

DEPARTMENT OF MECHANICAL ENGINEERING

Plot No. 46/46A, Sector -5, Kharghar, Navi Mumbai- 410210.

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NEWSLETTER

Volume 18

FROM HOD'S DESK

The spirit of improvement is not always a spirit of liberty; for it may aim at forcing improvement on an unwilling people.

Mechanical Engineering is the largest of the engineering disciplines and many mechanical engineers go into manufacturing of computer and electronic products, machinery and transportation equipment's.

The department cares for student support, mentoring, tutoring, study skills workshops and career development.

Mechanical Engineering students culminate their studies with a year-long capstone project requiring design problem solving, creative thinking, project planning and teamwork. A broad selection of technical electives encourages students to pursue special interests in design and manufacturing, energy and environmental issues, thermal and fluid sciences materials, dynamics & controls and robotics.

Prof. Madhukar B. Sorte



EDITORIAL BOARD

Prof. Madhukar B. Sorte..(I shift Head of Department)
Prof. Madan Jagtap...(II shift Head of the department)
Prof. Amit S. Chorghe..... (Faculty In charge)

VISION

"To emerge as a center of excellence in academics and research in the field of Mechanical Engineering."

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PROGRAM ORGANIZED



"Global Meet on Advances in Design, Materials& Thermal Engineering" (GMADMT- 2018) on 11th -12th January 2018 at Saraswati College of Engineering, Kharghar, Navi Mumbai, with enthusiastic participation of International & National authors.



Paper Presentation in GMADMT 2018



Mechanical Department working team @ GMADMT 2018



A grand event of ISHRAE Jamboree5 held on 13th January 2018 at [Saraswati College of Engineering, Kharghar](#). Faculty In charge Prof. Paramjeet Thakur



Poster Presentation Competition held on 12th January 2018



Reviving old smiles charity by Mechanical Engineering Dept and ISHRAE to old age home on 10th January 2018 , Donated Rs.40,000/- (Faculty in charge- Prof. Paramjeet Thakur)



Expert Talk by Mr. H.R.Kavasia, Head Safety Management Indian Navy , on "Production Process" held on for Second Year Mechanical students with faculty in charge by Prof. Sachin Solanke

INDUSTRIAL VISIT



Industrial Visit at AMTEK, Baddi, Himachal Pradesh.

With faculty coordinators Amol Kadam, Sreejith Sreenivasan, Pramod Deshmukh and Amit Mane



Industrial visit to the VOLKSWAGEN, Pune on 9/3/18 for TE students with faculty coordinators Amol Kadam



Industrial Visit for Third Year Students at Gas Turbine Power Station, Uran on 9th February 2018

DEPARTMENT'S ACHIEVEMENTS



A MOU has been signed for HVAC lab in Mechanical Engineering Department, dated 13th January 2018

STUDENT'S ACHIEVMENTS

Best Paper Awards

Sr No.	Authors	Title	Achievement
1	Jyotsna Sinha, Dr. Nilesh Ghongade, Madhukar Sorte	Optimization of Gating System in Jewelry Investment Casting A Review	Best Paper Award GMADMT 2018
2	Mukesh Mehta, Mrugen Kambli, Abdul Fahim Khan, Prasanna Raut	Design and fabrication of multipurpose wood machining device	Best Paper Award GMADMT 2018

1. Abhay Buthkar of Mechanical Engineering department, got selected in Technical University of Munich, Germany's No.1 research institute.
2. Vinal [Vinay Lokhande](#) final year for getting admission into Babson College at Boston, USA for Masters in Entrepreneurial Leadership (MSEL). The university is ranked no1 all over the world for graduate entrepreneurship course.

FACULTY'S ACHIEVMENTS

Sr No.	Name of Faculty	Achievement (Awards and Rewards)	Organized/ Department
1.	Dr. Fauzia Siddiqui	CSI Best HOD of the year 2017	Computer Society of India

❖ Number of Paper published by faculties: 65

RESEARCH PROJECTS SANCTIONED BY FACULTY

Sr No	Academic Year	Name of PI & Co PI	Sanction by	Title of the Project
1.	2017-18	Mr.Sachin G. Solanke	INAE, New Delhi	Development of metal matrix composite with the help of Sic and graphene nanostructure.
2.	2017-18	Mr.Sachin G. Solanke Dr.Fauzia Sidiqi	Minor research grant of Mumbai University	Experimental Investigation by notched specimen of different material by fatigue testing machine.

FACUTY BOOK PUBLICATIONS

Sr No	Title of the innovation filed /awarded for patent	Patent claimed by / patent awarded to	Date of filing /Date of award of patent	Broad area of Innovation	Individual/Organizational
1	Battery Operated Monowheel	Madan Mohanrao Jagtap	22/09/2017	Government of India: Registration of Design	Jagtap Madan Mohanrao Saraswati College of Engineering, Kharghar
2	Approximate straight-line mechanism and design	Sachin G. Solanke	08/02/2018	Government of India: Registration of Design	Sachin G. Solanke Saraswati College of Engineering, Kharghar

PATENT / COPYRIGHT BY FACUTY

Sr. No.	Title of the Book/chapter /Monogram	Names of the Author/ Co-Author	Broad area of Publication	Details of the Publication house	ISBN No	Year of Publication
1.	Optimization of Cutting Parameters for Milling	Prachi Londhe, S.N.Teli, Madan Jagtap	Manufacturing	LAMBERT Academic Publications	978-613-7-33220-7	2018
2.	Experimental Design development and Analysis of Helical coil tube in tube heat exchanger	Pramod Deshmukh, D. D. Baviskar, S.N.Teli	Manufacturing	LAMBERT Academic Publications	978-613-7-33220-7	2018

TOPPER'S LIST

YEAR	NAME OF THE TOPPER	SGPI SCORE
SE (First Shift)	SHINDE ANIKET ANKUSH VIDYA	9.77
	KEKATPURE VISHRUT PRADEEP VANSHREE	9.42
	SHAIKH MOHAMMED UMAR ATIQUR RAHMAN RUKHSANA KHATOON	9.31
SE (Second Shift)	GHUTUKADE MAYOJ AABA SINDHU	9.5
	GIRASE SANDEEP DILIP BHATABAI	8.85
	BHADRIGE AKASH KAILAS DEEPA	8.62
TE (First Shift)	TIWARI GANESH	10
	KADAM PAURNIMA BHAGWAT MEENA	9.99
	SINGH DEEPAK HARISHANKAR SEETA	9.96
TE (Second Shift)	GUPTA RAHUL RAMNIHOR PUSHPADEVI	9.39
	HAJARE SHRIKANT CHANDRAKANT ROHINI	8.86
	CHOUHAN HARSH DHIRAJBHAI PARUL	8.79
E (CGPI)	CHAVAN KUNAL SUBHASH MANISHA	9.22
	PANSARE SHEKHAR BHARAT AVIDA	8.82
	PARAB RUDRAKSH PRAMOD NAMRATA	8.66
BE (SGPI)	SANAP DNYANESHWAR UDDHAV YAMUNA	9.56
	PINGALE AKSHAY EKNATH KAUSHALAYA	9.4
	PATIL PRANIT ANIRUDDHA VANDANA	9.4

PG STUDENTS DETAILS

SUBJECT TOPPERS

Sr. No.	Name of Subject	Appeared	Pass	Percentage Attendance
1	PDD	7	7	100%
2	CIM	7	7	100%
3	QE	7	7	100%
4	AMS	7	7	100%
5	DMM	7	7	100%
Overall Result				100%

Sr. No.	Name of Subject	Name of Topper	Marks (100)
1	PDD	KADAM UJALI	74
2	CIM	KADAM UJALI	78
3	QE	KADAM UJALI	83
4	AMS	KADAM UJALI	78
5	DMM	KADAM UJALI	82

OVERALL TOPPERS

- 1) KADAM UJALI: 9.24
- 2) MANKAR RADHIKA: 8.19
- 3) DHATRAK RUCHIRA: 7.67

CONVOCATION CEREMONY



HOD's of all departments



BE 2016 -17 Batch



Felicitation by HOD Mechanical



SCOE Mechanical Engineering Department Convocation ceremony, Held on 3rd May 2018.
(BE 2016 -17 Batch)

OUTGOING BATCH (2018)

Saraswati Education Society's
SARASWATI COLLEGE OF ENGINEERING, KHARGHAR
DEPARTMENT OF MECHANICAL ENGINEERING
ELEVENTH OUTGOING BATCH



YEAR 2015-2018 (FIRST SHIFT)

L To R (Seating) : M. Mhatre, G.Karmarkar, V.Suryawanshi, P.Thakur, M.B.Sorte(Head Of Dept),
Dr.Manjusha Deshmukh (Principal), Dr.Fauzia Siddiqui (Head Of Dept.First Shift),
M. Jagtap, G. Jadhav, Y. Dhumal, Sreejith, A. Bhagat.



Year 2015-2018 (Second Shift)