

Mechanical Engineering :2023-24

Estd. Year 2008

Seats - 36

Institute Vision:

To become leading institute for imparting technical education in rural areas for fulfilling the needs of industry & society.

Institute Mission:

M1: To enhance technical knowledge of students by practical based education.

M2: To strive for good academic results & placements of diploma graduates

M3: To facilitate infrastructure for development of professional skills of students.

Mechanical Engineering Department

Vision:

Become a center of excellence in mechanical engineering for producing competent, creative, mechanical Professionals to meet socio-technical challenges.

Mission:

M1: To provide a platform to the students towards attaining quality education in mechanical engineering.

M2: To sharpen the professional skills of our students & enable them to compete in the complex world by Engaging in industry-institute interactions & various training programs.

M3: To educate students about professional, environmental & ethical responsibilities with leadership and Entrepreneurial qualities for their career development.

Program Educational Objectives (PEO's):

PEO1: Provide socially responsible, environment friendly solutions to mechanical engineering related broad-based problems adapting professional ethics.

PEO2: Adapt state-of-the-art mechanical engineering broad-based technologies to work in multidisciplinary Work environments & demonstrate strong communicative abilities in their professional career.

PEO3: Solve broad-based problems individually and as a team Member communicating effectively in the world work.

Program Specific Outcomes (PSO's):

PSO1: Modern Software Usage: Use Latest Mechanical Engineering Related Software's For Simple Design, Drafting, Manufacturing, Maintenance and Documentation of Mechanical Engineering Components and processes.

PSO2: Equipment And Instruments: Maintain Equipment And Instruments Related To Mechanical Engineering.

PSO3: Mechanical Engineering Processes: Manage Mechanical Engineering Processes By Selecting And Scheduling Relevant Equipment, Substrates, Quality Control Techniques, And Operational Parameters.

HOD's Desk:

It gives me immense pleasure to introduce our Mechanical Engineering Department. The Institute and department has increased the interaction with industry since many years in the form of consultancy services, training, sponsored projects. The department has a vision to become a Centre of excellence in the field of Mechanical Engineering. Departmental strength of highly qualified, experienced, and dedicated faculty along with creative students are working hard to achieve this goal. Department has prepared academic calendar which has a detailed academic as well as other activities schedule.

Our students participate in various co-curricular and extra-curricular activities at state and national level & won awards. Mechanical Engineering Department is well equipped with laboratories. The Department also has a well-equipped Mechanical Workshop for carrying out the practical training in Smithy, Carpentry, Welding, Fitting and Machining. The Mechanical Engineering Department is implementing the outcome based education at all the levels. Pre- placement training is offered to the final year students to make them prepared for the job interviews.

The Department of Mechanical Engineering is putting all efforts to ensure the overall progress of the students. Any suggestions for further improvement will be greatly appreciated.

Faculty Profile of Department



HOD
Name : Mr.V.V.Mali
Qualification: BE
Mechanical Department
Contact No:8329000615



Academic Coordinator
Name : Mr.V.N. Baad
Qualification: MBA
Mechanical Department
Contact No:9970020084



Senior Lecturer
Name : Mr.N.D.Hegade
Qualification: M.Tech
Mechanical Department
Contact No:8605068565



Name : Mr.S.R.Jaiswal
Qualification: BE
Mechanical Department
Contact No:9665187734



Name : Mr.O.R.Gaikwad
Qualification: BE
Mechanical Department
Contact No:7387869383



Name : Mr K.M.Kolawale
Qualification: BE
Mechanical Department
Contact No:7666605075



Name : Mr.B.B.Nanaware
Qualification: BA(English)
Mechanical Department
Contact No:7720031815



Ms.S.P.Dhodmise
Qualification: M.sc(Chemistry)
Mechanical Department
Contact No:8208221250



Name : Mr.I.B.Jadhav
Qualification: (Physics)
Mechanical Department
Contact No:9011556584

Proud Moment of Department

Inter Engineering Diploma Student's Sports Association (IEDSSA) Shot Put Winner trophy & Javelin Throw Runner up trophy received by Mechanical Engineering Department (22-23)



Ms. Gauri Tanaji Dhanawde, (Second Year Mechanical Engineering dept. Student (86.32%) received Award from Hon. Prasad Yawankar Lecturer in KIT,shelave, along with Sport head Mr.Vishwanath Kumbhar & Sport Coordinator Ganesh Padwalkar

Achievements 2022-23

❖ Academic Achievement- Two Toppers of Mechanical Engineering Dept.



Mr. Amol Mude
First Rank- 89.00%



Mr. Omkar Limgire
Second Rank- 87.00%

- ❖ Paper Publication by Faculty - 02
- ❖ Faculty Development Program (FDP) attended by Faculty - 1
- ❖ State Level Faculty department Program organized (FDP) - 01
- ❖ Student Internship in Industry:- 1
- ❖ Students participated in Indoor games and awarded with Runner & Winner.

Student internship/ industrial training

SN	Name of Company	No. of students	Name of Person	MOU with the company
1	NIITAPS Pandharpur	16	Mr. Nilesh.D. Nakhawa	YES

Paper Publication (Year 2022-23)

Sr.	Name of Staff	Details of Paper Published	Name of Journal
1	Mr.V.V.Mali	Gesture Based Shopping Using Deep Learning For Physically Challenged person	International Journal od Advance Research and Innovative Ideas in Education

State Level Faculty Development Program organized by department.

Sr. No	Name of FDP	Date	Duration in Days	Resource Person
1	Unloking cognitive Excellence for Education	23/04/2022 To 25/04/2022	03	Mr.Nanasaheb.M.Sathe Chairmen globe Socio Foundation Solapur Pune



Activity Report-1

Name of Activity organized	State Level Faculty Development Program
Title of the Activity	Social & Life Skill
Date & Time of Activity organized	22/12/2023 to 24/12/2023 at 10:00 AM to 5:00 PM
Venue of the Activity	Seminar Hall, NSP, Korti-Pandharpur
No. of Participants	20
Resource Person	1) Prof.P.G.Pawar(HOD & Chief Coordinator shivaji poly.sangola) 2) Prof.S.S.Kulkarni (HOD,Mech.Engg.Dept.SKN College of Engg.Korti ,Pandharpur) 3) Prof.V.H.Londhe(Principal New Satara Poly.Korti-Pandharpur)
Description: In the current education system, teaching is widely recognized as a profession that requires both a set of academic skills and a set of life skills. This article will explore both sets. Life skills are often overlooked in formal education requirements, but they are necessary for teachers to be successful in their careers. Life skills are essentially those abilities that help promote mental well-being and competence in young people as they face the realities of life. Most development professionals agree that life skills are generally applied in the context of health and social events. With their expertise in social & Life Skill system, engineers play a crucial role in to deal effectively with the demands and challenges of everyday life.	



Industrial Visits

Sr. No.	Name of Industry Visited	Visit Date	Class	No. of Students Visited
1	Menon Bearing Pvt.Ltd,Kolhapur	26/10/2023	TYME	10
			SYME	20

Program Conducted for Personality Development

Sr. No.	Name of Program	Name of Resource Person/Expert	Class	No. of Participants	Duration
1	"Personality Development"	Mr. Bapu.D.Arkas & Mr.Shankar Mane Managing Director, ProAzure Software Solution Pvt.Ltd	TYME And SYME	45	10/04/2023 to 12/04/2023



Program Conducted for Guest/Expert Lecture

Sr. No.	Name of Program	Name of Resource Person/Expert	Class	No. of Participants	Duration
1	Ideal gas	Mr.Dhoiphode Y.S Quality Analyst Globallogic PVT.Ltd, Noida	SY	29	7/10/2022
2	Air Compressor	Mr.Dhoiphode Y.S Quality Analyst Globallogic PVT.Ltd, Noida	TY	26	11/10/2022
3	Details to Assembly	Mr.Jadhav N.S BVG Tech,pune	SY	26	5/11/2022

Activity Report - 1

Name of Activity organized	Expert Lecture
Title of the Activity	Ideal gas
Date & Time of Activity organized	7/10/2022 at 9:00 AM to 12.00 PM
Venue of the Activity	Class Room TY ME, New Satara polytechnic
No. of Participants	29
Name of Organization	Quality Analyst Globallogic PVT.Ltd,Noida
Resource Person	Mr.Doiphode. Y.S.



Activity Report - 2

Name of Activity organized	Expert Lecture
Title of the Activity	Air Compressor
Date & Time of Activity organized	11/10/2022 at 9:00 AM to 12.00 PM
Venue of the Activity	Class Room TY ME, New Satara polytechnic
No. of Participants	26
Name of Organization	Quality Analyst Globallogic PVT.Ltd,Noida
Resource Person	Mr.Doiphode. Y.S.



Activity Report - 3

Name of Activity organized	Expert Lecture
Title of the Activity	Details to Assembly
Date & Time of Activity organized	5/11/2022 at 9:00 AM to 12.00 PM
Venue of the Activity	Class Room TY ME, New Satara polytechnic
No. of Participants	26
Name of Organization	BVG Tech,pune
Resource Person	Mr.Jadhav N.S



Mechanical Department Editorial	
Mr .V.V. Mali	HOD
Mr.S.R.Jaiswal	Lecturer
Mr.A.S.Mude	Student Representative



Editor Desk

Editor
Mr. S.R Jaiswal
Lecturer in
Mechanical Department

Welcome to the latest edition of the Mechanical Department newsletter! As we continue to push the boundaries of engineering and innovation, we are thrilled to bring you the most recent developments, achievements, and insights from our vibrant and dynamic team.

The mechanical field is ever-evolving, with technology progressing at an unprecedented rate. From cutting-edge designs and materials to revolutionary manufacturing techniques, mechanical engineers are at the heart of shaping the future of industries worldwide. Our department is proud to be at the forefront of these advancements, driven by a shared passion for problem-solving and a relentless pursuit of excellence.

This issue brings exciting updates on our recent projects, collaborations, and milestones. We'll also take a closer look at some of the groundbreaking work that is pushing the limits of mechanical design and manufacturing. Whether it's enhancing energy efficiency, developing automation systems, or advancing sustainable solutions, our department's impact on the world around us is undeniable.