



RAJENDRA MANE POLYTECHNIC,

NEWSLETTER DEPARTMENT OF MECHANICAL (2019-20)

VISION

To prepare the students to be competent and successful mechanical engineer with professional and ethical values

MISSION

To excel in imparting extensive knowledge in Mechanical Engineering prescribed by MSBTE diploma curriculum.

To prepare the students to be successful in higher education.

To train the students to be successful in employment and business and an asset to the nation.

To inculcate integrity and honesty through circular, co-curricular and extra circular activities

Volume IV, Issue 2019-20

Chairman's Message



HON. SHRI RAVINDRA MANE
Chairman, PPS

It is a matter of great pleasure and satisfaction that RMP has come up with the first issue of the Departmental Newsletter. I believe that the newsletter will serve as a window through which the complete profile of the academic and co-curricular activities, achievements and progress made during the stipulated period can be viewed.

We at RMP are committed to creating an ambience for nurturing innovation, creativity and excellence in our students. We aim to prepare the young engineers and managers to confidently and competently face the challenges of intensifying competition by imparting high quality technical and managerial education coupled with appropriate Training and wide exposure to the state-of-art practices.

Our educational program laid emphasis on all round personality development and also in inculcating human values and professional ethics which help our students become more human and socially responsible to lead a meaningful life.

Best wishes for the success and bright future in all their endeavors.

From Principal Desk....



Prof. N. B. Bhopale

I am very happy to note that the Department of Mechanical Engineering of Rajendra mane Polytechnic (Ambav- Devrukh) is releasing its first Newsletter enumerating the various activities and achievements of their faculty and students. Mechanical Engineering is a versatile and evergreen branch of engineering. Mechanical engineer can work in various fields like automotive system, aerospace engineering, design engineering, dynamic system and control, power plant engineering, etc. and most importantly in software field also. The students and faculties of department are always proactive in taking initiatives in technical, cultural and social events. I hope that this newsletter will serve the purpose of reflecting all activities of department and it will inspire others to do their best.

I congratulate all the students who have put their efforts in bringing this first newsletter issue and also appreciate HOD and all faculty members for motivating their students towards this fulfillment. I wish each one of them in the Department success in all their endeavors.

HOD Mechanical



Firstly, warm welcome to Mechanical engineering Department. Mechanical Engineers play a significant role in the design and manufacturing of all of the products and systems essential to everyday modern life: things like home appliances,

Bikes, iPods, electric power generation, recreational equipment, wheelchairs, airplanes, robots, industrial equipment to name a few. We have a team of dedicated and experienced faculty, driving the department towards excellence in teaching.

The Department organizes Seminars, workshops on wide-ranging topics every year. We have a very good Industry-Institute interaction and we organize Industrial Visits for students periodically to provide an opportunity for the students to interact with working professionals from industry.

We believe in holistic development of students and aim at identifying the hidden skills, developing the personality and inculcating human values to mould our students into technically-qualified professionals ready to face the competitive world. Backed by a number of well-developed laboratories such as Computer Aided Manufacturing Lab, the department also has well-established basic laboratories such as Basic Workshop Practice, Mechanical Testing lab, Machine Shop, Mechanical Measurements & Metrology Lab, Fluid power lab, Hydraulic mechanics & Machinery lab, Thermal Lab, TOM Lab, and Solid Modeling & CAD Lab.

Vision of PSPS's RMP

To prepare the students to be competent and successful engineer with professional and ethical values and progressive technology.

Mission of PSPS's RMP

To provide conducive environment for preparing competent, value added and patriotic engineers of integrity of par excellence to meet global standards for societal development.

Objectives

- To impart innovative teaching and learning.
- To provide quality education with futuristic trends in engineering and technology.
- To develop the institute as a research center for academic excellence.
- To ensure continual improvement in quality management system.
- To inculcate social values, patriotism and professional ethics among students.

About Department

Mechanical engineering focuses on working with the tools and machinery taking into account the principles of Science, mainly Physics for the development of various systems for mankind.

In today's world, Mechanical Engineering are pursuing developments in the fields such as Composite Materials, Mechatronics, Industry Automation, Product Design and Development, Renewable Energy Sector and Industrial developments.

Mechanical Engineering aim to ease the lifestyle with the advancement in technology to further advance the world around us, providing more comfort, ease and economic vitality globally.

Today we find that Mechanical Engineering have made a benchmark with their creations, innovations and inventions in almost all the aspects of life.

Mechanical Engineering can make their career in the field of Thermal Engineering, Manufacturing, Design Engineering, Aerospace, Automobile, Robotics etc.

The department also offers PhD in major thrust areas. The department has highly qualified faculty members, state of art laboratories and infrastructures. Various Funded Research Projects and Consultancy projects are also taken up. Students of the department are actively involved in various extracurricular activities and extension activities.

Vision of Department

To nurture the students by providing high quality broad based technical education for global societal development and continuous improvement in value added knowledge.

Mission of Department

To excel in imparting extensive knowledge in Mechanical Engineering prescribed by MSBTE diploma curriculum.

To prepare the students to be successful in higher education. To train the students to be successful in employment and business and an asset to the nation

EAMC Remark

Year	Remark
2018-19	Excellent
2017-18	Very Good
2016-17	Excellent
2015-16	Excellent
2014-15	Very Good
2013-14	Very Good

Editorial Board

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Ketan Kawathekar

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Prof. R. R. DONGARE

M.E.(App) DESIGN ENGINEERING

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M.E (App) DESIGN ENGINEERING

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Lab Assistance

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Anuj Chiplunkar

Yasin Bodale

Gaurav Nimaje

Chinmay Jachak

Departments Labs.....

Mechanical Engineering, being a core branch of General Engineering, we are proud to possess state of art laboratories. These labs are well equipped with actual experimental set-up, models and charts for the students to have hands on experience apart from theoretical knowledge. In order to meet dynamic requirements of industry, the advanced lab like CAD/CAM lab have been set-up to impart latest engineering knowledge & training to students. The department regularly conducts certificate programs for Auto CAD & new design strategies. The Department also has MOU with Milestone Solution Pvt. Ltd for conducting new design courses for updating knowledge of students. Department have Qualified, Sincere and Dedicated Teaching & Non Teaching faculty members. Faculties are trying to upgrade their knowledge and skills by attending various Workshops & Seminars. The students of the department are placed in reputed industries such as BAJAJ, POSCO, CEAT, CMS & TATA MOTORS etc.



CNC LAB



COMPUTER AIDED DRAFTING LAB



WORKSHOP



Strength of Material lab



Fluid Mechanics Lab

Placement Record

SR. NO	COMPANY NAME	ACADEMIC YEAR					2017-18	2018-19	TOTAL
		2012-13	2013-14	2014-15	2015-16	2016-17			
1	TATA MOTORS, PUNE	15	17	--	-	--	--	--	32
2	LARSEN AND TOUBRO, MUMBAI	17	--	--	-	--	--	--	17
3	SEA CAREER MARITIME SERVICES, GOA	58	58	--	-	--	--	--	116
4	POSCO STEEL, MANGAON	05	--	01	-	--	--	--	06
5	MAHINDRA AND MAHINDRA, NAGPUR	--	60	--	-	--	--	--	60
6	SANDVIK ASIA PVT LTD, CHIPLUN	--	04	--	-	--	--	--	04
7	TVS, PUNE	--	02	--	-	--	04	--	06
8	BAJAJ AUTO LTD, PUNE	--	--	03	09	03	03	15	33
9	CMS INFO SYSTEM PVT LTD, MUMBAI	--	--	07	-	--	--	--	07
10	JAGRUT MOTORS, RATNAGIRI	--	01	03	-	--	--	--	04
11	UNIQUE MOTORS, RATNAGIRI	--	--	01	-	--	--	--	01
12	CEAT TYRE, MUMBAI	--	--	02	-	--	--	--	02
13	EATON FLUID POWER PVT. LTD., PUNE	--	--	--	09	--	--	--	09
14	FLASH ELECTRONICS, PUNE	--	--	--	06	08	28	18	60
15	FUKOKU INDIA PVT LTD, PUNE	--	--	--	01	01	--	--	02
16	IMPACT INFOTECH PVT LTD, PUNE	--	--	--	01	--	--	--	01
17	VEE COMMERCIAL PVT LTD, MUMBAI	--	--	--	01	--	--	--	01
18	MAHINDRA AND MAHINDRA, MUMBAI	--	--	--	07	--	--	--	07
19	NAINKO EXIM PVT LTD PUNE.	--	--	--	--	09	--	--	09
20	JOHN DEERE PUNE	--	--	--	--	18	--	05	23
21	CIPLA GOA	--	--	--	--	01	--	--	01
22	WIPRO	--	--	--	--	--	07	--	07
23	BHARAT GEARS, MUMBAI	--	--	--	--	--	61	45	105
24	TE CONNECTIVITY PUNE	--	--	--	--	--	--	07	07
25	FAURECIA AUTOMOTIVE SEATING INDIA PVT LTD, PUNE	--	--	--	--	--	--	07	07
26	POLYRUB COOPER STANDARD FTS PVT LTD	--	--	--	--	--	--	02	02
Total		95	142	17	34	40	103	99	530

PRATHMESH BAPAT

PLASTIC WASTE DISPOSAL PROBLEM (2018-19 T.Y. MECHANICAL ENGINEERING)



Economic development significantly contributes to improvements in life standards. Therefore, both economic development and environmental conservation are the immense important aspects and priorities of 21st century. Both require simultaneous indispensable support and adequate consideration, so that they are in fact not only being compatible but also remain mutually supportive. However, coupled with life standard improvement, economic prosperity also induces environmental degradation with long-term irreversible consequences for nature. Rapid population growth, urbanization, and industrial growth have led to severe waste management problems in several cities around the world. Simultaneous development in economic prosperity and industrialization often conflict with sound environmental considerations. The real problem, however, is the lack or inadequate environment management at a grass root level. The basic requirement is, therefore, need an approach toward technological development for the minimization of environmental degradation

List of class Toppers

T.Y. MECHANICAL TOPPERS (2018-19)

1. ONKAR SURVE - 88.05%
2. BAPAT PRATHAMESH - 88.00%
3. PALLINATH KHUMBHAR - 85.63%

S.Y. MECHANICAL TOPPERS (2018-19)

1. SHIVAM PAWAR - 83.05%
2. NAYAN RANE - 75.00%
3. PRATIK PALEKAR - 73.88. %
4. RUJHAN KAZI - 73.88 %

Alumni Feedback



CHAGAN KHARAT

(2017-18 MECHANICAL ENGINEERING)
SENIOR ENGINEER
VOLVO & EICHER INDIA PVT LTD, MUMBAI

It's great honour for me to be a part of Rajendra Mane Polytechnic family to learn, excel and put into practice. The college has given me the guidance to follow the right path in my career by providing me with excellent internship opportunities such as Volvo & Eicher commercial vehicle pvt ltd. In short, I achieved what I desired to.

It's always true that "Where there is will there is a way" I came with my dreams in Rajendra Mane Polytechnic and I am happy now. I thank all the faculties who always motivated and helped me to overcome my weakness. I am happy with my job.



AKASH D SINGH

(2017-18 MECHANICAL ENGINEERING)
BAJAJ AUTO, PUNE

To get the start of career in a BAJAJ AUTO.LTD. Will be the goal of most of the students, so was mine. Initially didn't even have a glimpse of how to decide the path of that goal. It was the faculty of Rajendra Mane Polytechnic (RMP) and its Placement Cell that gave me the push and guided me to gain knowledge and prepared me to get selected in an BAJAJ AUTO.LTD. And so, now I am at one of the most leading automobile manufacturing company.

I wish to express my heartfelt thanks to all faculty of RMP who led me through, supported me in all ways and above all believed in me.

So Guys if you have the goal and if you think that you can work hard for it, then all you need is just an opportunity to show your potential, ,



KAUMUDI RAVNANG

(2016-17 MECHANICAL ENGINEERING)
JOHN DEERE INDIA PRIVATE LIMITED

All engineers want to join MNC. I am also one of them. When I pursuing final year many companies came in college for campus interview. I was selected for two companies, but I decided to join MNC. Then my carrier started towards dream. Rajendra Mane Polytechnic gave a chance to fulfil my dream. TPO and faculty members guided me to obtain knowledge about MNC. And now I am at **John Deere India Private Limited**, one of the fastest growing mechanical companies in world.

I express my thankfulness to all faculty members of mechanical department who motivate and support me to started my carrier at MNC.



SHIVGURU B PAWAR

(2016-17 MECHANICAL ENGINEERING)
BAJAJ AUTO LTD., PUNE

Every engineer has a goal to work or to enjoy entire carrier life in his favorite filed. For me it's an Automobile one and I got chance to work for my dream filed during my diploma and the reason behind it is Rajendra Mane Polytechnics (RMP). Faculty and friends always push me to become technically strong just because of their support right now I'm part of BAJAJ Auto Ltd India one of the well-known automobile manufactures in our country. Currently working for Research and Development department.

Working with such knowledgeable faculties is always great. Every day adding something to my knowledge. Also working for upcoming models with new technologies. So, its high time to give credit for my current position and obviously credit goes to my faculty teachers and friends from RMP.

Friends always keep working for your dreams and I know team RMP is also backing you people to chasing your goals; so, stay strong, grab your opportunity and believe in yourself.

Be ready for bright future!!!



VIPIN PANACHVILLA

(2012-13 MECHANICAL ENGINEERING)
TEAM LEADER
VOLKSWAGEN INDIA PVT.LTD, PUNE.

It's always a dream of every Student to start of his professional career in an MNC. So was mine. It was the faculty at Rajendra Mane Polytechnic who guided me and motivated me to reach my dream. I got placed at Tata Motors, Pune, India's largest automobile company in a campus interview at RMP. Today, I am working in Volkswagen India Pvt Ltd, Pune, World's largest automobile company, as a Team Leader.

I wish to extend my gratitude and thanks to all the faculty at Rajendra Mane Polytechnic, who supported, encouraged and motivated me in all my ways. It's a campus where I got a stage to develop and exhibit my skills and talent.

Dear friends, RMP is a huge platform for all who dream big and are ready to work hard and achieve their goals. There is no excuse for Success. All you need is Self belief and hard work.

Extra Curriculity Activity



Alumni Meet (2018-2019)



Blood Donation camp

17 Aug. 2019



Industrial Visit



At Cleantech Company (Coupling) Pune , 15 Aug. 2019



At Cleantech Company, Pune, 15 Aug. 2019



Maharashtra State Board of Technical Education

Details of Industry Visit / Vocational Training

Academic Year: - 2018-19

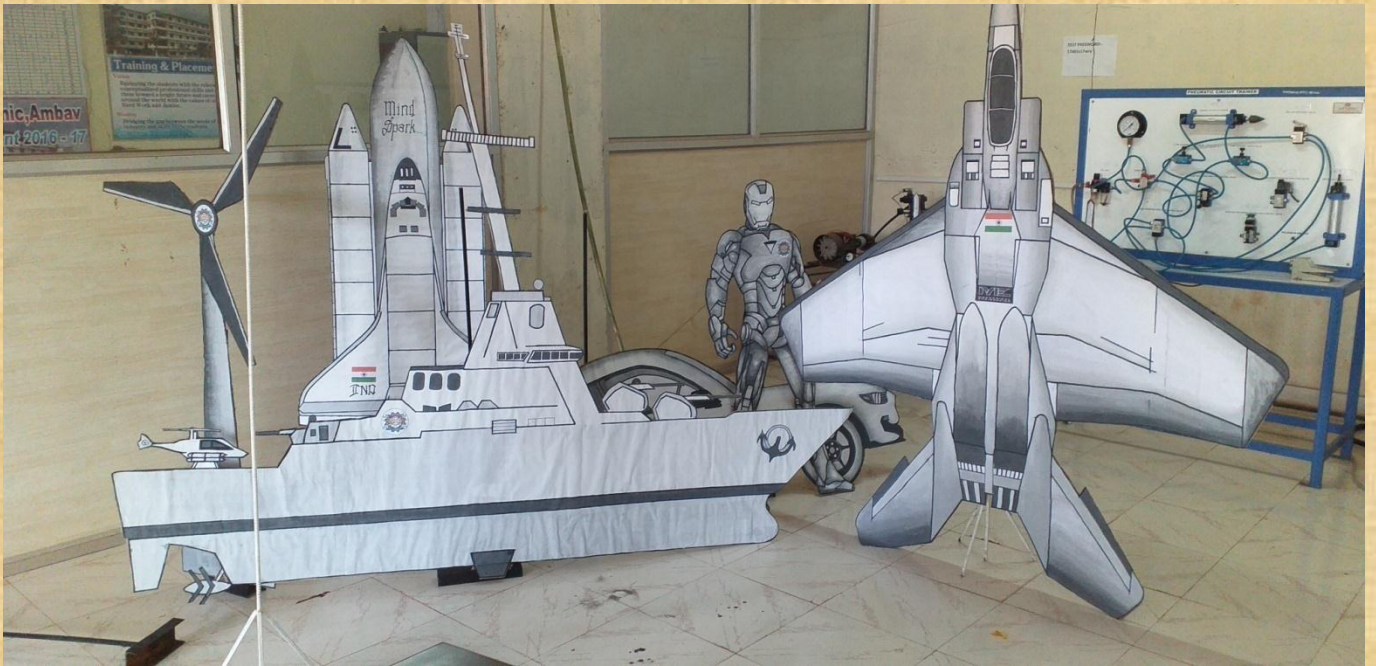
Program: - MECHANICAL ENGINEERING

Sr. No	Name of Industry & Conduct Details	Semester	Course Name	Name of Coordinator	Date of Conduction Activity	No. Of Beneficiaries	Relevance to PO's PEO's With (Only Nos)
01	DIVISIONAL WORKSHOP, MSRTC,RATNAGIRI	FIFTH	AEN	Mr. G. U. Dongare	24/08/2018	85	CO1,2,3,4,5 PO3,4,5,6,8
02	DEVRAI KRUSHI UDYOG	FIFTH	AMP	Mr. R. R. Dongare	01/09/2018	45	CO1,2,3,4,5 PO3,4,5,6,8
03	MAPRO FOODS PVT.LTD	FIFTH	AMP	Mr. R. R. Dongare	29/09/2018	45	CO1,2,3,4,5,6 PO3,4,5,6,8
04	V.S. TOOLS	FIFTH	MQC	Mr. A. V. Pawaskar	29/09/2018	45	CO 1,2,3,4,5 PO 1,2,3,5
05	OM Tulaja bhavani enterprises	FIFTH	AMP	Mr. R. R. Dongare	29/09/2018	45	CO1,2,3,4,5 PO3,4,5,6,8
06	H.D. NAIK ICE PLANT	SIXTH	RAC	Mr. J.M. Sirase	02/02/2019	80	CO1,2,3,4,5 PO3,4,5,6,8
07	MARCO FOOD PRODUCTS	SIXTH	RAC	Mr. J.M. Sirase	02/02/2019	80	CO1,2,3,4,5 PO3,4,5,6,8

MINDSPARK 2K19

8TH & 9TH FEB 2019





Replica of College Made by Mechanical Student

Activities by MESA



National Service Scheme



Marathi Bhasha Divas, 27 Feb. 2019

Carrier Guidance Program



Guest lecture on online earning by using Freelancer



CAMPUS RECRUITMENT (2018-19)



Rajendra Mane Polytechnic, Ambav

Campus Recruitment 2018-19

Congratulations!

Mechanical Engineering



BAJAJ

Distinctly Ahead

Automobile Engineering


Nitin Borsutkar

Chirag Ambekar

Kalpesh Pandere

Suyog Bhuravane

Atharav Deshpande

Hemant Mandavkar

Sanket Karkar

Mayank Pawar



BAJAJ

Distinctly Ahead


Akshay Shigwan

Talib Fakki

Sanket Devalekar

Prathamesh Bhare

Prathamesh Bhuravane

Atharva Soman

Aniket Jogale



Rajendra Mane Polytechnic, Ambav

Bharat Gears Ltd Mumbai

Campus Recruitment 2018-19

CONGRATULATIONS!

Mechanical Engineering



BHARAT GEARS

Automobile Engineering


Ashish Devale

Akshay Lanekar

Suyog Todkar

Prashant Hatankar

Rahul Shinde

Chinmay Surve

Aniket Pol

Adnan Bang

Gaurav Kadam

Chintan Gandhi

Saurabh Kadam

Sahil Narkar

Rohit Gavali

Mahesh Dharmapurkar

Shirhan Jadhav

Sahil Shivalkar

Vijay Shinde

Saurabh Jangam

Rutik Mangar

Pradip Pawar

Sahil Gandhi

Hrishikesh Dalvi

Onkar Surve

Akshay Bhat

Swaraj Ghemad

Soumya Chikane

Mayank Pawar

Chirag Ambekar

Sahil Wadkar

Rushesh Nactaneekar



BHARAT GEARS


Akshay Shigwan

Talib Fakki

Atharva Soman

Kiran Kokutmoor

Harshal Bombale

Shubham Mundekar

Abhishek Jaygade

Haresh Kuvalekar

Devendra Pantharam

Omkar Pawar

Sainath Paravate

Hardik Chavan

Rohit Pawar

Pranay Chafekar