

Mechanical Engineering :2021-22

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



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 (21-22)



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 2021-22

❖ Academic Achievement- Two Toppers of Mechanical Engineering Dept.



Mr.Kalyan Ghule
First Rank- 74.19%



Mr. Sanket More
Second Rank- 74.00%

- ❖ 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	BVG .Tech.pune	29	Mr. Natha Jadhav	Yes

Paper Publication (Year 2021-22)

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	Social & Life Skill	22/12/2023 to 24/12/2023	03	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)

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.	



Program Conducted for Personality Development

Sr. No.	Name of Program	Name of Resource Person/Expert	Class	No. of Participants	Duration
1	Student Development Programme	Ms. Pavale Amrata Pratapsinh Coordinate maharatra Center for Entrepreneurship	TYME And SYME	80	19/04/2022



Program Conducted for Guest/Expert Lecture

Sr. No.	Name of Program	Name of Resource Person/Expert	Class	No. of Participants	Duration
1	Automation and robotics and various new machining processes in plastics molding	Mr. Patil A.A Marquardt India PVT.Ltd Senior Engineer	TY	29	11/11/2021
2	Heat treatment processes	Mr.Sapkal A.D AC Sveris college of engineering	Sy	35	28/12/2021
3	Design of joint levers,offset link	Mr. Y.D Shinde Assistant Professor SKN Sinhgad korti, Pandharpur	TY	52	30/11/2021

Activity Report – 1

Name of Activity organized	Expert Lecture
Title of the Activity	Automation and robotics and various new machining processes in plastics molding
Date & Time of Activity organized	11/11/2021 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	Marquardt India PVT.Ltd Senior Engineer
Resource Person	Mr. Patil A.A



Activity Report – 2

Name of Activity organized	Expert Lecture
Title of the Activity	Heat treatment processes
Date & Time of Activity organized	28/12/2021 at 9:00 AM to 12.00 PM
Venue of the Activity	Class Room TY ME, New Satara polytechnic
No. of Participants	35
Name of Organization	AC Sveris college of engineering
Resource Person	Mr.Sapkal A.D



Activity Report – 3

Name of Activity organized	Expert Lecture
Title of the Activity	Design of joint levers,offset link
Date & Time of Activity organized	30/11/2021 at 9:00 AM to 12.00 PM
Venue of the Activity	Class Room TY ME, New Satara polytechnic
No. of Participants	52
Name of Organization	Assistant Professor SKN Sinhgad korti, Pandharpur
Resource Person	Mr. Y.D Shinde



Mr.V.V.Mali	HOD
Mr.S.R.Jaiswal	Lecturer
Mr.Kalyan Ghule	Student representative



Editor
Mr.S.R.Jaiswal

Lecturer, Mechanical Department. The Editorial Board is a standing committee of the college which shall publish the college newsletter as a half-yearly publication concerned with providing regular means of information and communication among staff and students of the institute. The purpose of the newsletter is to disseminate in a convenient form. News about the activities of development of the college, Achievements of the staff and students, events organized and attended, competitions participated and won, current technological developments, and above all to provide a platform for the faculty and students to dig out and expose their hidden literary talents and creativity with the sole aim of encouraging diversity in authors, points of view, and any other materials of academic importance.

