



Amrutvahini Sheti & Shikshan Vikas Sanstha's

# AMRUTVAHINI POLYTECHNIC, SANGAMNER

NEWS-LETTER  
2016-2017



## DEPARTMENT OF MECHANICAL ENGINEERING

### CHIEF PATRON

**Hon. Shri Balasaheb Thorat**  
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and Shikshan vikas sanstha.  
Sangamner

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**Prof. Gaikwad S G**

Student Coordinators  
**Mr. Asane Indrajeet**  
**Mr. Dhane Navnath**

### ACADEMIC YEAR 2016 - 2017

#### Vision

Mechanical Engineering department will strive to provide excellent technical education and create technocrats favorable to the industry and the society.

#### Mission

Department offers diploma in Mechanical Engineering committed to  
M1. Effective implementation of teaching learning process in classroom and laboratories.  
M2. To provide skilled manpower to industry and society.  
M3. To expose students in a multidisciplinary work environment in order to prepare them for competitive world.

#### HOD'S MESSAGE

**Prof. Ingole M. W.**

Main intention of this newsletter is to present in front of you is that all the activities of this academic year are to be summarized systematically. I appeal to all those concerned with Technical Education to contribute to the Newsletter and through it for conferment of quality Technical Education. I am confident that this Newsletter will contribute immensely and I convey my best wishes to the Amrutvahini Polytechnic, Sangamner for successful launching of this Newsletter.

## List of achievers in academic year 2016-17

Regular shift			
Sr No	Name of student	Year	% Marks
1	Shete Vaishnavi Sukdeo	First Year	86.70 %
2	Punde Pratik R.	First Year	84.00 %
3	Mate Shrikant Navnath	Second Year	88.06 %
4	Kawade Unnati Hiranman	Second Year	86.82 %
5	Rajput Sunilkumar Rajkumar	Third Year	95.50 %
6	Gomase Tushar Bhaskar	Third Year	94.00 %
Second shift			
1	Andhale Roshan Rohidas	First Year	88.12 %
2	Inamdar Aftab Azad	First Year	87.65 %
3	Pawar Suraj Vitthal	Second Year	81.89 %
4	Bhopale Shubham Dattatraya	Second Year	81.44 %
5	Ghule Suraj Bhagwan	Third Year	85.12 %
6	Labade Chaitali Tanaji	Third Year	82.71 %

### Industrial Visits Organized (Regular shift and Second shift)

- 1) Kishor industry, Aurangabad 2) Sai motors, Sangamner  
 3) JM industries, Nashik 4) Surana industries, Nashik 5) Sheetal industries, Pune

### Some Highlighted Projects

Sr. No	Name of Student	Project Title
1	SASKAR CHITANYA BHAGWAN	MULCHING PAPER SPRADING MACHINE
2	SUMBHE VAIBHAV VISHNU	
3	GULAVE VISHAL MANOHAR	
4	MURKUTE AKASH LAXMAN	
5	TOPE SURABH SANJAY	GYM POWER GENERATION
6	SHINDE TUSHAR NANDKUMAR	
7	AGRE PRAKASH APPASAHEB	
8	YENGUL BHUSHAN DIGAMBAR	
9	CHAUDHARI MAYUR B	SOLAR CUM GRAVITY IRRIGATION FOR AGRICULTURE
10	GHODAKE NITIN GOKUL	
11	TIKE YOGESH DILIP	
12	DARKUNDE AKSHAY MACHHINDRA	

### Value Added Courses Offered To The Students

The department organizes seminars, group discussions, expert lectures from industries and cultural activities. Also carried out program on CATIA and CREO parameters contributing to overall development of students.

### Extra Circular Activities

The department has Mechanical Engineering Students Association (MESA) to conduct various co-curricular activities such as Mech-Fest, Project Competition, Quiz Competition, Paper Presentation, and Bike Workshop.

### DETAILS OF EXPERT LECTURES. ( Regular shift and Second shift)

SR NO	NAME OF EXPERT	TOPIC	SEM	NAME OF COORD INATOR	DATE OF ACTIVITY	NO OF BENEFIC ERIES
1	PROF. A K MISHRA	PERSONALITY DEVELOPMENT	ME3G ME5G	MHASE VG	22/07/16	ME3G ME5G (Second Shift)
2	MR. RAJESH SHIRODKAR	NEW OPPORTUNITIES AVAILABLE TO DIPLOMA ENGINEERS	ME3G ME5G	GANDHE SS	23/08/16	ME3G ME5G (Second Shift)
3	ACCESS CAD	PRODUCT DESIGN AND MODELLING	ME3G ME5G	SURVE SM	26/08/16	ME3G ME5G (Second Shift)
4	PROF. KESHAV AROTE SANGAMNER	SELF ANALYSIS AND HANDLING OF EXAM PRESSURE	ME2G BOTH SHIFTS	KESHAV AROTE	20/01/17	ME2G BOTH SHIFTS
5	MR SAHRAD DALVE. LIC EXECUTIVE NASHIK	VARIOUS LOAN SCHEME OF LIC AND BANK	ME4G ME6G BOTH SHIFTS	PANDE AM	07/02/17	ME4G ME6G BOTH SHIFTS
6	MR. RAJESH SATARA	PERSONALITY DEVELOPMENT	ME2G ME4G ME6G	SURVE SM	21/12/16	ME2G ME4G ME6G

## PROGRAM SPECIFIC OUTCOMES (PSO'S)

**PSO1. Modern Software Usage:** Use latest Mechanical engineering related software 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.

### FACULTY CONFERENCE INTERACTION

Sr No	Name Of Staff	Paper Presentation Organisation	Paper Title	Date
1	KOTKAR SS	Jaihind College Of Engineering Pune	Effect Of Cryogenic Heat Treatment On Different Tool Steels	16/03/2017 To 17/03/2017
2	KOTKAR SS	Jawaharlal Neheru Engg College	Dry Sliding Wear Of Cryotreated Multiple Tempered D2 Tool Steel	14/09/2017 To 16/09/2017

### MECHANICAL DEPARTMENT STAFFS TRAINING IN ACADEMIC YEAR 2016-17

Sr No	Name Of Staffs	Title/Venue	Duration	No Of Days
1	KOTKAR SS	Industrial Training at Reliance Infra Dahanu	14/07/16 TO 16/07/16	2
2	PHAPALE ID	Industrial Training at Crompton Greaves A' Nagar	22/08/16 TO 23/08/16	2
3	WALE AD	Industrial Training at Fiat Motors Mumbai	22/08/16 TO 26/08/16	5
4	GAIKWAD SG	Industrial Training at Reliance Infra Dahanu	22/08/16 TO 26/08/16	5
5	DESHMUKH SV	Industrial Training at NRB Bearing Aurangabad	19/09/16 TO 20/09/16	2
6	SATPUTE MB	Industrial Training at NRB Bearing Aurangabad	19/09/16 TO 20/09/16	2
7	KANDURE VD	Industrial Training at Nashik Engineering Cluster, Nashik	18/08/16 TO 20/08/16	3
8	MHASE VG	Industrial Training at Accurate Sales And Services Pune	29/08/16 TO 31/08/16	3
9	GANDHE SS	Industrial Training at NRB Bearing Aurangabad	19/09/16 TO 20/09/16	2

### FACULTY BOOK PUBLICATIONS

Sr No	Name of Staffs	Book Title /Name of Subject	Name of Publication	Year
1	Ingole MW	Engineering Drawing	Technical Publication, Pune	2017



*Prof. Ingole M W HOD Regular shift*



*Prof Surve S M HOD Second shift*



## Curricular & Extra Curricular



**Inaugural function by Hon. Shri. Balasaheb Thorat and other respective dignitaries Medha 2016**



**Under "Clean India My India" students cleaning campus**



**Prof.V.B.Dhumal, Prof.A.K.Mishra, Prof.M.W.Ingole & Mech.dept.staff inaugurating the Mechfest - 2016.**



**Industrial Visit At Rajhance Aqua, Sangamner**



**PRINCIPAL PROF V B DHUMAL**



**Students attending the guest lecture.**