural diversity or plurality.

The arts and humanities can also help us understand how AI may affect our cultural heritage or legacy, such as the preservation or transmission of cultures or cultural expressions that have historical or artistic significance or value. For example, they can help us investigate how AI may protect or restore cultural artifacts or monuments. They can also help us appreciate how AI may contribute or detract from cultural heritage or legacy.

The arts and humanities can also help us appreciate how AI may affect our cultural creativity or innovation, such as the generation or transformation of cultures or cultural expressions that have aesthetic or artistic significance or value. For example, they can help us discover how AI may inspire or collaborate with human artists or creators. They can also help us assess how AI may challenge or redefine the boundaries or criteria of cultural creativity or innovation.

A third important contribution that the arts and humanities can make is to help us understand the cultural implications of AI. Cultural implications refer to the effects or influences that AI may have on various aspects of our culture or cultural life, such as our beliefs, values, norms, symbols, or narratives.





Atharv Divase
First Year - AIML

The arts and humanities can help us challenge the deterministic and technocratic narratives of AI. A fourth important contribution that the arts and humanities can make is to help us challenge the deterministic and technocratic narratives of AI. Deterministic narratives are those that portray AI as inevitable or unstoppable, as if it were a force of nature or history that we cannot control or resist. Technocratic narratives are those that portray AI as superior or optimal, as if it were a source of authority or expertise that we cannot question or critique.

The arts and humanities can help us challenge these narratives by offering alternative perspectives and visions that can empower us to shape our own future with AI. For example, they can help us imagine different scenarios or outcomes that may result from AI, both positive and negative, and consider their implications and desirability. They can also help us envision different roles or functions that we may have in relation to AI, both active and passive, and consider their feasibility and suitability.

The arts and humanities can also help us challenge these narratives by exposing their underlying assumptions and interests that may be hidden or implicit. For example, they can help us reveal the values or goals that may motivate or justify the development or use of AI, and examine their validity or legitimacy. They can also help us uncover the power structures or relations that may influence or benefit from the development or use of AI, and examine their fairness or accountability.

The arts and humanities can foster interdisciplinary collaboration and dialogue on AI. A fifth important contribution that the arts and humanities can make is to foster interdisciplinary collaboration and dialogue on AI. Interdisciplinary collaboration and dialogue refer to the exchange of ideas, information, insights, and experiences among different disciplines, fields, sectors, domains, or communities that are involved in or affected by AI.





Mr. Ravi Dolli
Managing Director

Chairman - Chandrashekhar Dolli, A Visionary & Core Industrialist had envisioned the fast consumable ground engaging tools, the Wear & abrasive resistant castings market back in the early 80's. With his business punch line **WORK IS WORSHIP**, he founded a number of factories under him. The family run businesses are being led with a team of expert engineers & his son Ravi.

Mayura Group has been Manufacturing & supplying Steel Castings specially Ground Engaging Tools, Tooth points, Sprockets, Idlers, bucket link, & boom parts, The company is a Single Source & a long-term Strategic Supplier to original equipment manufacturers of Hydraulic Excavators and Wheel Loaders and Rope shovels, to customers like: Mahindra, LeeBay, HYUNDAI, DAIMLER, Wabtec etc. The Chairman's long term planning of being No.1 in Tooth Points - Ground Engaging tools, the Wear & abrasive resistant castings in India and being a strategic long term supplier to all the Mining and Construction Equipment manufacturers has come true making us all proud of his remarkable achievement. His stand to be on the World Map and gain the faith of overseas clients is now in the happening. Factories under the flagship of Mayura are : **ALLOY STEELS, Kolhapur , BIG CASTINGS PVT LTD, Belagavi, MAYURA STEELS PVT LTD -UNIT 1, Kolhapur, MAYURA STEELS PVT LTD -UNIT 2, Kolhapur, CASTCO, Kolhapur**

FACULTY ACHIEVEMENTT

Faculty Attended training



STUDENT ACHIEVMENTT

FIRST YEAR TOPPERS

Computer Engineering



**Patil
Harshada
91.18%**



**Patil
Arpita
91.17%**



**Tandale
Sanchit
89.41%**

Mechanical Engineering



**Mohite
Rohan
84.67%**



**Patil
Tanvi
83.44%**



**Mohite
Shubham
80.44%**

Electronics and Computer Engineering



**Patil
shrushti
80.13%**



**Khot
Swaraj
77.63%**



**Patil
Sanika
76.75%**

Electrical Engineering



**Patil
Sanket
87.65%**



**Patil
Prathmesh
79.77%**



**Kharat
Sanika
75.88%**

Civil Engineering



**Mahadik
Samrudhi
80.78%**



**Dange
Pruthviraj
74.11%**



**Patole
Darshani
72.56%**

Automobile Engineering



**Jadhav
Parth
78.33%**



**Jadhav
Namrata
77.11%**



**Patil
Trishala
75.00%**

OTHER ACHIEVMENTT



**Sakshi Patil got 2nd rank in Auto Art,
on the Engineer's Day**



**Dnyanesh Patil got 2nd rank in Poster Presentation,
on the Engineer's Day**

Success Stories



Er. Mayuri Mali
Alumini -2019-20

DON'T GIVE UP, LEARNING TAKES TIME AND NEEDS CONSISTENCY.

I am Mayuri Pundalik Mali, a student of APMV, 2019-20 batch. I will always be grateful and proud to have been a student of APMV, as it played a key role in helping me achieve my dream of joining COEP. Without the guidance and blessings of my teachers, this would not have been possible. I am truly thankful to N. R. Patil Ma'am, Nangre Sir, Gavade Sir, Barawade Sir, Lakade Sir, Aparadh Ma'am, Deshmukh Ma'am, and all the lab assistants for their unwavering support.

My teachers motivated me to take part in paper presentation competitions, which greatly boosted my confidence and helped me hone my presentation skills. They also encouraged me to create a YouTube channel, which allowed me to share my knowledge and passion with a wider audience. Additionally, I had the privilege of serving as President, a role that taught me invaluable leadership and management skills, and helped me understand the importance of organization and teamwork.

I really enjoyed my three years of journey here, filled with learning, fun, and challenges. It has been an unforgettable experience, and I am forever thankful for everything this college has given me.

THEME FOR NEXT ISSUE

CHEMICAL STUFF OF CHEMISTRY



The responsibility of the authenticity of the information in this newsletter lies with the author. Views expressed by the author are solely theirs they are neither the views of first year department nor are they endorsed by first year department. Queries, comments, feedback and information may be sent to ampappsci@gmail.com Edited printed and published by Mr. P. M. Patil, HOD.

First year department. Ashokrao Mane Polytechnic. Vathar Tarf Vadgaon. (416112)

website - www.amietv.org