



Shri Shamrao Patil (Yadravkar) Educational & Charitable Trust

Sharad Institute of Technology Polytechnic

Yadrav-Ichalkaranji. (0968/1589)



NEWS LETTER 2017-2018

**DEPARTMENT OF
MECHANICAL ENGINEERING**

Hon. Executive Director's Message



MR. ANIL A. BAGANE

I am extremely happy to know that the department of Mechanical Engineering is bringing out the Newsletter. Today, the role of a College is not only to pursue academic excellence but also to motivate and empower the students to be lifelong learners. So we give a harmonious personality development of our students through expert lectures to Keep their knowledge updated with new industrial trends.

Principal's Message



MR. B. S. TASHILDAR

I am happy to note that the department of Mechanical Engineering in published its first news letter. I appreciate the efforts taken by the editorial board in compiling useful information & Activities by department. This clearly reveals that the department is trying to expand in all spheres of academics co-curricular and extra co-activities under the guidance of HOD.



Department of Mechanical Engineering

Head of Department 1st Shift



MR. S. S. MALI
(HOD 1ST SHIFT)

"Ever since the establishment of this institution, our primary goal is to train students to make them future leaders with high quality engineering education. The aim of department of Mechanical Engineering is to disseminate knowledge and technologies through quality teaching, research and its applications in mechanical and allied disciplines. In our creative and attractive curriculum, we strive to assimilate the latest developments in mechanics, dynamics, the latest developments in mechanics, dynamics, thermo-fluid, energy, and manufacturing.

We strive to ensure that all our young students have a strong education with leadership, management and teaming skills, internship experience, and involvement in student activities. We entrust that accentuating these areas will make our young students well-qualified to take leadership roles in the future.

During this academic year various extracurricular activities were conducted successfully by Mechanical Engineering department like paper presentation, project competition, quiz competition. Students & faculty members presented various research papers in national and international journals.

In the view for imparting sound technical and practical knowledge various workshops, guest lectures by prominent personalities and industrial visits have been conducted.

Participation by students was the most encouraging feature of last year also various projects by final year students are as per present requirements of industries."





Department of Mechanical Engineering

Head of Department 2nd Shift



MR. P. M. BHAGWAT
(HOD 2ND SHIFT)

The Mechanical Engineering (Second Shift) department was established in 2012. Currently the department works with intake capacity of 60 students. Department is determined to offer value added learning and enough exposure of industries to students. Keeping in mind the current trend in industries, we are committed in providing seminars and workshops to students in fields such as CNC, PLC and Industrial Automation, Pollution under Control (PUC), and many more.

Students are continuously encouraged to participate in various co-curricular and extra-curricular activities. Value added programs are provided keeping in mind the current industrial scenario. To inculcate technical proficiency within students mini projects are being undertaken from students of First & Second year. For effective teaching and learning procedure continuous feedback is taken from stakeholders and rightly implemented.





Department of Mechanical Engineering



INSTITUTE VISION

To be a center of excellence in technical education by using cutting edge technology that produces competent engineers to today and tomorrow to serve the society.

INSTITUTE MISSION

- To impart quality education by implementing state-of-the-art teaching-learning methods to enrich the academic competency, credibility and integrity of the students.
- To facilitate a conducive ambience and infrastructure to develop professional skills and nurture innovation in students.
- To Inculcate sensitivity towards society, respect for environment and promote high standards of ethics



Quality Policy

We at Sharad Institute of Technology Polytechnic strive to achieve stakeholder satisfaction by providing quality education & training in Science, Engineering & Technology in a pleasant & disciplined environment through.....

- Involvement at all levels
- Up gradation of facilities & human recourses
- Commitment to continual improvement.





Department of Mechanical Engineering



PROGRAM VISION



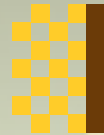
Imparting quality education, looking after overall development & conducting need based activities for successful career in Mechanical Engineering.

PROGRAM MISSION

- Develop the students for professionalism.
- Prepare the students to take up career in different fields.
- Imbibe moral and ethical values in students.

PROGRAM EDUCATIONAL OBJECTIVES

- Pursue successful career with strong domain knowledge.
- Continue professional development through self learning & higher education.
- Seek life long learning through moral & ethical values.



Department of Mechanical Engineering

**Student Achievement
Industrial Visit**



Workshop / Guest Lecture

Parents Meet

Mentor System

MESA Activities

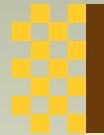
Faculty Achievement

Editor's Desk



TOPPERS OF ACEDMIC YEAR 2017-18 (1st Shift)

No.	Name of Student	% Obtained
1	SARKAR OMKAR VIKAS	88.41
2	SAYYAD SIKANDAR SAMMED	87.88
3	BHISE AJAY RAMESH	86.12
4	KHANDEKAR ABHINANDAN S	85.71
5	CHOUGULE RUTURAJ SUBHASH	85.65
6	GAT ARIHANT MAHAVEER	84.47
7	BHAT MANOJ SHRIDHAR	83.41
8	BABAR SUHAS SHIVAJI	82.94
9	JADHAV HARSHAD ANIL	82.35
10	YADURE GOURI DHONDIRAM	82.24
11	VARADAI SHIVAM CHANDRAKANT	81.76
12	CHOUGULE ABHISHEK VRUSHBH	80.94
13	HALE SAMMED SUNIL	80.12
14	KORE SURAJ RAJENDRA	80.12



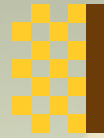
Department of Mechanical Engineering

T Y MECHANICAL ENGINEERING 2 ND SHIFT

No.	Name of Student	% Obtained
1	VARADAI SHIVAM C	80.44
2	KORE SURAJ RAJENDRA	79.11
3	KUMATALE VRUSHBH A	72.78

S Y MECHANICAL ENGINEERING 2 ND SHIFT

No.	Name of Student	% Obtained
1	LADAGE ABHISHEK MAHAVIR	72
2	MAGDUM UTTAM VIJAYKUMAR	70.88
3	PADHARIYA GAURAV BIPINBHAI	69.5



Department of Mechanical Engineering

DIPEX PROJECTS 2017-18

Students from Mechanical Engineering Department have participated and won the first prize in DIPEX 2017-18

Sr. No.	Participants	Project Title	Project Guide
1	SIKANDAR SAMMAD SAYYAD	C-arm compatible radiolucent spiral frame.	Mr.M.A.PATIL.
	MOHITE ANIKET AMIT		
	MUJAWAR ARSHAD SHAFIULLA		
	MOMIN AFTAB ASLAM		





Department of Mechanical Engineering

Industrial Visit

Industrial Visit is a part of a college curriculum, seen more often in an engineering course, during which students visit companies and get insight regarding the internal working environment of a company and how a company functions, as well as useful information related to the practical aspects of the educational course which cannot be visualized in lectures.



IMTEX, BENGLORE



BUDHALE & BUDHALE, SHIROLI



MAHARSHATRA FORGE, SHIROLI



Measurewell Industries, Aurangabad



Mahalaxmi TMT Bars, Gokul Shirgaon



Department of Mechanical Engineering



FACULTY DEVELOPEMENT PROGRAM



Sr. No.	NAME OF FACULTY	TRAINING
1	MR. N. N. PATIL	MASTER CAM SOFTWARE TRAINING ,ITC PEDOGOGYCAL WORKSHOP ON “EFFECTIVE TEACHING” BHARAT FORGE “TRAINE THE TRAINER PROGRAMME”
2	MR. S. S. SAJANE MR. J. B. MOMIN MR. S. S. PATIL MR. S. A. SOUNDATTE MR. N. S. PATIL	INDUSTRIAL TRAINING AT RELIANCE INFRA LTD., DAHANU THERMAL POWER STATION, DAHANU
3	MR. M.A.PATIL	WORKSHOP ON “BASICS OF HYDROULICS” AT FESTO,PUNE
4	MR. N, N. PATIL MR. S. S. SAJANE MR. W.I SHAIKH.	BHARAT FORGE “TRAINE THE TRAINER PROGRAMME” SOLID MODELLING TRAINING ON “CREO SOFTWARE”
5	MR. S.B.PATIL	WORKSHOP ON “BASICS OF HYDRAULICS” AT FESTO,PUNE
6	MR. P. J. PATIL	15 DAYS WORKSHOP ON "PATTERN DIE MAKING" AT SHREERAM TOOLS, KOLHAPUR



**Department of
Mechanical Engineering**

Laboratories

FLUID MECHANICS & MACHINERY



THERMAL ENGINEERING



INDUSTRIAL FLUID POWER



INTERNET LAB

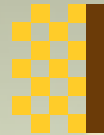


PUC (POLLUTION UNDER CONROL)



CNC PROGRAMMING





**Department of
Mechanical Engineering**

Laboratories

CNC LAB



METROLOGY & QUALITY CONTROL.



AUTOMOBILE



POWER ENGINEERING



MEASUREMENT & CONTROL



CAD LAB





**Department of
Mechanical Engineering**

CNC Production Centre

A well equipped CNC Center has been established to imbibe the knowledge about production industry and its relevance with academic curriculum.





Department of Mechanical Engineering

Guest Lectures

We conducted guest lectures with the help of eminent personalities from various industries and institutes. The aim of conducting Guest Lectures is that to providing platform for students to interact. Share knowledge in various fields.



PERSONALITY DEVELOPMENT



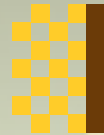
Department of Mechanical Engineering

FACULTY LIST (1ST SHIFT)

SR NO	NAME OF FACULTY	DESIGNATION	SR NO	NAME OF FACULTY	DESIGNATION
1.	S. S. Mali	HOD	14.	P.J.PATIL	Lecturer
2.	S.S.SAJANE	Lecturer	15.	M.A.Patil	Lecturer
3.	J.B.MOMIN	Lecturer	16.	A.S.KEKARE	Lecturer
4.	A.K.MAGDUM	Lecturer	17.	S.S. KOTHALE	Lecturer
5.	A.B.PATIL	Lecturer	18.	MS.K.S.LATTHE	Lecturer
6.	B.J. JUGALE	Lecturer	19.	MS.R.R.KADAM	Lecturer
7.	P.D.PATIL	Lecturer	20.	A.M.PANDHARE	Lecturer
8.	S.B.HERWADE	Lecturer	21.	Miss.R.A.DESAI	Lecturer
9.	P.A.PHADTARE	Lecturer	22.	P.K.DESAI	Lecturer
10.	B.A.MADGUM	Lecturer	23.	N.D.LAGARE	Lecturer
11.	S.N. BODAKE	Lecturer	24.	A.A.LOKHANDE	Lecturer
12.	W. I. SHAIKH	Lecturer	25.	A. B. Khot	Lecturer
13.	S.B.PATIL	Lecturer			

FACULTY LIST (2ND SHIFT)

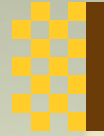
1.	Mr.P.M.Bhagwat	HOD	6.	Mr.B.B.Patil	Lecturer
2.	Mr.N.N.Patil	Lecturer	7.	Mr.S.A.Soundatte	Lecturer
3.	Mr.N.S.Patil	Lecturer			
4.	Mr.S.B.Patil	Lecturer			
5.	Mr.S.S.Patil	Lecturer			



Department of Mechanical Engineering

STUDENTS SPECIAL ACHIEVEMENTS (ZONAL AND INTER-ZONAL EVENTS)

SR NO	DESCRIPTION	NAME OF STUDENT	ACHIEVEMENT
1	Chess	Dangare Shubham Prakash	Winner
2	Chess	Kore Yash Shankar	Winner
3	Kabaddi	Mane Shubham Gunda	Winner
4	Kabaddi	Dhumale Aniket Vijay	Winner
5	Kabaddi	Patil Satish Chandrakant	Winner
6	Kabaddi	Kore Shubham Pirbal	Winner
7	Kabaddi	Patil Shreyash Dhananjay	Winner
8	Volleyball	Chougule Abhishek	Runner
9	Volleyball	Naik Akash Balaso	Runner
10	Volleyball	Bassanavar Pruthviraj Ajit	Runner
11	Volleyball	Patil Shrivardhan Jaypal	Runner
12	Weight lifting	Patil Satish Chandrakant	Runner
13	Wrestling	Patil Satish Chandrakant	Runner
14	Kho-Kho	Shinde Avishkar	Winner
15	Kho-Kho	Shingade Parasharam A	Winner
16	Kho-Kho	Chougule Abhishek M	Winner
17	Kho-Kho	Koshti Manthan C	Winner
18	Running 100mtr	Koshti Manthan C	Runner
19	Relay 4*100 mtr	Koshti Manthan C	Runner
20	Kho-Kho	Shinde Avishkar	Winner
21	Kho-Kho	Shingade Parasharam A	Winner
22	Kho-Kho	Chougule Abhishek M	Winner
23	Kho-Kho	Koshti Manthan C	Winner



Department of Mechanical Engineering

STUDENTS SELECTED FOR CAMPUS

SR NO	NAME OF STUDENT	COMPANY NAME
1	Shenavi Sourabh Rangrao	Bharat Forge Ltd,Pune
2	Nikita Arekar	Cummins India Ltd, Pune
3	Deepali powar	Cummins India Ltd, Pune
4	Shawale Suraj Shankar	Cosma International India Pvt Ltd
5	Kamble Harshal Gautam	Cosma International India Pvt Ltd
6	Mullani Parvej Mohiddin	Cosma International India Pvt Ltd
7	Inamdar Sameer Iman	Cosma International India Pvt Ltd
8	Patil Vijaykumar Bhauso	Cosma International India Pvt Ltd
9	Satish Samdole	Cogeme Precision Parts India Pvt.Ltd.
10	Sammed Sidnale	Siemens India ,Mumbai
11	Darshan Girimal	Siemens India ,Mumbai
12	Maskar Nikhil	Tata Motors Ltd, Pune
13	LAD PRATHAMESH PRAKASH	L & T Heavy Engineering Ltd, Pune
14	PATIL RAHUL SAMBHAJI	Soundcasting Pvt Ltd,
15	Shridharpanth Jotiba Chougule	"Emcure Pharmaceuticals Ltd."
16	Dhadadhade Santosh Laxman	"Emcure Pharmaceuticals Ltd."
17	Nishant Sanajy Katkar	"Emcure Pharmaceuticals Ltd."
18	Parit Ganesh Ananda	Bharat Forge Ltd,Pune



Department of Mechanical Engineering

Parents Meet

Communication between parents and teachers is essential to student success in the classroom. As part of this communication, teachers should be regularly meeting with parents to discuss what is being taught and how the student is progressing. Parents Meet is focusing on students' specific strengths and weaknesses in individual subjects and generalizing the level of inter-curricular skills and competences.

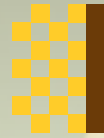


Mentor System

We Establish Mentor System for regular progress of students. All Students of department divided into 25 students under member of teaching staff. Monthly Mentor Meeting will be conducted in that meeting discusses some students problems and then quickly find out the solution on problem.

MESA Activities

It is to Provide opportunities for students to persue their personal, Professional and academic goals in student - led organizatins. To exchange their educational experience students are encouraged to participate in group activities that allow them to develop personal and professional relationships, learn leadership and organizational skills and serve the community.



Department of Mechanical Engineering

Editor's Desk



Mr. P. K. Desai

We are delighted that the first issue of the Newsletter of the Mechanical Engineering Department for year 2017-2018. It presents an account of various activities that have taken place in our Department.

I Would like to thank Exe. Director, Principal, Faculty Members for their valuable & tireless support.

MESA Committee 2017-18

S.N.	Name of Student	Div.	Designation	S.N.	Name of Student	Div.	Designation
1	Sumegh Belekar	TY-C	President	8	Abhijeet Bagade	TY – C	Co-Ordinator
2	Samrat Vardai	SY –A	Vice-president	9	Sushant Shinde	Sy -C	Co-Ordinator
3	Rohit Patil	SY -D	Secretary	10	Amruta Koli	Ty -c	Co-Ordinator
4	Niraj Vasawade	TY -D	Treasurer	11	Manthan Patil	TY -B	Co-Ordinator
5	Priyanka KAmble	TY –A	Co-Ordinator	12	Shivam Patil	SY -C	Co-Ordinator
6	Subham Kore	Sy- B	Co-Ordinator				Co-Ordinator
7	Yadnik Joshi	SY –A	Co-Ordinator				Co-Ordinator

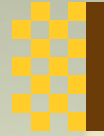
Faculty Corrdinator

MESA Faculty Advisor : Mr. P. K. Desai

Students Corrdinator

MESA President : Sumegh Belekar





Department of Mechanical Engineering

Project Competition 2017-18

Project Competition was arranged in the academic year 2017-18, an overwhelming response of 150+ students & their projects was recorded.

Projects from all domains of mechanical engineering such as production, thermal, material sciences etc. had taken part in this competition.

Sr. No.	Participants	Project Title
1	Patil Sourabh Sunil & Group	Dish Washing Machine
2	Kharge Vaibhav Sudhir & Group	Fibre Reinforced Composite Material
3	Shidnale Pritam Bhupal & Group	Experimental Analysis Of Continuous & Staggered Fin Array
4	Hale Sammed Sunil & Group	Square Drilling Attachment.
5	Kamble Priyanka Arun & Group	Forced Convection Solar Dryer



**Department of
Mechanical Engineering**



Swachhata Abhiyan





**Department of
Mechanical Engineering**



Allumni Meet





**Department of
Mechanical Engineering**

ACADEMIC YEAR 2017-18



'A' DIVISION (1st SHIFT)



'D' DIVISION (1st SHIFT)



'C' DIVISION (1st SHIFT)

