



Mechspeed Newsletter

Message from the Principal

With the vision of 'Welfare of Masses', Marathwada Mitra Mandal was established at Pune in 1967. Today it is one of the emerging names in the field of higher and Professional education in the University of Pune.

Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune-52, offers five Engineering Programs (Computer, IT, E&TC, Mechanical and Electrical) & three Post Graduate Programs MBA, MCA and M.E. (Comp).

Along with the focus on core academics, College also takes care of overall personality development of the students. College has active Robotic Cell, NCC, TQM Cell, Engineering Education Foundation Cell etc.

Along with the focus on core academics, College also takes care of overall personality development of the students. College has active Robotic Cell, Foreign Language Cell, NCC, TQM Cell, Engineering Education Foundation Cell etc. We are in the era of knowledge-based competition and the progress of our economy will depend on how best we can leverage our intellectual capital.

The growing demand for technical education has undergone tremendous quantitative growth of institutions, intensifying competition. Globalization of education and increasing students and faculty mobility have made quality more important to a wide range of stake holders. I extend my best wishes to all my students and appeal all the stake holders to provide their valuable suggestions for enriching the academic ambience at our campus.



Dr. S. M. Deshpande

Dr. S. M. Deshpande
Principal



Team Abhedya with ATV

HOD's Desk

The department of Mechanical Engineering had its inception in the year 2006-2007 with a sanctioned intake of 60 students. In the academic year 2013-2014 the department expanded its horizon with total sanctioned intake strength is 180 students.

The department flourished through with state-of-art Laboratories and Computational Facilities in all core fields of Mechanical Engineering offers state-of-the-art laboratories proving hands on training to all the Mechanical Engineering Students.

Department of Mechanical Engineering has a wide reputation in the surroundings for the quality of teaching and research it offers. Currently the department is supported by 30 highly qualified and motivated teaching faculty members and 05 non teaching staff members.

Keeping itself up to date with the latest developments & trends in the field and with a dedicated faculty of highly qualified and experienced members in all streams of mechanical engineering, the department consistently strives to provide world class facilities for education and research.

An interactive & cordial relationship is maintained between the students and staff which enable the students to develop a sound foundation in the stream in a conducive environment. We are hereby providing our students with a perfect blend of intellectual and practical experiences that help them serve our society and address a variety of needs.

Prof.S.N. Satpute.
Vice principal & Head of Dept.



Student Update

Results for A.Y. 2014-15:



Team Rudra at Balewadi, Pune

Toppers!!!

Rank	Class	Name of the Student	DIV	%
1	S.E.	Patil Indrajit	C	74.74
2	S.E.	Barhate Sanket	C	73.80
	S.E.	Deshpande Chaitanya	A	73.80
3	S.E.	Joshi Gaurav	A	71.87
1	T.E.	Shinde Sumeet	B	76.40
2	T.E.	Gugale Rohan	A	75.26
3	T.E.	Gangurde Suyog	A	72.60
1	B.E.	Kokate Sagar	--	74.60
2	B.E.	Pansare Aishwarya	--	74.20
3	B.E.	Pansare Parth	--	73.86

Results Overview:

Class	No. of students appeared	No. of students passed with ATKT	Passing Percentage
SE	221	211	95.90
TE	144	135	93.75
BE	64	56	87.50

MESA Activities:

- Mechanical Engineering Students Association (MESA) conducted "AAKRUTI 2K14" on 23rd and 24th Feb 2015.
- Mechanical Engineering Students Association (MESA) conducted "Box Cricket" on 25th Feb 2015.
- Mechanical Engineering Students Association (MESA) celebrated Women's Day on 10th March 2015.

Experts Called :

- A expert lecture by Prof. Vivek Shinde from Trinity College of Engineering, Pune on "Turbo -Machine (Steam Turbine)" on 27th Jan 2015.
- A guest lecture by Dr. Merwan Mehta, Professor, East California University, USA on "World Class Process Improvement Principles" for T.E & B.E is conducted on 13th July 2015.
- A guest lecture by Mr. Narayan Joglekar on "Manufacturing Process-II" on 19th Jan & 21st Jan 2015.
- A guest lecture by Mr. B. M. Gondhalekar from Proteas Knowledge Solution Pvt. Ltd. on "PLC, HMI, SCADA (Basic & Application)" on 26th Feb 2015.

Department Achievement:



2-days CFD workshop

✓ Department of Mechanical Engineering has organized Two days CFD workshop on Computational in Association with Savitribai Phule Pune University on 16th & 17th Jan.2015.

✓ 'Team Abhedya' has secured 11th position in SAE INDIA, BAJA 2015 Competition held at Pithampur, Indore (M.P) between 18th to 23rd Feb 2015

✓ 'Team Rudra' achieved 'Best Rookie Award' for debut team and secured second position at ROBOCON International Competition held at Balewadi, Pune between 5th to 7th March 2015.

✓ Team "Rudra" secured second position in league matches out of 86 teams at ROBOCON International Competition held at Balewadi Pune between 5th to 7th March 2015.

Add - On Courses Conducted:

- Successfully organized the course on GD & T for TE & BE students by industrial expert Mr. Anand Bhise from 09/06/2015 to 26/06/2015.
- Training on CATIA software by EDS Technologies, Pune arranged at Mechanical Dept., MMCOE from 12/7/2015 to 12/09/2015.





Papers Presented / Published by Faculty:

✓ Prof. K. R. Patil attended Three days workshop "Symposium on International Automotive Technology (SIAT 2015)" on 21st, 22nd & 23rd Jan 2015 at ARAI, Pune.

✓ Prof. V.R Deulgaonkar presented a paper "Development of Chassis Integrated Specialized Platform using Finite Element Analysis" at International Conference on Design Manufacturing and Mechatronics (ICDMM 2015) held at Trinity COE, Pune 11th to 13th Feb 2015. He also received best paper and best presentation award for the same.

Workshop, Seminars and Conferences Attended by Staff:

✓ Prof. K. R. Patil attended Three days workshop "Symposium on International Automotive Technology (SIAT 2015)" on 21st, 22nd & 23rd Jan at ARAI, Pune.

✓ Prof. R.S. Yadav attended three days workshop on "Advances in Engineering Optimization" held at Dnyanganga College of Engineering and Research, Narhe on 29th to 31st Jan 2015.

Faculty News

Mr. K. R. Patil completes Doctor of Philosophy (Ph.D) degree

Mr. K. R. Patil, an associate professor of Mechanical Engineering, has been awarded Doctor of Philosophy (PhD) degree by Symbiosis International University, Pune. The award is in recognition of his outstanding work in area of 'Alternative Fuels for Internal Combustion Engines'.



Dr. K. R. Patil

Mr. V. R. Deulgaonkar completes Doctor of Philosophy (Ph.D)

Mr. Vikas Deulgaonkar, an associate professor of mechanical engineering, have completed his Doctor of Philosophy (PhD) from Sant Gadge Baba Amravati University, Amravati. His area of specialization is Heavy Vehicle design and chassis Mounted Structures.



Dr. V. R. Deulgaonkar

List of Faculty who have completed their M.E.

1. Mr.S. R. Dhok . M.E.(Design).



2. Mr. Hemant Pisal M.E. (Thermal & Fluid Engineering).



3. Mrs. M. P. Rode M.E.(Design)





Guest lecturers conducted:

- A guest lecture by Prof. Vivek Shinde from Trinity College of Engineering, Pune on “Turbo-Machine (Steam Turbine)” on 27th Jan 2015.
- A guest lecture by Dr. Merwan Mehta, Professor East California University, USA on “World Class Process Improvement Principles” for T.E Mech (A, B & C), B.E Mech (A & B) is conducted on 13th July 2015.
- Guest lecture by Mr. Narayan Joglekar “Manufacturing Process-II” on 19th Jan & 21st Jan 2015.
- A guest lecture by Mr. B.M.Gondhalekar from Proteas Knowledge Solution Pvt.Ltd. on “PLC, HMI, SCADA (Basic & Application)” on 26th Feb 2015.
- A guest lecture by Prof.Amol Patil from D.Y Patil College of Engineering Lohegaon on “Reliability Engineering” for B.E Mechanical on 9th March 2015.
- A guest lecture by Mr.Prashant Deshpande, from design Tech ,Pune on “Engineering through CAD(CATIA & NX)” for B.E Mechanical on 9th March 2015.
- A guest lecture by Nikhil Srivastava ,Mr Nitin Bombale,SW System,Pune On”3D Student Design Challenge 2015 by AUTODESK for S.E Mechanical on 24th june 2015.

VISITS CONDUCTED FOR MECHANICAL DEPARTMENT STUDENT

B.E. Mechanical students visited.

- Nashik Thermal Power Station, Eklahare, Nashik on 31st march 2015.
- Shivraj Cold Storage, Khedshivapur, Pune on 24th and 25th July 2015.
- Warna Hydraulic Power Station, Warnanagar on 27th Feb 2015.
- Diesel Power Plant, VIT, Bibewadi on 12th March 2015.

T.E. Mechanical students visited.

- Warje Pumping station, Karvenagar on 23rd & 24th Feb.2015.
- A1 gears, Warje Malwadi on 3rd & 4th March 2015.
- Bhatghar Hydro Electric Power Station, Bhor, Pune on 24th march 2015

S.E. Mechanical (A,B & C Division) students visited

- S.T. Workshop Dapodi, Pune on 27th March 2015.
- Volkswagen training Centre at MM Polytechnic on 11th, 14th, 16th July 2015.

Students Achievements

B.E Project of Jayraj Ligade, Parikshit Maggirwar, Attar Shafin and Rohit Gaikwad of Final Year students, are shortlisted for final round of KPIT SPARKLE 2015.

Jayraj Ligade and Parikshit Maggiwar of B.E Mechanical Class, has won first prize in TechnoCHILL 2015 paper presentation competition held at AISSPMS College of Engineering, Pune

More Mayur stood 1st Rank in Instrumental Competition (BANDISH) in Tabla Playing at MMCOE ,Karvenagar.

Rohan Hire,Akshay Chavan,Pankaj Lande ,Laxman Kawalagi Participated in IDIA -3D

Technical Event to draw Drawing Model in Catia 3-D Software at MMCOE, Karvenagar.

Venisha Dire Participated in Kala Katta organized by Kala Mandal of MMCOE, Karvenagar.

Kunal Kumthekar Participated in Best Smile Event organized by Mr-MRs MMCOE,Karvenagar

Sushrut Dandwate , Chaitnya A. , Gaurav Joshi, qualified in the Virtual BAJA competition at Chandigarh.

Yasser Sayed has participated in th event English Extempore organized by Vishwakarma Institute of Technology, Pune on 17- 22 Feb 2015

Yasser Sayed stood 1st rank in Elocution Competition with special achievement, organized by MMCOE – NCC on the occasion on 152nd Birth Anniversary of Swami Vivekanand on 12th January 2015

Yasser Sayed stood 3rd rank in Graduate Excellent Examination conducted at state level organized by Modern Education Society's Centre for Talent Search and Excellence on 1st February 2015.

Sayed Yasser has participated in Mandate manufacturing and has secured First prize held on December 29th to 30th 2014 organized by Fergusson College Pune, 4.

Sayed Yasser has participated in QPSC held on December 29th to 30th may 2015 organized by Fergusson College Pune, 4.

More Mayur Madhukar has won first prise in Bandish / Instrument organised by MMCOE in June 2015.

Sr.No	Name	Organization	Package In L/A
1	Onkar Patil	Tech Mahindra	3.07
2	Parth Pansare	Woshin Engg	2.30
3	Priyanka Chinchorkar	Tech Mahindra	3.07
4	Priyanka Chinchorkar	Volkswage n	1.50
5	Rushikesh maheshwari	Tech Mahindra	3.07
6	Rushikesh maheshwari	Volkswage n	1.50
7	Chinmay Nazare	Endurance	3.50
8	Gaurav Mahale	Opulent InfoTech	3.60

Teaching Faculty of Mechanical Department Engineering

NAME OF STAFF	DESIGNATION	TOTAL EXPERIENCE	PAPER PUBLISHED
 PROF. S. N. SAIPUTE M.E.(PRODUCTIN), PH.D*	PROFESSOR HOD & VICE PRINCIPAL	34	PAPERS PUBLISHED: 3 PAPERS PRESENTED IN CONFERENCES : 1
 DR. K.R. PATIL M.E. (MECHANICAL-HEAT POWER), M.P.M. PH.D	ASSOCIATE PROFESSOR	25	PAPERS PUBLISHED : 14 PAPERS PRESENTED IN CONFERENCES: 08
 DR. V. R. DEULGAONKAR M.E. (DESIGN), PH.D.*	ASSISTANT PROFESSOR	9	PAPERS PUBLISHED PAPERS PRESENTED IN CONFERENCES
 PROF. V. W. BHATKAR, M.E.(HEAT POWER), PH.D.	ASSISTANT PROFESSOR	17	PAPERS PUBLISHED: 06 PAPERS PRESENTED IN CONFERENCES : 8
 PROF. A. D. DESALE M.TECH.(AUTO.) PH.D*	ASSISTANT PROFESSOR	6	PAPERS PUBLISHED: 01 PAPERS PRESENTED IN CONFERENCES : 1
 PROF. P. K. TAMBHADE M.E. (HEAT POWER), PH.D*	ASSISTANT PROFESSOR	10	PAPERS PUBLISHED PAPERS PRESENTED IN CONFERENCES
 PROF. R. U. PATIL M.E.(DESIGN)	ASSISTANT PROFESSOR	6.5	PAPERS PUBLISHED: 01 PAPERS PRESENTED IN CONFERENCES
 PROF. R. S. YADAV M.E.(CAD/CAM/CAE), PH.D*	ASSISTANT PROFESSOR	6.5	PAPERS PUBLISHED: 02 PAPERS PRESENTED IN CONFERENCES : 01
 PROF. K. S. DEREKAR M.TECH.(WELDING TECH)	ASSISTANT PROFESSOR	4	PAPERS PUBLISHED PAPERS PRESENTED IN CONFERENCES : 01
 PROF. H. C. PISAL M.TECH.(THERMAL & FLUIDS ENGG.)	ASSISTANT PROFESSOR	9	PAPERS PUBLISHED: 01 PAPERS PRESENTED IN CONFERENCES: 01
 PROF. S. N. BELSARE M.E. (HEAT POWER)	ASSISTANT PROFESSOR	18	PAPERS PUBLISHED: 05 PAPERS PRESENTED IN CONFERENCES
 PROF. MRS. S. R. DESHMUKH M.E.(CAD/CAM/CAE)	ASSISTANT PROFESSOR	5.0	PAPERS PUBLISHED: 04 PAPERS PRESENTED IN CONFERENCES : 02
 PROF. R. P. TADAKHE M.TECH. (AUTOMOBILE)	ASSISTANT PROFESSOR	5(Months)	PAPERS PUBLISHED: 01 PAPERS PRESENTED IN CONFERENCES
 PROF. J. B. DEWAKAR, M.TECH.(MANUFACTURING)	ASSISTANT PROFESSOR	4	PAPERS PUBLISHED PAPERS PRESENTED IN CONFERENCES
 PROF. R. A. BHOGARE M.E. (HEAT POWER)	ASSISTANT PROFESSOR	4	PAPERS PUBLISHED: 01 PAPERS PRESENTED IN CONFERENCES
 PROF. N. V. MOHITE M.TECH. (TURBO MACHINERY)	ASSISTANT PROFESSOR	1	PAPERS PUBLISHED PAPERS PRESENTED IN CONFERENCES
 PROF. S. R. DHOK M.TECH.(DESIGN)	ASSISTANT PROFESSOR	3	PAPERS PUBLISHED: 01 PAPERS PRESENTED IN CONFERENCES : 01
 PROF. K. G. KULKARNI M.E. (HEAT POWER)*	LECTURER	6	PAPERS PUBLISHED: 01 PAPERS PRESENTED IN CONFERENCES : 01
 PROF. P. V. SAWAI M.E.(DESIGN)*	LECTURER	4.2	PAPERS PUBLISHED: PAPERS PRESENTED IN CONFERENCES: 01

 PROF. S. S. RAUT M.E. (CAD/CAM/CAE)*	LECTURER	4	PAPERS PUBLISHED: 01 PAPERS PRESENTED IN CONFERENCES
 PROF. MRS. M. P. TRODE M.E. (DESIGN)*	LECTURER	4	PAPERS PUBLISHED: 02 PAPERS PRESENTED IN CONFERENCES
 PROF. A. V. CHAVAN M.E. (MECHATRONICS)*	LECTURER	4.7	PAPERS PUBLISHED: 03 PAPERS PRESENTED IN CONFERENCES : 01
 PROF. MRS. P. P. KACHARE M.E. (DESIGN)*	LECTURER	5 (Months)	PAPERS PUBLISHED: 01 PAPERS PRESENTED IN CONFERENCES : 01
 PROF. M. V. KAWADE M.E. (DESIGN)*	LECTURER	1.5	PAPERS PUBLISHED PAPERS PRESENTED IN CONFERENCES
 PROF. S. B. CHAVAN M.E. (DESIGN)*	LECTURER	1	PAPERS PUBLISHED PAPERS PRESENTED IN CONFERENCES
 PROF. S. R. GORE M.E. (DESIGN)*	LECTURER	2	PAPERS PUBLISHED PAPERS PRESENTED IN CONFERENCES
 PROF. R. N. KHACHANE M.E. (THERMAL ENGG.)*	LECTURER	3(Months)	PAPERS PUBLISHED PAPERS PRESENTED IN CONFERENCES
 PROF. D. K. CHAVAN M.E. (HEAT POWER)*	LECTURER	7	PAPERS PUBLISHED: 01 PAPERS PRESENTED IN CONFERENCES : 01
 PROF. P. Z. LOHANDE M.E. (DESIGN)*	LECTURER	1	PAPERS PUBLISHED: PAPERS PRESENTED IN CONFERENCES : 5

Labs In Mechanical Department

- Workshop



- Power Plant Lab



- I.C.Engine



- Turbo Machinery



- Strength of Material



- Fluid Mechanics



• Metrology & Quality Control Lab



• Metallurgy Lab



•Hydraulics and Pneumatics (Industrial Fluid Power) Lab



• Basic Mechanical Engineering Lab



• Mechatronics Lab



• Dynamics of Machinery Lab



• Theory of Machine lab



• Cad/Cam Lab



Credits:

**Faculty Editor & Incharge Mechanical dept.e- newsletter:
Prof. Mrs. Mayuri P. Rode.**

**Faculty Editor :- Mr.R.U.Patil, Mr.R.S. Yadav,
Ms. P.P.Kachare and Mr.D.B. Chavan**