



Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil Polytechnic Satara



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Mechanical Engineering Department Newsletter

For Private Circulation only

DEPARTMENT OF MECHANICAL ENGINEERING

VISION

Mechanical Engineering Department strives to provide quality technical Education and to provide the best and efficient technicians for meeting day to day challenges of industries.

MISSION

To empower the mechanical human resource at grass root level through strengthening technical education.

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PO's and PSO's

Program Outcomes (POs) of Mechanical Engineering Department	
At the entry point of the industry soon after successful completion of the diploma program, students will be able to	
PO 1	Basic Knowledge: Apply knowledge of basic mathematics, science and basic engineering to solve the broad-based Mechanical engineering problems.
PO 2	Discipline knowledge: Apply Mechanical engineering knowledge to solve broad-based mechanical engineering related problems.
PO 3	Experiment and Practice: Plan to perform experiments and practices to solve broad-based Mechanical engineering problems.
PO 4	Engineering tools: Apply relevant Mechanical technologies and tools with an understanding of the limitations.
PO 5	The engineer and society: Assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to practice in field of Mechanical engineering.
PO 6	Environment and sustainability: Apply Mechanical engineering solutions also for sustainable development practices in societal and environmental contexts.
PO 7	Ethics: Apply ethical principles for commitment to professional ethics, responsibilities and norms of the practice also in the field of Mechanical engineering.
PO 8	Individual and team work: Function effectively as a leader and team member in diverse/ multidisciplinary teams.
PO 9	Communication: Communicate effectively in oral and written form.
PO 10	Lifelong learning: Life-long learning: Engage in independent and life-long learning activities in the context of technological changes also in the Mechanical engineering and allied industry.
Program Specific Outcomes (PSOs) of Mechanical Engineering Department	
At the entry point of the industry soon after successful completion of the Mechanical Engineering Diploma program, students will be able to	
PSO 1	Modern Software Usage: Use latest Mechanical engineering related software's for simple design, drafting, manufacturing, maintenance and documentation of mechanical engineering components and processes.
PSO 2	Equipment and Instruments: Maintain equipment and instruments related to Mechanical Engineering.
PSO 3	Mechanical Engineering Processes: Manage Mechanical engineering processes by selecting and scheduling relevant equipment, substrates, quality control techniques, and operational parameters.

DEPARTMENT PROFILE



Karmaveer Bhaurao Patil Polytechnic, Satara (formerly Karmaveer Bhaurao Patil College of Engineering and Polytechnic, Satara) started functioning in the year 1983 with three courses Construction Technology, Digital Electronic and Production Technology. With the developments in engineering field, the Construction Technology & Production Technology was changed to Civil Engineering and Mechanical Engineering. Also two additional courses were introduced, Electrical Engineering, Computer engineering in year 2010 and 2011 respectively. Mechanical engineering is one of the oldest branches of engineering. It is also referred to as the 'mother' branch of engineering. Another appealing feature of mechanical engineering is that the application base of this field of study is extremely broad and diverse. Almost all inventions during the ancient period and a vast majority in the modern era are direct contributions of one or the other application of mechanics. Traditionally, mechanical engineers have to deal with concepts such as mechanics, thermodynamics, robotics, kinematics, structural analysis, fluid mechanics and many others. Mechanical engineers also contribute in the development of various engines, power plant equipment, heating and cooling systems and other simple and complex machinery. Mechanical engineers not only design new mechanical systems but they are also responsible for testing, maintaining and manufacturing them. The aforementioned are the conventional roles and responsibilities of mechanical engineers. However, times have changed. Nowadays the scope of mechanical engineering is expanding beyond its traditional boundaries. Mechanical engineers are focussing their attention towards new areas of research such as nanotechnology, development of composite materials, biomedical applications, environmental conservation, etc. The ever increasing scope of this particular job profile now requires professionals to get into financial and marketing aspects of product development and even into people and resource management. All in all mechanical engineering offers a wide bouquet of job options to students who are looking for a stable and stimulating career. Department aspires all the overall development of the student through various co-curricular and extracurricular activities. Students are cultivated through industry expert lectures, seminars, workshop, skill development programs and industrial visits. Students are also encouraged to organize and participate in various events such as project competition, technical paper presentation, quiz competition, social activities, etc.

FROM THE EDITOR IN CHIEF DESK

“E-Books vs. Print Books: An Overview”



Key Takeaways

- Print books have the feel of a book that many readers love. You can hold it, turn the pages, and feel the paper.
- Paper books are easier on the eyes since there's no eye strain that comes with an electronic device or e-reader.
- E-books are usually less expensive than their paper counterparts.
- E-books come with font flexibility, making reading easier and e-readers can store thousands of e-books on a single device.

Print Books

Print books have some advantages over e-books, including that they have the feel of a book that many readers love. You can hold it, turn the pages, and feel the paper. Also, for those who like to read as they fall asleep, paper books make a better choice since there's no eye strain that comes with an electronic device or e-reader.

On the other hand, paper books can be difficult to carry around, especially hardcover books. If you're an avid reader and you're going on a trip, you'd need to pack books in your luggage whereas an e-reader or iPad is far easier to take.

The cost of printed books is more expensive than e-books. Print books from large publishers have a significant amount of overhead, including office space, utilities, benefits, and salaries for employees. Other costs include the printing, editing, marketing, and distribution process.

Also, publishers take an enormous risk by signing an author since there's no guarantee the author's work will be successful. All of these factors go into the final price reader's pay for a print book.

E-Books

E-books are usually less expensive than their paper counterparts. However, there are exceptions. Since e-books are delivered in digital format, many readers assume that e-books should cost less than their print counterparts. According to some publishers, printing a book accounts for only about 10% of its cost.

Most e-books range in price from \$9.99 to 99 cents, and many classic books are free online. However, when you get down to the dollars and cents, there really isn't a great deal of difference, especially if you consider books from the larger publishing houses.

Publishers that offer e-books still have to pay overhead and employees, including editors. One book can have multiple editors including content editors, grammar editors, line editors, character editors, and final

editors. Since a good cover can draw a reader to explore a book, a good graphic designer is necessary, which adds to the overall cost of publishing. Just like print books, there's also marketing to create magazine ads, posters, and ads for online markets.

Pricing Considerations

Ebooks have the added technology costs, which involves formatting the e-book so that the various electronic devices can properly download and store the book. A percentage of e-book sales must be paid to the online seller such as Amazon and Barnes & Noble, which can be anywhere from 30% to 50% of the cover price. The author gets paid as well. For large publishers and book releases that are to be distributed worldwide, e-books still have a substantial cost to producing them despite saving money on printing and shipping.

Smaller publishers and independent authors do have more leeway with pricing, but they still have many of these costs. They must give a percentage of their e-book sales to the online distributor, and unless they are graphic designers, they must hire an illustrator to create their cover art.

Most authors have to hire someone to convert their books into e-book format. Plus, they still have the marketing and promotional costs that are required to get their books noticed. However, e-books are lower in cost to produce, and it's typically reflected in their lower price than print books.

The electronic devices used for e-books can be an added benefit. E-books come with font flexibility making reading easier. Also, you can store thousands of e-books and magazines on a single device. You can check out library books on your e-reader, and they e-books save trees.

The Drawbacks

There are some drawbacks that are unique to e-books. You must recharge an e-reader or electronic device. Some screens are not easily readable in sunlight. Also, e-readers can cause eye-strain from looking at the screen. If you work in front of a computer all day, the last thing you might want to do is read your favorite author's stories on a computer screen.

Mr. N. B. Devi

**I/c Head of Department (Mechanical Engineering)
Karmaveer Bhaurao Patil Polytechnic, Satara**

FROM THE EDITOR'S DESK

“Which is Better Classroom or Online Teaching”



I think it depends on the type of person that is taking the class, actually. Some people are very introverted and do better by themselves. They don't like the group interaction, or they may be physically unable to participate in a class setting. These may be reasons why online learning is better for some people. If you have to argue the point of classroom learning being better, I would explain why it is more engaging and what you mean by that. Use examples. Explain why the classroom would have fewer distractions. The advantage to classroom learning in addition to your other points could be that in a group setting in person, there is more opportunity for group interaction that is immediate and more spontaneous than it would be even if several people were on a virtual classroom site, skipping for example, at the same time. The edge over virtual classrooms that in-person classrooms will always have is the ability for more immediate kinesthetic learning and assistance. What I mean by that is that say you are working on building a model, following the teacher's step-by-step instructions in a classroom with other people. You can't get your part to fit into the place the teacher says to put it. In a regular classroom, someone could jump up and help you, briefly explain what you were doing wrong, and then you get it. Not so in a virtual classroom. Hope this helps.

Mr. S.S.Jadhav

Lecturer (Mechanical Engineering)

Karmaveer Bhaurao Patil Polytechnic, Satara

FROM THE FACULTY DESK

Antilock Braking System (ABS)



Wheel Lock during Braking:

When the Brake force applied is more than the friction between road and tire and then wheels will lock.

Wheels will lock under critical Braking systems such as –

- Panic Brake due to unanticipated obstacle
- Braking on wet or Slippery surfaces

Effects of Wheel Lock

Front wheel locking – Loss of Steerability & Vehicle going out of control

Rear wheel locking – Loss of stability.

More Tyre wear – Strong Abrasion of Tyres

How to avoid Wheel lock

Individual wheel brake pressure to be controlled precisely based on –

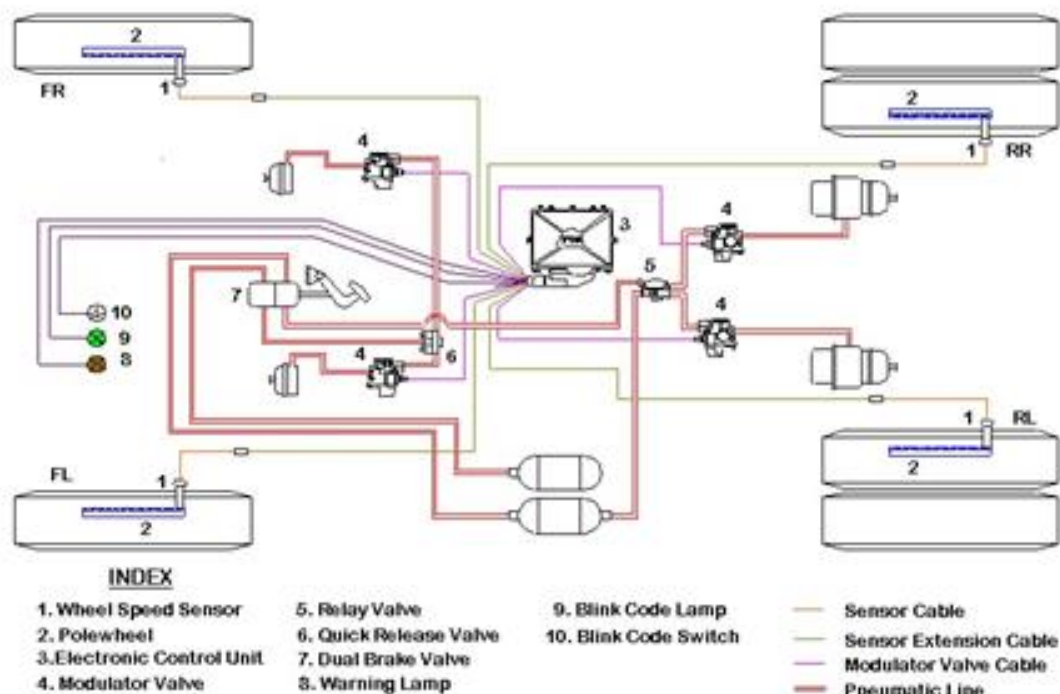
- ❖ Road condition
- ❖ Load condition
- ❖ Speed of the vehicle
- ❖ Brake lining condition

Principles of ABS Control

- Wheel Reference speed for each wheel is generated
- The vehicle speed is estimated based on individual wheel reference speeds
- The wheel slip for each wheel is continuously monitored
- If the wheel slip exceeds a predetermined threshold value, ABS control begins
 - ❖ Pressure release - start of ABS control
 - ❖ Pressure hold - from start of wheel recovery to end of recovery
 - ❖ Pressure Apply / hold cycles - from end of recovery till wheel slip exceeds

- ❖ once again the predetermined threshold value

Typical ABS System – Brake Schematic circuit with ABS



ABS Operation

- A Polewheel is fitted to the Rotating wheel hub on all four wheels.
- A Magnetic sensor is mounted on each wheel In close proximity to the Polewheel,
- The Sensor generates electrical pulses when the Polewheel rotates.
- The rate at which the pulses are generated is the measure of each wheel speed.
- This wheel speed signal is transferred to the Electronic control unit (ECU)
- When the wheel is about to lock, the ECU sends the signal to the corresponding Modulator Valve Solenoid, which releases pressure from the Brake Chamber of that wheel brake. When the wheel recovers sufficiently, pressure is re-applied again by the ECU by switching off the signal to the Modulator valve.

Mr. S.B.Sabnis

Training and Placement Officer

Karmaveer Bhaurao Patil Polytechnic, Satara

Tips to Maintain Your Bike in Good condition

Let us make theory more interesting by implementing practically.



1. Regularly Check Tyres

It is important to check your bike tyres regularly – A thorough look at the condition of your bike and the air pressure. Make sure that the tyre air pressures are maintained at the levels which are recommended by your bike manufacturer.

Do check tyres for possible cuts and scrapes that could cause undesirable things like tyre blowout. Do not forget to check your tyre treads at least once in a week. Also check for the wheel balance and alignment. In order to check Tyre pressure, you can use Digital Tyre Pressure Gauge which is actually a key chain that displays the gas pressure of the bike in a digital format.



2. Check Engine Oil

Engine oil plays a crucial role in smooth operation and maintenance of your bike. Regularly check the engine oil level and always maintain a correct level. Check for any possible oil leakages. Due to presence of carbon deposits, the oil is going to thicken creating a drag in the movement of engine internals.

It is very important to understand that running your bike on dirty oil would just not increase the consumption of fuel but also drastically reduces the engine life.

3. Clean Air filter

The dusty conditions in India could clog up the filter in very less time – make sure to keep the air filter clean. Always change the air filter at recommended intervals; also increase the cleaning frequency in particularly dusty conditions.

4. Clutch Adjustment

Clutch is used to change the gears on regular intervals during the ride and is very often used. The clutch should be adjusted correctly and should have the right amount of free play. Don't tighten your clutch too much – an over tightened clutch would cause it to slip without your notice and also leads to increase in fuel consumption. So, make sure you have the right clutch adjustments in place.

5. Engine

Engine is the heart of your bike – Servicing your bike regularly and tuning it up would keep the engine running like clockwork, thus reducing your petrol bills. Do pay special attention, while cleaning the

carburettor and maintaining valve clearances. Remember to keep carburettor always clean. For every 1500 kilometers (or as recommended by bike manufacturer) clean out the carburettor float chamber as well as the other parts. Do not neglect the all-important spark plug. Make sure that your Spark-plug is clean and the gap is set correctly; otherwise replace the Spark-plug as it is the most crucial link in proper engine combustion.



Regularly clean the spark plug, preferably for every 750 kilometers in the case of two-stroke motorbike and for every 1,500 kilometers for four-stroke bike. Most of the modern bikes these days would require the choke to be used, to work on cold starts. Using choke helps in meeting the emission norms and also the fuel efficiency requirements.

6. Transmission System

Your motorcycle's chain needs a regular lubrication as well as cleaning and adjustment. Use paraffin to wash the chain. Use a piece of cloth and a soft brush in order to remove the dirt which has gotten accumulated in the chain. Never use water for cleaning the chains, as that could rust the chain links. Once the dirt has been cleaned completely, with the help of a brush and paraffin wipe the chain with a clean dry cloth.

You can use the used engine oil to lubricate the chain links and the chain. Also check if your motorcycle's chain has a free play of around 2 to 4 mm in general by testing it by moving chain up and down in a vertical direction with the help of your fingers. Remember that your bike's chain should have the proper tension and free play of the rear wheel. Any variation in the tension of chain would not power the rear wheel smoothly when the bike is motion. In the case, if your bike's chain is loose, the power delivery from engine to wheel would not be optimal, thus results in loss of power due to slippage. Getting the bike to mechanic or service center and getting the chain adjusted to manufacturer's specifications is the wise thing to do.

Never try to overrun your engine. Going at high-speeds continuously could damage bike's engine. Never attempt to shift your bike from fifth gear to first gear very instantaneously that could potentially damage the piston rings of your bike.

7. Cleaning the surface

The 2 wheeler body surface has to be cleaned regularly in order to maintain the surface finish. Before you start cleaning the motorcycle, make sure that the ignition switch unit, H.T. Coil and silencer are thoroughly

covered using plastic sheets. Also, avoid exposing your bike to direct sunlight, try to park your bike near to shade, frequent exposure to sunlight would dull your bike's appearance.

You should always use Microfiber cloth to clean your bike.

8. Maintain Battery

Your bike's battery requires periodical maintenance to ensure a long and trouble free life. If required, top-up the battery with distilled water. Examine for any leakage from the battery. The bike should be clean as well as free from any sort of battery leakages. If the motorcycle is not used for long time, you have to ensure the battery should be kept fully charged.

9. Maintain Brakes

Always keep both the brakes holding the tyre properly spaced. Both the brakes becoming too tight, or too loose are very dangerous. The Brakes are always recommended to be tightened as per the bike rider's personal style and requirement. Replace the bike's brake pads in the front if screeching sound persists, this could also be because of lack of oil.

10. Check Fork Oil

Remember to change your bike's fork oil, for once in every 12000 kilometers or as per manufacturer's recommendations

11. Check Sprockets

Check the Sprockets and replace them when necessary. The usual wear-out limit for sprockets is 40,000 kilometers or as per manufacturer's recommendations.

12. Riding Speed

Try and maintain a riding speed of 40 to 60 kilometers to reduce the fuel consumption as well as to keep the bike in good health.



Drive Safe Be Safe!

Mr. S.G.Sherkar

Workshop Superintendent

Karmaveer Bhaurao Patil Polytechnic, Satara

FROM THE STUDENT DESK

What Is the Future of Electric vehicles in India?



- Mulla Owais Kasam (TYME)

India's focus on next generation mobility has definitely taken on legs under the current government, but the 'National Electric Mobility Mission Plan (NEMMP) 2020' was actually unveiled in 2013 under the Congress-led government.

So What Is An Electric Car?

For the uninitiated, an electric car is just a car propelled by one or more electric motors using energy stored in rechargeable batteries. There are

Broadly three kinds of electric cars at present:

1. Plug in hybrid electric vehicle
2. Full/strong hybrid vehicle
3. Mild hybrid
4. Micro hybrid.

Benefits of EV'S

1. Cheaper to run and maintain.
2. Environment friendly.
3. Safety improvements.

What Are The Challenges In Consumer Adoption Of Electric Cars?

1. Charging infrastructure
2. Battery performance
3. Supply-demand gap
4. Creating the closed-loop

How Can The Government Promote Electric Cars Further?

The Indian government is running for its goal of making 30% of Indian vehicles electric by 2030. The steps taken in 2019 to promote electric vehicles in the country include:

1. Special policy measures such as slashing GST on EVs to 5% versus 28% for combustion engines
2. INR 10K Cr allocated to FAME II to push electric mobility through standardization.

CONCEPT OF LINE BALANCING



**Ms. Gouri Santosh Kadam.
SYME – B**

I am Ms.Gouri Santosh Kadam from SYME – B feeling glad to present this article of micro project ‘Concept of Balancing’. Concept of Balancing is one of my favorite micro project that I have chosen for this article. That was the great experience of doing this project with my two friends named Srushti Dange and Monali Yadav. We al-together gathered all the information based on concept of balancing with the help of some devices like mobile, computers, text books and reference books and of course under guidance of Prof. Zore sir who was teaching us theory of machines with great efforts.

When topic was given to us for micro project we have started collecting all the information of balancing and their types and methods of balancing. We wrote all the information in descriptive form then we minimized it as per necessity. When we faced some queries our subject teacher was there to solve them. Collected information had checked by our subject teacher and after his positive response on it we finalized this project and typed it and printed it out.

We have achieved some aims from this micro project such as we studied the concept of balancing, types of balancing, and we’ve known various methods of balancing.

After getting good remarks our confidence has enriched and we have become ready to do more micro projects like this.

Thank You !

GUEST LECTURES



A Guest lecture on **Piping Design Engineering and construction** was delivered by **Mr. Pramod Deshmukh** Asian Academy of professional Training India Pvt. Ltd. on 20th January 2020 for third year Mechanical Engineering Students. The session began with introduction of career opportunities after diploma. Further, the speaker



discussed about candidates and opportunities to make their careers with Engineering consultants, EPC contractors, Project engineering companies. This course is useful in following engineering domains such as chemical process plants, power stations, petro chemical plants, piping (oil and gas sector). Total 35 students attended the lecture.

A Guest Lecture on **Introduction to PLC and SCADA system** was organized on 10th January 2020 by **Mr. Mubin Shaikh** Prolific Systems and Technologies Pvt. Ltd. to Second and Third year Mechanical students. It also helped the students to gain insights to PLC and SCADA system and its applications. The



lecture was enlightening experience as it helped to gain knowledge about



automation through integration of controllers, distributed data acquisition and control systems, PC based open software solutions.

INDUSTRIAL VISIT



Industrial visit has its own importance in a career of a student. Therefore, various one day Industrial Visits was arranged for Second Year as well as Third Year Mechanical Engineering Students. Objectives of industrial visit are to provide students an insight regarding internal working of companies.

The Industrial Visit at **Rohit Infrastructure Pvt. Ltd. Satara** was organized on 01st February 2020 for Second Year as well as for Third Year Mechanical Engineering Students. Total 80 students attended the visit.



PARENT STUDENT TEACHER MEET



Parent Student Teacher Meet was held in Karmaveer Bhaurao Patil Polytechnic, Satara by Mechanical Department on 21 January 2020 in college auditorium hall at 11:00 AM.

Parent Student Teacher Meet was organized for parents whose children are in Second Year and Third year of Mechanical Engineering Diploma. HOD Prof. N. B. Devi guided the meet with respect to the prevailing MSBTE Norms and regulations.

Parents were informed about department's activities, students' progress, academic calendar, MSBTE exam schedule etc. attendance report as well as class test marks report of students are handed over to respective parents.



STUDENT'S ACHIEVEMENTS



Our student of Third year Diploma in Mechanical Engineering Mr. Rushi Pathakaji received Best Industry Sponsored Award in Dipex 2020 under the valuable guidance of Prof. S.B. Sabnis and Head of Mechanical Engineering Department Prof. N.B. Devi.



Mr. Rushi Pathakaji of Karmaveer Bhaurao Patil Polytechnic, Satara receiving Best Industry Sponsored Award in DIPEX 2020



Student of Second Year Mechanical Engineering Mr. Prafulla More Secured Third Prize in Chess Competition at Daulatrao Aher College of Engineering Karad.



TEACHERS DAY, WELCOME FUNCTION (05TH September 2020)

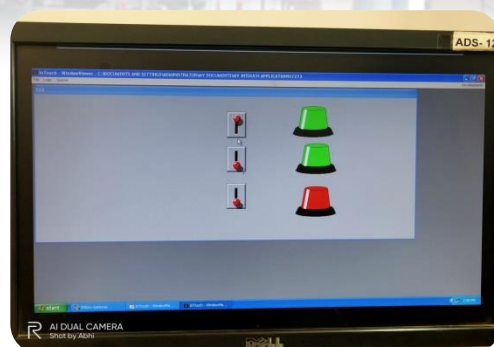
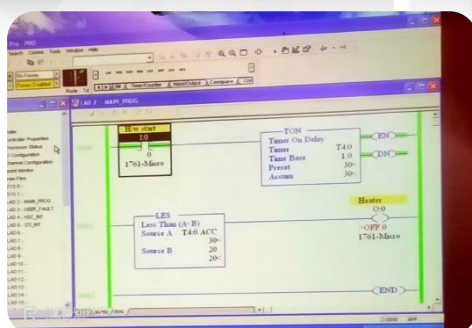
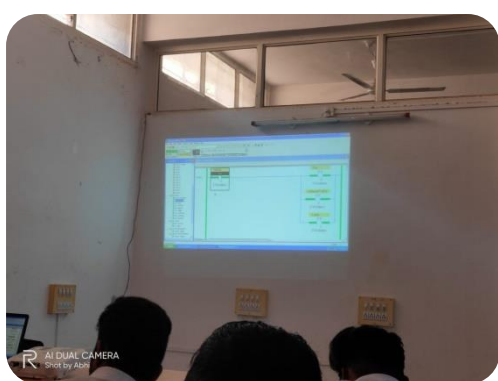
In India the role of the teacher (Guru) is a highly revered one which has percolated into the very fabric of our culture. There is a dedicated festival called '**Guru Purnima**' which celebrates the unique bond between students and their teachers. **Teacher's day** is the special day for Appreciation of Teachers and may include celebration to honor them for their special contributions in the particular field area or community in general. In India the birthday of Dr. Sarvepalli Radhakrishnan (05 September) is celebrated as Teachers Day in India Since 1962.

The Teacher's Day celebration started with the Teaching Competition. In the session students from second and third year Mechanical Engineering participated in Teaching Competition. The afternoon session started with a formal program of celebration of Teacher's Day. Prof. N.B. Devi (HOD Mechanical Engineering Department) and Prof S.G. Sherkar Shared their Valuable thoughts and addressed the students. All the faculties were Felicitated and Honored by DMESA students. Continuing with the proud tradition of the college, senior students and newcomers direct second year students of the college mingled with each other at the **Welcome Function** in the college campus. It was a fun filled event at which the fresher's got an opportunity not only to showcase their talents and but also to interact with the seniors. The program kick-started with Games like one minute show, etc



Three Day Workshop on “PLC Programming and SCADA”

The Three Days Hands-On Workshop was arranged by Department of Mechanical Engineering in association with Prolific systems and Technologies Pvt. Ltd. Pune From 06/02/2020 to 08/02/2020. Our students completed different automation projects during the Workshop. The objective of this course is to equip learners with the skill to develop various PLC and SCADA programs.



NEWS FLASH



Student of Third Year Mechanical Engineering Mr. Ajinkya Balasaheb Yelme has completed Certified Lean Six Sigma Green Belt under (RPA Starter Training).

POLYQUEST 2K-20



The State Level Technical Competition was organized by Karmaveer Bhaurao Patil Polytechnic, Satara on 17th February, 2020. The Department of Mechanical Engineering conducted State level Technical Paper Presentation and Technical Quiz Competition. The session started with inaugural of PolyQuest 2K20 at the hands of Chief Guest Principal Dr. A. C. Attar, Principal, Karmaveer Bhaurao Patil College of Engineering, Satara and Principal Mr. K. S. Sheikh.



TOPPERS OF MSBTE WINTER EXAM 2019-20



Rayat Shikshan Santha's
Karmaveer Bhaurao Patil Polytechnic, Satara.
Department of Mechanical Engineering

TOPPERS OF MSBTE WINTER EXAM 2019-20

HEARTLY CONGRATULATIONS



				
Mulla Owais Kasam 94.57 % TYME	Karanjkar Sarvesh Nitin 90.85 % TYME	Jadhav Kunal Sandip 90.66 % TYME	Yelme Ajinkya Balasaheb 90.28 % TYME	Katkar Ayush Sagar. 89.68 % SYME
				
Kulkarni Vrunda Vinayak 87.42 % TYME	Dange Chandana Abaji 85.80 % TYME	Babar Pranav Viraj 85.71 % TYME	Jagtap Avinash Vijay 83.68 % SYME	Mane Dakshata Dattatray 81.61 % TYME
				
Pathakji Rushi Anand 81.04 % TYME	Kasture Pratiksha Prakash 81.04 % TYME	Gite Prathamesh Ajay 80.95 % TYME	Thorat Yashraj Avinash 80.09 % TYME	

PLACEMENT RECORD- 2019-20



Rayat Shikshan Sanstha's

Karmaveer Bhaurao Patil Polytechnic, Satara

PLACEMENT RECORD 2019-20

Sr. No	Name of Company	Name of Students Selected	Course
1.	Shree Tools, MIDC, Satara	1.Mr. Gajanan Bhise 2. Mr.Sanket Sawant	Mechanical Engineering
2.	KSB Ltd (KSSB Pumps), Pune	1.Yelme Ajinkya Balasaheb 2. Babar Pranav Viraj	Mechanical Engineering
3.	Piaggio Vehicles Ltd, Baramati	1.Bhosale Prasad 2.Kadam Ganesh 3.Mane Dakshata 4.Jadhav Payal	Mechanical Engineering
4.	Precision Seals Manufacturing Ltd(Subsidiary of Bosch)	1.Bhosale Prasad 2.Vidhate Vaibhav 3.Kadam Ganesh	Mechanical Engineering
5.	Lucas TVS Ltd	1. Kasture Pratiksha 2.Jadhav Payal	Mechanical Engineering
6.	Bharat Forge Ltd	1.Bhosale Prasad 2.Vidhate Vaibhav 3.Kadam Ganesh	Mechanical Engineering
7	Lucas TVS	1.Jadhav Payal	Mechanical Engineering

**Head
Training & Placement**

**I/c Principal
K.B.P.Polytechnic, Satara**

ACADEMIC CALENDER- 2019-20 (EVEN SEMESTER)

Even Semester (SECOND/FOURTH/SIXTH) Planner 2019-20 First Semester: 09 December 2019 to 27 March 2020

December-19							
MON	TUE	WED	THU	FRI	SAT	SUN	
30	31					1	
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24	25	26	27	28	29	17
							09/12/2019 Start of Lecture & Practical (FY/SY/TY)
							2 nd Week Industrial Visit
							3 rd Week Guest Lecture
							31/12/2019 Review of Academic Progress by HOD

January-20							
MON	TUE	WED	THU	FRI	SAT	SUN	
		1	2	3	4	5	
6	7	8	9	10	11	12	
13	14	15	16	17	18	19	
20	21	22	23	24	25	26	
27	28	29	30	31			27
							01/01/2020 1st Defaulter Report (December)
							2 nd Week ALUMNI Meet
							2 nd Week DESA Activity
							3 rd Week Industry Expert Lecture
							4 th Week DESA Activity
							31/01/2020 Review of Academic Progress by HOD

February-20							
MON	TUE	WED	THU	FRI	SAT	SUN	
					1	2	
3	4	5	6	7	8	9	
10	11	12	13	14	15	16	
17	18	19	20	21	22	23	
24	25	26	27	28	29		20
							01/02/2020 2nd Defaulter Report (December to January)
							05/02/2020 Unit Test 1(First, Second & Third Year)
							07/02/2020 Declaration of result Unit test 1 (FY, SY& TY)
							10/02/2020
							4 th Week Feb 2020 PolyQuest 2K20
							3 rd & 4 th Week Remedial Lectures for weaker students
							29/02/2020 Review of Academic Progress by HOD

March-20							
MON	TUE	WED	THU	FRI	SAT	SUN	
30	31					1	
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24	25	26	27	28	29	19
							01/03/2020 3rd Defaulter Report (December to February)
							25/03/2020 Unit Test 2(First, Second & Third Year)
							27/03/2020
							28/03/2020 Review of Academic Progress by HOD
							30/03/2020 Declaration of result Unit test 2 (FY, SY& TY)
							31/03/2020 MSBTE Practical Examination
							09/04/2020

April-20							
MON	TUE	WED	THU	FRI	SAT	SUN	
		1	2	3	4	5	
6	7	8	9	10	11	12	
13	14	15	16	17	18	19	
20	21	22	23	24	25	26	
27	28	29	30				
							16/04/2020 MSBTE Theory Examination
							07/05/2020





May-20							
MON	TUE	WED	THU	FRI	SAT	SUN	
				1	2	3	
4	5	6	7	8	9	10	
11	12	13	14	15	16	17	
18	19	20	21	22	23	24	
25	26	27	28	29	30	31	

Start of New Academic Year 17 June 2020

We welcome your valuable suggestions and advices for further improvement of “**Mechanical Engineering Newsletter**”

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