



Shri Shamrao Patil (Yadravkar) Educational & Charitable Trust's

SHARAD INSTITUTE OF TECHNOLOGY POLYTECHNIC

Yadrav-Ichalkaranji. (0968/1589)

NEWSLETTER 2020-21



DEPARTMENT OF MECHANICAL ENGINEERING

Program Accredited by NBA, New Delhi



Mr. Anil A. Bagane

Hon. Executive Director's Message

I am delighted that the Department of Mechanical Engineering at Sharad Institute of Technology, Polytechnic has published its yearly departmental newsletter. It will undoubtedly aid in the promotion of departmental activities such as technical events, webinars, faculty development programmes, industrial trainings, and so on. It also helps with the development of teamwork, which is critical in today's competitive environment. It serves as a showcase for the faculty's and students' accomplishments in the field of education. I hope this culture of publishing



Mr. B. S. Tashildar

Principal's Message

I am extremely happy to know that the faculties and students of the Department of Mechanical Engineering at Sharad Institute of Technology are publishing their departmental newsletter 2020-21. This will benefit all the students as they can now aspire to greater heights by knowing the activities and achievements of their department. Both students and faculty showed great enthusiasm and contributed significantly to various technical activities despite the pandemic situation by adopting the online platform. The editorial team has launched something that will continue to help and guide participants and incoming students of the Department. I extend hearty congratulations to the contributors of this newsletter.

Head of Department 1st Shift

Mr. S. S. Mali
(HOD 1st Shift)

I take this opportunity to welcome you to the department of Mechanical Engineering which is currently one of the largest departments of Sharad Institute of technology polytechnic. I appreciate the efforts put forth by the faculties and students to bring out this newsletter which gives a scenario of all the activities carried out by the department during this academic year 2020-21. Department of Mechanical engineering is working very hard towards the goal of providing innovative and quality education with high standard to achieve academic excellence in field of mechanical engineering. The prime motive of our Department is to provide quality education to our students. The process of learning is extremely important in life. What you learn, how you learn and where you learn play a crucial role in developing ones intellectual capability, besides career. The department has an excellent infrastructure, teaching faculty ensuring quality education. Students are encouraged to complete industrial training to understand professional ethics. Times to time students are guided by faculty through mentoring system to achieve academic and personal excellence.





Mr. N. S. Patil
(HOD 2nd SHIFT)

Head of Department 2nd Shift

It gives me great pleasure to pass on the message on the occasion of release of Mechanical Department newsletter for academic year 2020-21. With the pandemic situation all over the country, it has brought many challenges to all in each and every sector. Department of mechanical engineering at Sharad Institute of technology Polytechnic has been working very hard in this tough time to help the students for acquiring knowledge and skills in bits and pieces from whatever sources possible and seize an opportunity to use them. We insist our students not to dissipate their energy in the regrets for the past or for the future but to concentrate on the present and try to give out maximum efforts with positive approach towards life to achieve bright career in their future. This newsletter gives a brief overview and simultaneously expresses the efforts taken by the faculties and the students. I wish all the best and assure to bring more such newsletter exploring new ideas and innovations.



DEPARTMENT OF MECHANICAL ENGINEERING

INSTITUTE VISION

To be a center of excellence in technical education by using cutting edge technology that produces competent engineers of today and tomorrow to serve the society.

INSTITUTE MISSION

- To impart quality education by implementing state-of- the-art teaching-learning methods to enrich the academic competency, credibility and integrity of the students.
- To facilitate a conducive ambience and infrastructure to develop professional skills and nurture innovation in students.
- To inculcate sensitivity towards society, respect for environment and promote high standards of ethics.

QUALITY POLICY

We at Sharad Institute of Technology, Polytechnic strive to achieve stakeholder satisfaction by providing quality education and training in science, engineering and technology in a pleasant and disciplined environment through.

- Involvement at all levels.
- Up gradation of facilities and human resources.
- Commitment to continual improvement.

DEPARTMENT OF MECHANICAL ENGINEERING

PROGRAMME VISION

Imparting quality education, looking after overall development of students and conducting need based activities for successful career in Mechanical Engineering.

PROGRAMME MISSION

1. Develop the students for professionalism.
2. Prepare the students to take up career in different fields.
3. Imbibe moral and ethical values in students.

PROGRAMME EDUCATIONAL OBJECTIVES

1. Pursue successful career with strong domain knowledge.
2. Continue professional development through self learning and higher education
3. Seek lifelong learning through moral & ethical values.

DEPARTMENT OF MECHANICAL ENGINEERING

NEWSLETTER CONTENTS

- **ACADEMIC RESULTS**
- **WORKSHOPS**
- **GUEST LECTURES**
- **FACULTY DEVELOPMENT PROGRAM**
- **STUDENT & FACULTY PAPER PUBLICATION**
- **LABORATORIES**
- **STUDENTS CAMPUS PLACEMENTS**
- **MESA ACTIVITIES**
- **FACULTY LIST**
- **EDITOR'S DESK**

DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC RESULTS: LIST OF TOPPERS

SY MECHANICAL ENGINEERING

Sr No.	Name of Student	% Obtained
1	GHOKHALE GAURAV ROBIN	94.63
2	ARAGE KARTIK NANDKUMAR	92.63
3	SATHE ABHIRAV ARUN	91.75
4	JOSHI ATHARV RAHUL	91.5
5	YERUDKAR ANKITA JOTIBA	90.75
6	PATIL SHREYASH SURESH	83.37
7	SUTAR JAYESH DEEPAK	81.37
8	PATIL VAIBHAV UDAY	80.87
9	THOMAKE ROHAN MAHESH	79.5
10	PRASAD SANI SATYENDRA	79.25

TY MECHANICAL ENGINEERING

Sr No.	Name of Student	% Obtained
1	CHOUGULE OMKAR SURESH	94.00
2	SHREYASH PATIL	91.69
3	FUNDE ABHISHEK MANOHAR	89.57
4	ABITKAR VIDENDRA S	88.10
5	KINEKAR SANKET B	86.98
6	MULLA SHOAB I	86.03
7	JOSHI SHARVESH MILIND	84.90
8	SHEDBALE PRITI MURGYAPPA	83.36
9	SHAH KARAN AMIT	81.40
10	PATIL SAMMED SANTOSH	75.81

DEPARTMENT OF MECHANICAL ENGINEERING

WORKSHOPS CONDUCTED:

Sr.No.	Title	Class	Duration
1.	Arduino	SY & TY	26-12-20 to 28-12-20
2.	How to ace career in Mechanical Engineering	SY & TY	17-06-21 to 19-06-21

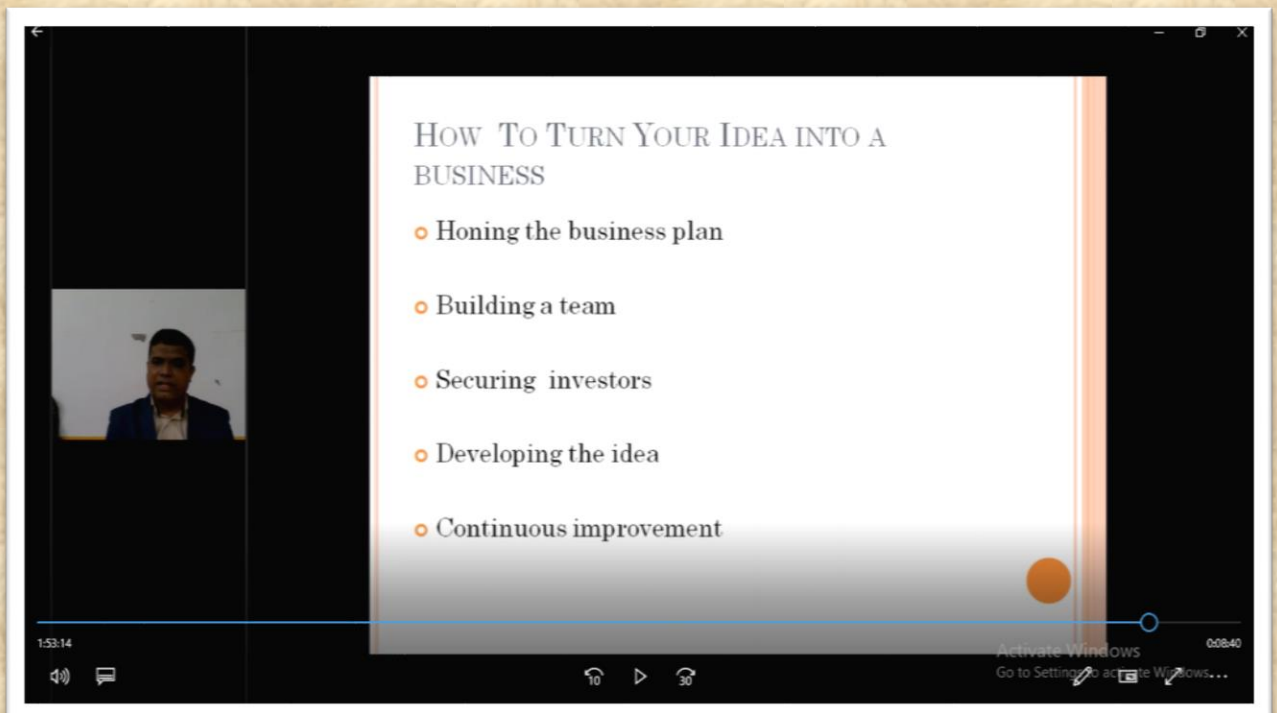
GUEST LECTURES CONDUCTED:

Sr.No.	Title	Class	Duration
1.	Energy conservation & Energy Audit.	TY	23-07-2020
2.	Motivstion & Awareness about Entrepreneurship.	SY & TY	21-10-2020
3.	My Journey from Diploma to Entrepreneur.	SY & TY	29-01-2021
4.	Applications of Autodesk	TY	28-04-2021
5.	Introduction to Fusion 360	TY	01-05-2021
6.	Energy Conservation & Audit.	TY	18-05-2021
7.	Programmable Logic Controller.	SY	10-06-2021
8.	Entrepreneurship as a career option	SY & TY	12-06-2021

DEPARTMENT OF MECHANICAL ENGINEERING

FEW GLIMPSES OF GUEST LECTURES:

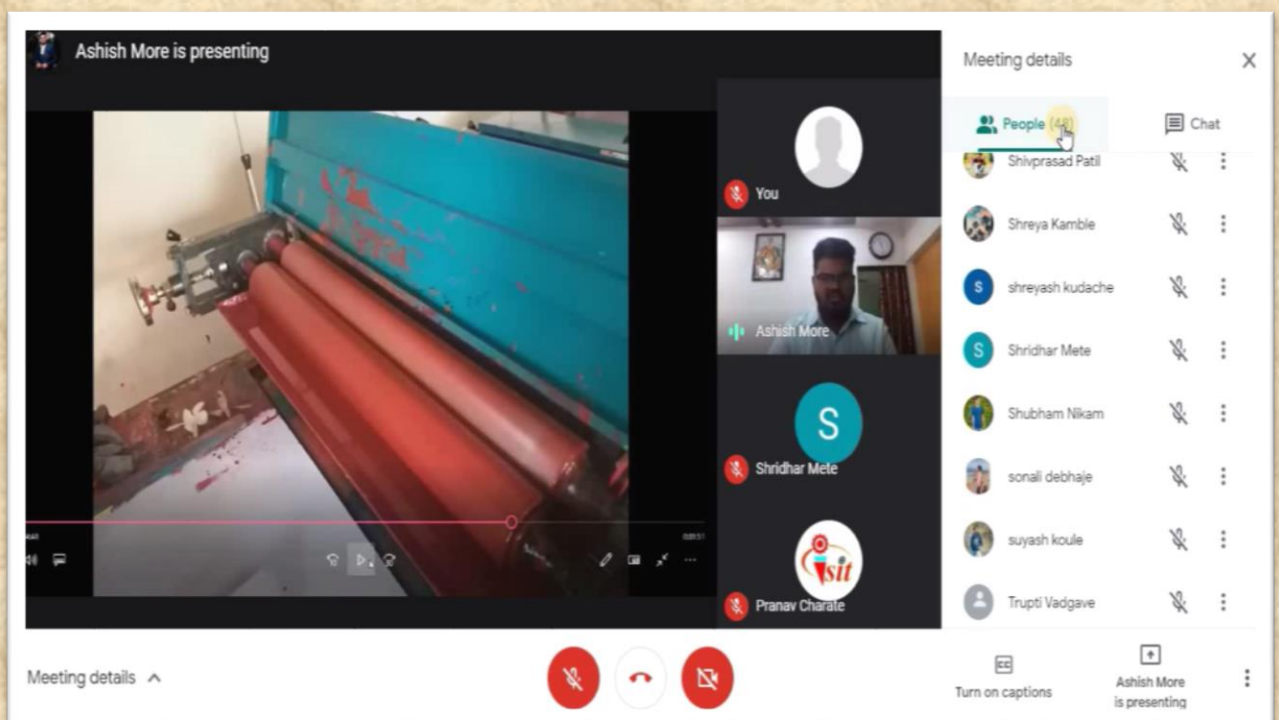
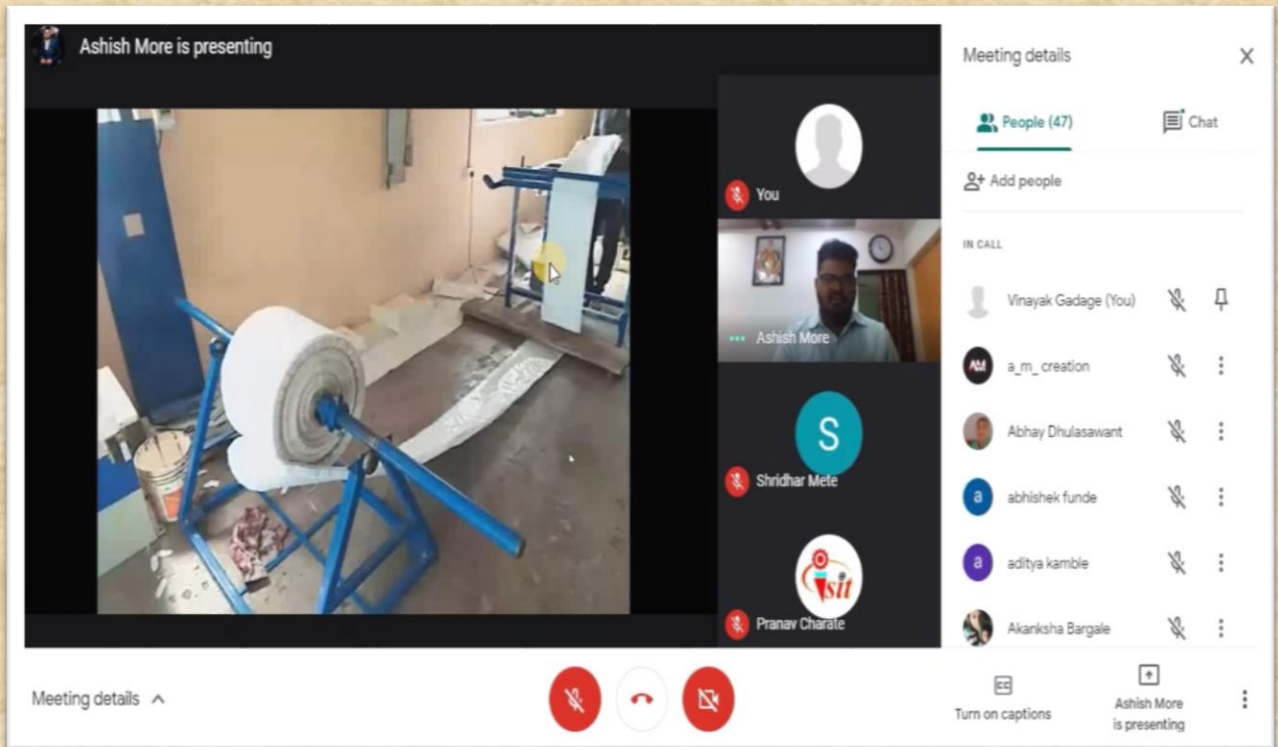
Topic: "Motivation & Awareness about Entrepreneurship conducted on 21/10/2020"



Name of Guest: Mr. Ravindra Khaire, Founder of Career Expert Education Foundation, Attitude Training and Consultancy.

DEPARTMENT OF MECHANICAL ENGINEERING

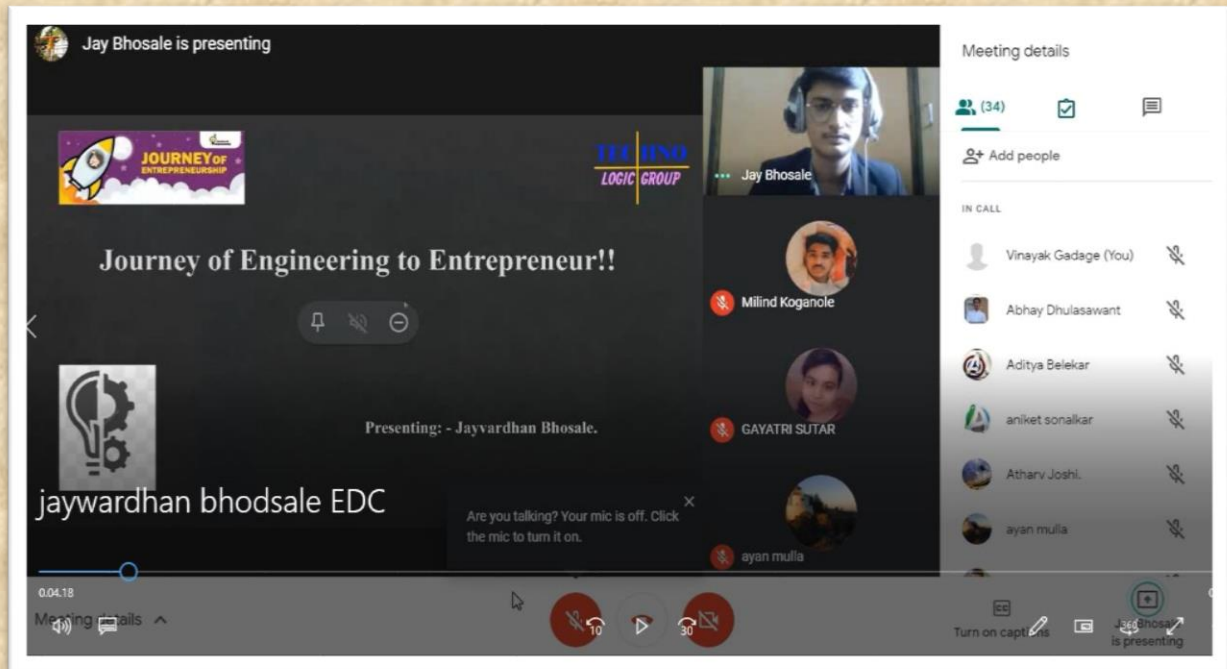
Topic: “My journey from diploma to an entrepreneur conducted on 29/01/2021”



Name of Guest: Mr. Ashish Kumar More (BE Mechanical), Founder of Jaykumar packaging, Jaysingpur.

DEPARTMENT OF MECHANICAL ENGINEERING

Topic: “Entrepreneurship as a career option conducted on 12/06/2021”



Name of Guest: Mr. Jaywardhan Bhosale Owner of Techno logic group, Ichalakarnji.

DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY DEVELOPMENT PROGRAM

Sr. No.	Faculty Name	Organized By	FDP/Workshop/Training Topic
1	S.S.MALI.	SITCOE, Yadrav	Recent Advances in Modeling & Optimization Techniques
		SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
		College of Engineering & Technology, Bambhori, Jalgaon	Renewable Energy: Application & Entrepreneurship
		Deogiri Institute of Engineering & Management Studies, Aurangabad	Trends & Practices in Refrigeration & Air Conditioning
		AICTE	Inculcating Universal Human Values in Technical Education
2	M. A. PATIL.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
3	N.S.PATIL.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		ATAL Academy	Robotics
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
4	A.B.PATIL.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
5	W.I. SHAIKH	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
6	A.K.MAGDUM.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
7	B.J. JUGALE.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation

DEPARTMENT OF MECHANICAL ENGINEERING

Sr. No.	Faculty Name	Organized By	FDP/Workshop/Training Topic
8	S.N. BODAKE.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
9	B.A.MADGUM.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
		ATAL Academy	Robotics
10	P.P.MANGAVE.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
		ATAL Academy	Advancement in 3D printing & its future scope
		Indian Institute of Technology Indore	Advanced Diagnostics in Flow & Combustion
11	A.S.KEKARE	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
12	Ms.A.K.BURSE.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		College of Engineering & Technology, Bambhori, Jalgaon	Renewable Energy: Application & Entrepreneurship
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
13	S.S. KOTHALE.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
14	K.J.AWATI	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
		ATAL Academy	Advances in Manufacturing
15	A.M.PANDHARE.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
16	A.B.KHOT	SIT Polytechnic, Yadrav	Academic Writing & IPR
		Vignan's Institute of Engineering for Women.	Artificial Intelligence
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation

DEPARTMENT OF MECHANICAL ENGINEERING

Sr. No.	Faculty Name	Organized By	FDP/Workshop/Training Topic
17	Ms.K.S.LATTHE.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		Vignan's Institute of Engineering for Women.	Artificial Intelligence
		College of Engineering & Technology, Bambhori, Jalgaon	Renewable Energy: Application & Entrepreneurship
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
18	Ms.R.R.KADAM.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
19	P.J.PATIL.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
20	A.D.PATIL.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
21	V.C. GADAGE.	SIT Engineering, Yadrav	Recent Advances in Modeling & Optimization Techniques
		SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
22	B.B.PATIL.	SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation
23	Ms.R. R. KAPASE	SIT Engineering, Yadrav	Recent Advances in Modeling & Optimization Techniques
		SIT Polytechnic, Yadrav	Academic Writing & IPR
		SIT Polytechnic, Yadrav	Mechatronics & Industrial Automation

DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT PAPER PUBLICATIONS

SR. NO.	NAME OF AUTHOR	TITLE/TOPIC	NAME OF THE JOURNAL
1	N.S.PATIL	A REVIEW OF FUSED DEPOSITION MODELLING TYPE 3D PRINTER FOR DIGITAL DENTISTRY	IJSRD JOURNAL
2	N.S.PATIL	VIBRATION SIGNATURE ANALYSIS OF SPHERICAL ROLLER BEARING USING CAE SOFTWARE	IJSRD JOURNAL
3	N.S.PATIL	A REVIEW OF DESIGN AND FABRICATION OF WHEELCHAIR CUM BED	IJSRD JOURNAL
4	A.B.KHOT	APPLICATION OF HYBRID SOLAR AND WIND POWER FOR COMMON INDIAN HOUSEHOLD	MAT JOURNALS - JOURNAL OF MECHATRONICS MACHINE DESIGN & MANUFACTURING
5	K.J.AWATI	AUTOMATIC T-SHIRT FOLDING MACHINE	IRJET JOURNAL
6	A.K.MAGDUM	DESIGN AND DEVELOPMENT OF SUGARCANE BUD AND COCONUT DESHELLING MACHINE	IRJET JOURNAL
7	MISS. R. R.KAPSE	AUTOMATIC STAND SLIDER FOR TWO WHEELERS	IJSREM JOURNAL
8	P.P.MANGAVE.	MECHANICAL BEHAVIOUR OF CARBON REINFORCED PLA (CFRP) MANUFACTURED USING FUSED DEPOSITION MODELLING TECHNIQUE	MAT JOURNAL
9	A. M. PANDHARE	DESIGN AND DEVELOPMENT OF BHEL MAKER AND VENDOR MACHINE	IRJET JOURNAL
10	B.B.PATIL.	DESIGN & DEVELOPMENT OF PUMP CASING MACHINING FIXTURE USING HYDRAULICS : A REVIEW	MAT JOURNALS - JOURNAL OF MECHATRONICS MACHINE DESIGN & MANUFACTURING

DEPARTMENT OF MECHANICAL ENGINEERING**FACULTY PAPER PUBLICATIONS**

SR. NO.	NAME OF AUTHOR	TITLE/TOPIC	NAME OF THE JOURNAL
1	N.S.PATIL	A REVIEW OF FUSED DEPOSITION MODELLING TYPE 3D PRINTER FOR DIGITAL DENTISTRY	IJSRD JOURNAL
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DEPARTMENT OF MECHANICAL ENGINEERING

LABORATORIES



Mechanical Engineering Measurement LAB



Metrology and Quality Control LAB



Power Engineering & Refrigeration LAB



Mechanical Engineering Material LAB



Automobile Engineering LAB



Computer Aided Drafting LAB

DEPARTMENT OF MECHANICAL ENGINEERING

LABORATORIES

A well equipped CNC Lab with production center has been established in order to bridge the gap between academics and industry. With actual Jobs from local industries students are imbued with the knowledge about production industry.



CNC LAB

DEPARTMENT OF MECHANICAL ENGINEERING

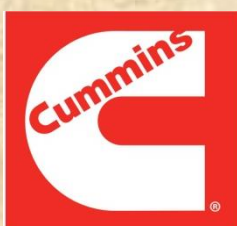
STUDENTS CAMPUS PLACEMENT

SR. NO.	NAME OF STUDENT	NAME OF EMPLOYER
1	Divya Hambirrao Pawar	GE India Pune
		Phillips Ltd
2	Meghraj Damaji Dandge	GE India Pune
3	Akshay Dipak Madwne	GE India Pune
4	Arbaaz Afsar Dadhiwale	Nexteer Automotive Pvt Ltd
5	Vashisht Bharatlal Shukla	Nexteer Automotive Pvt Ltd
6	Tejas Rajendra Jadhav	Nexteer Automotive Pvt Ltd
7	Rohit Jaywant Kalkute	Nexteer Automotive Pvt Ltd
8	Shriraj Pramod Kine	Nexteer Automotive Pvt Ltd
9	Vrushabh Ramesh Patil	Nexteer Automotive Pvt Ltd
10	Tatyasaheb Madhukar Magdum	Nexteer Automotive Pvt Ltd
11	Ajay Rajesh Sane	Nexteer Automotive Pvt Ltd
12	Akshay Dipak Madane	Nexteer Automotive Pvt Ltd
13	Somesh malgonda patil	Nexteer Automotive Pvt Ltd
14	Pranav Malgonda Patil	Nexteer Automotive Pvt Ltd
15	Siddhant Adagonda Patil	Nexteer Automotive Pvt Ltd
16	Harshad Shivaji Barwade	Nexteer Automotive Pvt Ltd
17	Vaibhav shamji Patel	Nexteer Automotive Pvt Ltd
18	Nazim Rafik Pathan	Nexteer Automotive Pvt Ltd
19	Om Sunil Shinde	Nexteer Automotive Pvt Ltd
20	Sanket Balkrishna Kinekar	Infosys Ltd

DEPARTMENT OF MECHANICAL ENGINEERING

STUDENTS CAMPUS PLACEMENT

SR. NO.	NAME OF STUDENT	NAME OF EMPLOYER
21	Mahesh kolekar	Infosys Ltd
22	Shubham Shivchandra Shedbale	Cummins India Pune
23	Akash Balaso Naik	Cummins India Pune
24	Huzefa Liyakant Nadaf	Cummins India Pune
25	Rohan Sunil Chougule	Cummins India Pune
26	Ritesh Rajendra Tupe	Cummins India Pune
27	Sammed sanjay Patil	Cummins India Pune
28	Mahesh Dashrath Birasdar	Cummins India Pune
29	Ashish Babaso Mangave	Phillips Ltd
30	Harshard Atul Kulkarani	Phillips Ltd
31	Pratiksha Malgonda Patil	Suzler India Pvt Ltd
32	Airwati Pradhan Umarani	Suzler India Pvt Ltd
33	Akshay Matale	Writgen India Pvt Ltd
34	Umesh kakaso Tone	TATA Motors Ltd



DEPARTMENT OF MECHANICAL ENGINEERING

MESA ACTIVITIES

ORNATE 2K20



Shri shamrao patil (yadravkar) educational and charitable trust

**SHARAD INSTITUTE OF TECHNOLOGY,
POLYTECHNIC, YADRAV (ICHALKARANJI)**

All programs are NBA accredited

ORNATE 2K20

28 Nov 2020

Online Paper Presentation Competition

Paper Presentation

1. COVID-19: Priorities for Mechanical Engineering
2. Green Engine
3. Nano Robotics
4. Special Materials for High Temperature Applications
5. Solar Air conditioning

Prizes : First - Rs 3000
: Second- Rs 2000
: Third- Rs 1000

E-certificate to all the participants

Entry- This competition is open to all students(School, College, Diploma, Degree and any Graduate students not above the age of 25 Years)

Registration Link : <https://forms.gle/WgwVNxYdm4hr6dtX8>
Registration Fee : 20 /- Per Participant
Email : sitpmech@gmail.com
PhonePe : 7588697691

Co-ordinator : R. R. Kadam (7588697691), S. N. Bodake (7276387232)

Note - 1. Send copies of your Poster and Presentation video to above email address.
2. Guidelines for the submission will be communicated through Whatsapp group only

Mr. N. S. Patil Head (Shift Program) Mechanical	Mr. S. S. Mali Head Mechanical	Mr. B. S. Tashildar Principal SITP	Hon. shri. A. A Bagane Executive Director SITP
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santosh.bodake

DEPARTMENT OF MECHANICAL ENGINEERING

Few Glimpses from the EVENT ORNATE 2K20



Inauguration of Paper Presentation by Honorable Principal Mr. B. S. Tashildar




ORNATE 2K20 PEER TEAM

DEPARTMENT OF MECHANICAL ENGINEERING

GREEN ENGINE

ORNATE-2K20

PRESENTED BY : KOTWAL MEHUL MANOJ.
COLLEGE : SHRI HHJB POLYTECHNIC, CHANDWAD, NASHIK.
DEPARTMENT OF MECHANICAL ENGINEERING.




Activate Windows
Go to Settings to activate Windows

Presentation by Student on topic Green Engine from HHJB Polytechnic, Nashik.

Applications

- Aerospace Industry
- Automotive Industry
- Air and Ground Vehicles



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Go to Settings to activate Windows

Presentation by Student on topic Applications of High Temperature Materials from DKTE, Ichalkaranji.

DEPARTMENT OF MECHANICAL ENGINEERING



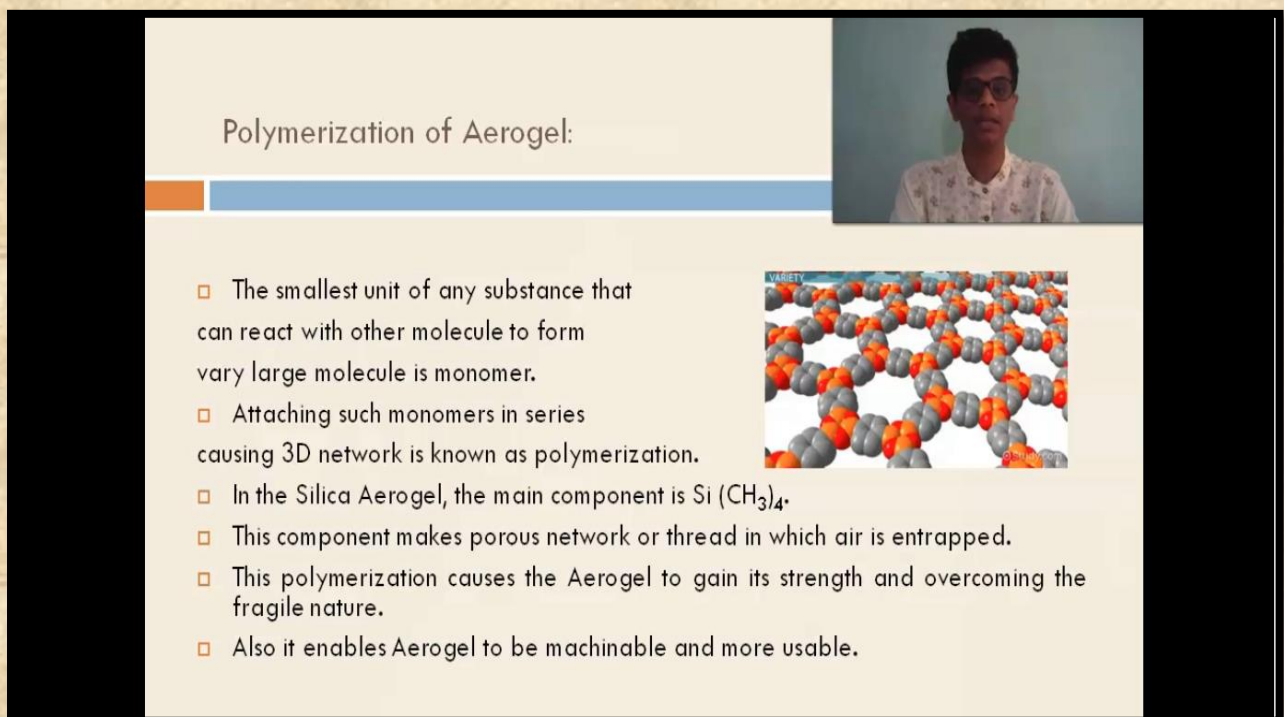
Presentation on Solar air conditioning

PRESENTED BY : **ABHISHEK FUNDE**
TY B MECH SIT
POLYTECHNIC



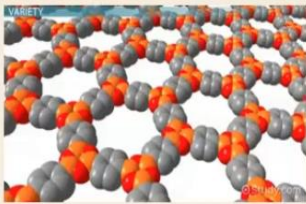
Activate Windows
Go to Settings to activate Windows.

Presentation by Student on topic Solar Air-Conditioning from SIT, Polytechnic



Polymerization of Aerogel:

- The smallest unit of any substance that can react with other molecule to form vary large molecule is monomer.
- Attaching such monomers in series causing 3D network is known as polymerization.
- In the Silica Aerogel, the main component is $\text{Si}(\text{CH}_3)_4$.
- This component makes porous network or thread in which air is entrapped.
- This polymerization causes the Aerogel to gain its strength and overcoming the fragile nature.
- Also it enables Aerogel to be machinable and more usable.



Presentation by Student on topic Special Materials for High Temperature applications from GP, Aurangabad.

DEPARTMENT OF MECHANICAL ENGINEERING

WORKSHOP ON CAREER GUIDANCE

DAY 1, SESSION 1 : Scope and Future of Industrial Engineering in Data Science Sector.


How to ace career in Mechanical Engineering Day1,Session1

YOUTUBE LINK:

<https://www.youtube.com/watch?v=xM5VwBD5BoE&t=563s>

DEPARTMENT OF MECHANICAL ENGINEERING

DAY 1, SESSION 2 : Career Opportunities for Mechanical Engineer through MBA.



The image is a screenshot of a YouTube video player. The video is titled "How to ace career in Mechanical Engineering Day1,Session2". The main content is a presentation slide with the following text: "Career opportunities for Mechanical Engineer through MBA". Below the title, it says "PRESENTED BY, RUSHIKESH DARURE, M.M.S. (FINANCE), B.E. (MECHANICAL)". The slide also features an illustration of a mechanical engineer and a businessman. The video player interface includes a search bar, a list of participants (Atharv Rahul Joshi, Rushikesh, Pratikmesh Salunke, Karnam), and a video progress bar showing 0:19 / 1:29:57.

YOUTUBE LINK:

<https://www.youtube.com/watch?v=E-OQQ8Ext34&t=175s>

DEPARTMENT OF MECHANICAL ENGINEERING

DAY 2, SESSION 1 : Role & Opportunities for Mechanical Engineer in IT Sector.



The image is a screenshot of a YouTube video player. At the top, the YouTube logo and a search bar are visible. The video content shows a webinar interface. On the left, there are three video thumbnails: one labeled 'Mechanical', one for 'Rohan Magdum', and one for 'Ms. Ankita Yerudkar'. The main video area displays a presentation slide with a blue background. The slide features a circular portrait of Mr. Rohan Magdum, a B.E. (Mechanical Engineering-SIT Alumni) currently working in Tata Consultancy Services. The topic is 'Role & opportunities of Mechanical Engineer in IT sector', and the time is '10:00 am onwards' on '06/06/2021'. The slide also includes logos for 'TeamYard' and 'SIT'. The video player controls at the bottom show a play button, a progress bar at 0:11 / 1:06:16, and various settings icons.

How to ace career in Mechanical Engineering Day2,Session1

YOUTUBE LINK:

<https://www.youtube.com/watch?v=7sy1CT-9R78&t=11s>

DEPARTMENT OF MECHANICAL ENGINEERING

DAY 2, SESSION 2 : How to be successful Entrepreneur in Mechanical Engineering.



YOUTUBE LINK:

<https://www.youtube.com/watch?v=fWqOJGqu8dI&t=315s>

DEPARTMENT OF MECHANICAL ENGINEERING

DAY 3, SESSION 1 : Scope of Mechanical Engineer in Govt. and Administrative Sector.

How to ace career in Mechanical Engineering Day3,Session1

YOUTUBE LINK:

<https://www.youtube.com/watch?v=6gxZxqftuJY&t=6s>

DEPARTMENT OF MECHANICAL ENGINEERING

DAY 3, SESSION 2 : International Platform & Opportunities for Mechatronics Engineering.

The image shows a YouTube video player interface. At the top, there is a search bar and the YouTube logo. The video content is a presentation slide with the title "International Platform & Opportunities for Mechatronics Engineering" in a red-bordered box. Below the title, the name "Koustubh Shirke" is displayed in orange, followed by "MS (Mechatronics)" and "BE (Mechanical Eng.)" in orange. The slide also features a "StreamYard" logo in the top right corner. The video player controls at the bottom show a play button, a progress bar at 0:01 / 1:29:42, and various settings icons. The video title "How to ace career in Mechanical Engineering Day3, Session2" is visible below the player.

YOUTUBE LINK:

<https://www.youtube.com/watch?v=K0wHbHQjYYI&t=303s>

DEPARTMENT OF MECHANICAL ENGINEERING**PROJECT COMPETITION 2020-21**

GROUP NO.	ROLL NO	NAME	TITLE
1	23124	PRASAD AMAN TILAKDHARIJI	Automatic stand slider
	23150	GHORPADE SAURABH SANJAY	
	23151	KOKATE JAY RAJESH	
	23148	BARAWADE HARSHAD SHIVAJI	
2	23113	MAKANDAR AJEEM ANISKHAN	Design & assembly of fixture
	23109	SANE AJAY RAJESH	
	23119	SIDDHANT VINAY MAGDUM	
	23114	RUKADE ABHISHEK ANILKUMAR	
3	23125	PATEL VAIBHAV SHAMJI	Automation of double axis welding machine
	23140	BANNE AKSHAY ANIL	
	23145	SHIRDHONE ASIF ASLAM	
	23142	HARAGE PRATIK RAJENDRA	
4	23156	SAKHALKAR OMKAR RAJARAM	Auto room sanitizer robo with thermal uv rays
	23101	PATIL RAJVARDHAN SAMPAT	
	23103	REDEKAR SARGAM SANJAY	
	23105	KATE MAHESH GANESH	
5	23107	TONE USMESH KAKASO	Design & fabrication of wheelchair cum bed
	23108	DANOLE ABHINANDAN RAMESH	
	23115	PATIL PARAS UJJWALKUMAR	
	23117	PATIL SHREYAS MAHAVIR	
6	23163	PATIL SOMESH MALAGONDA	Advancement & modification of power hacksaw
	23157	GURAV JEEVAN RAJU	
	23164	MAGDUM SANTOSH SHRENIK	
	23160	BHARMAL OMKAR MUKUND	
7	23121	KHOT ABHISHEK ANIL	Automatic coil winding machine
	23120	NIRWANE DADASO MOHAN	
	23116	GATARE AVISHKAR ASHOK	
	23102	KORBU RUSHIKESH DILIP	

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GROUP NO.	ROLL NO	NAME	TITLE
8	23130	SUTAR AVADHUT MOHAN	Automatic simple mechanical robot feeding for welding
	23132	PATIL VRUSHABH SHITAL	
	23127	PATIL SIDDHANT ADAGONDA	
	23106	PATIL PRANAV SUBHASH	
9	23171	GHODOKE NANDKUMAR CHATUR	Design & manufacturing of Ball valve
	23173	KHOT SANTOSH SANJAY	
	23170	FARAS SAHIL GULAB	
	23161	JADHAV RAJWARDHAN AMAR	
10	23159	RAJMANE RAVICHANDRA BABASO	Development of 3D printer for analysis of Digital dentistry
	23104	KHOT AKASH JOTI	
	23162	KUMBHAR AKASH SANJAY	
	23158	MATALE AKSHAY JYOTIBA	
11	23134	SIDGONDA OMKAR PRAKASH	Single bud cutting machine
	23135	MAGDUM TATYASAHEB MADHUKAR	
	23133	SURYAWANSHI PRANAV VIKAS	
	23131	PATIL RUSHIKESH RAJENDRA	
12	23141	KOLI ASHISH ANIL	Development of an Automatic Food sorting machine based on product weight characteristics with conveyor belt & sensors
	23143	MADANE AKSHAY DIPAK	
	23138	KADAM UMESH SHIVAJI	
	23146	CHOUDHARI MURLI BUDDHRAJ	
13	23168	KASHID PRATHAMESH SANTOSH	Shop security system using gsm
	23166	KOLI HARSHAD RAJARAM	
	23167	JADHAV SHUBHAM SANJAY	
	23176	SHAHA ADITYA SANJAY	
14	23172	PATIL SURAJ ASHOK	Line following Robot
	23174	BIRAJDAR MAHESH DASHRATH	
	23175	KAMBLE ADIRAJ JITENDRA	

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GROUP NO.	ROLL NO	NAME	TITLE
15	23154	KULKARNI HARSHAD ATUL	Vertical axis wind turbine
	23155	KAMBLE ABHISHEK ANIL	
	23165	WADKAR SHREYAS MAHAVEER	
	23169	KHEMALAPURE SHUBHAM SADASHIV	
16	23149	CHOPADE SUDARSHAN SHANTARAM	Design & Development of Automatic wire cutting machine
	23128	RAJPUT RAHULSINGH RAJEEVSINGH	
	23179	PRASAD ANIKETKUMAR ASHOK	
	23153	KAMBLE SANKET SANJAY	
	23180	KHOBARE SHRIDHAN R	
17	23137	KAMBLE ANIKET BAJU	Design & construction of CNC writing machine
	23139	JINDI ANIF HUSSEIN	
	23144	NARADAGE AKASH ASHOK	
	23147	SHIROLE SOHAM VIKAS	
18	23129	SHEDBALE SHUBHAM SHIVCHANDRA	Plywood cutting attachment on sewing machine
	23110	POWAR DHAIRYASHIL JAYSING	
	23152	KOLI SWAPNIL GANPATI	
	23126	BELEKAR ADITYA SANJAY	
19	23112	KALAKUTE ROHIT JAYWANT	Design & Manufacturing of Hydraulic fixture for C-Type connector
	23118	GADKARI SHREYAS SURESH	
	23122	ABHISHEK SURESH KHARAT	
	23123	MANGALEKAR SANKALP DATTATRYA	
20	23136	SHETE VAIBHAV AMOL	Automatic coconut scraping machine
	23111	SHETE SUMIT PRAFULLA	
	23178	SHINDE KIRAN PANDURANG	
	23177	PATIL NANDANADAN BAJIRAO	
21	132208	PATIL VRUSHABH RAMESH	Seperation of oil from water using oleophilie method
	132176	ADSOLE BHUSHAN HEMANT	
	132178	BHATMARE RUTURAJ SACHIN	
	132221	BHOSALE PRANAV	

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GROUP NO.	ROLL NO	NAME	TITLE
22	132111	MOMIN SAMIR NURMAHAMAD	Design & fabrication of Automatic engine valve lapping machine
	132124	SHINDE SANMESH SUNIL	
	132159	SHINDE OM SUNIL	
	132115	CHOUGULE OMKAR SURESH	
23	132120	JOSHI SHARVESH MILIND	Experimental analysis of carbon fibre reinforced
	132129	SHREYASH SATISH PATIL	
	132147	KINEKAR SANKET BALKRISHNA	
	132148	SHAH KARAN AMIT	
24	132105	PATIL SANSKRUTI SATISH	Design & Fabrication Automatic seed sowing machine
	132108	PACHORE ANUJA ASHISHKUMAR	
	132107	PAWAR DIVYA HAMBIRRAO	
	132110	PATIL PRATIKSHA MALGONDA	
	132106	JOLAPURE APURVA ABHAY	
25	132114	FUNDE ABHISHEK MANOHAR	Design & Development of sugarcane bud & coconut dreshelling machine
	132116	ABITKAR VIRENDRA SANJAY	
	132117	JADHAV PRATHAMESH UTTAM	
	132118	MUNDAGNUR AQUIB MEHBOOB	
26	132119	MALI ATHARV ASHOK	Design & construction of drilling jig for drilling operations
	132112	NADAF MUSTAFA RAJMAHMAD	
	132161	DANDGE MEGHRAJ DAMAJI	
	132171	KINE SHRIRAJ PRAMOD	
27	132174	KULKARNI NITISH SAMEER	Mould Box Stripper
	132167	KAVATHEKAR SANKET AJAY	
	132166	VYAS PAVAN GOVINDLAL	
	132168	MURGUNDE KUBER V	Design & manufacturing of safety device for woman safety
28	132101	KANAKE SUSHMA KENCHAPPA	
	132102	SHEDBALE PRITI MURGYAPPA	
	132103	DHUMAL PRADNYA SHANKAR	
	132104	UMARANI AIRAVATI PRADHAN	

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GROUP NO.	ROLL NO	NAME	TITLE
29	132134	CHOUGULE ADITYA YUVRAJ	Bhel maker & vending machine
	132121	PATIL ADITYA ATUL	
	132136	NAIK SHANTANU SANTOSH	
	132125	POWAR SWAPNIL DILIP	
30	132128	MIRAJKAR SHUBHAM P	Automatic currency note sanitization machine
	132151	YADAV SHUBHAM VIVEKANAND	
	132173	NADAF HUJEFA LIYAKAT	
	132165	GHOLAP ADITYA MANOHAR	
31	132155	CHAROLI GANESH SURYAKANT	Sewage cleaning machine
	132160	MULLA SHOAB IMTIYAJ	
	132170	KHURAPE PRANIT RAMESH	
	132175	SONALKAR ANIKET BALASO	
32	132163	KOLEKAR ROHIT PRAKASH	Design & fabrication of pionner sludge remover
	132164	AMANE ADITYA HEMANT	
	132153	KODULKAR PRATHAMESH NILESH	
	132156	PATIL PRANAV MALGONDA	
33	132126	INGAWALE SWAPNIL SATISH	Automatic wheel chair
	132157	THORAT AKASH VIKAS	
	132122	CHOUGULE SANKET SANJAY	
	132162	CHOUGULE ABHISHEK MAHADEV	
34	132127	LAMTURE SAKIB MALIKSAHEB	Design & manufacturing of temarind seeds removal machine
	132169	SIDDIQEE RASHIDJAMAL M SAIFULISLAM	
	132158	AKALEKAR SHUBHAM VILAS	
	132135	SAYYAD AMAN ALLABSKASH	
35	132152	UPADHYE GOMTESH BALASO	Cover & spring assembly for SK 40
	132142	MADNAIK ABHISHEK C	
	132123	JAVIR PRATHAMESH SANJAY	
	132139	KHANDEKAR KUMAR SHIVAJI	

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GROUP NO.	ROLL NO	NAME	TITLE
36	132146	POWAR RAJ PRATAP	Automatic rotary car parking system
	132130	LOLE ABHISHEK MARUTI	
	132132	KOTHAVALA SAGAR LAXMAN	
	132154	MULE AVADHUT MOHAN	
	132210	SUTAR VIRAJ VIJAY	
37	132138	KARIYAPANAVAR DINESH M	Development of prototype of EDM machine
	132141	KOLEKAR MAHESH PANDURANG	
	132143	SHINGE PRASHIK ARUN	
	132149	KIRAGI PAVAN PUNDLIK	
38	132145	RAVAL AJAY SAGAR	Design & development of plant Irrigation water sprinkler robot
	132133	JADHAV SAMADHAN DASHARATH	
	132150	KHAMKAR KEDAR NANDKUMAR	
	132144	GANTHADE ANIKET BAJRANG	
	132131	WAGH OMKAR CHANDRAKANT	
39	132140	KAGALE VAIBHAV DHONDIRAM	Design & manufacturing of Mechanical sickle
	132137	WADIKAR VIRENDRA NANDKUMAR	
	132113	CHOUGULE ABHISHEK AJIT	
	132172	AWATI TEJAS BABASO	
40	132187	KOLI AKASH SHASHIKANT	Multiple section bending machine
	132214	TATE DINESH ANANDA	
	132215	TUPE RITESH RAJENDRA	
	132224	NAIK AKASH BALASO	
	132219	AITAWADE PRATIK AJIT	
41	132204	PATIL SHREEVARDHAN JAYPAL	Silver ornament polishing machine
	132202	PATIL SAMMED SANJAY	
	132218	RAEES FAKRUDDIN MUJAWAR	
42	132225	DESAI GANESH SANJAY	Stair climbing trolley
	132228	SHINGE RAOSAHEB DATTA	
	132227	KHOT AMIT AVDHUT	

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GROUP NO.	ROLL NO	NAME	TITLE
43	132212	TANEKHAN AIJAZ IQBAL	TIG welding
	132195	PATHAN NAZIM RAFIK	
	132223	JADHAV TEJAS RAJENDRA	
	132196	PATIL AKSHAY SHIRISH	
44	132197	PATIL ANIKET TANAJI	Design & Manufacturing of manual fixture for Emerson housing
	132183	EKSAMBE VAIBHAV R	
	132179	BHILWADE SHREEVARDHAN B	
	132198	PATIL ONKAR JINGONDA	
45	132177	BHANDARE ABHISHEK ANANDA	Rain sensing automatic car wiper
	132217	GOTE RUSHIKESH SUNIL	
	132188	MANE OMKAR SHIVAJI	
	132220	TARALEKAR PRITHAVIRAJ C	
46	132181	DADHIWALE ARBAAZ AFSAR	Solar distillation with PCM & reflector
	132209	SHUKLA VASHISHT BHARATLAL	
	132222	SURVASE ASHUTOSH	
	132184	HIREMATH PRATHAMESH V	
47	132180	CHOUGULE ROHAN SUNIL	Application of Hybrid solar & wind power
	132182	DONGARE DATTAGURU R	
	132185	JAMADAR ASIF BASHIR	
	132186	KAKADE SHUBHAM SAGAR	
48	132194	PATEL SHANAWAJ NOORPASHA	Automatic T-shirt folding machine
	132199	PATIL PRATHMESH ADGONDA	
	132203	PATIL SAMMED SANTOSH	
	132192	NANDURGE ANIKET KUMAR	
49	132189	MANE PRATHAMESH PRAMOD	Design & Development of Automatic cutting and press machine for Jewellery parts
	132190	MANGAVE ASHISH BABASO	
	132200	PATIL SAMMED ANIL	
	132201	PATIL SAMMED PRAVIN	
50	132193	PACHORE VARDHAN RAJKUMAR	Design & Development of Rolling cum inspection machine with automatic tension adjustment
	132206	PATIL SOURABH SANJAY	
	132211	SUTAR PRATHAMESH DANLING	
	132213	TAPASE ABHISHEK SANJAY	
51	132205	PATIL SHREYAS DHANANJAY	Design & fabrication of hacksaw beam machine
	132207	PATIL VAIBHAV VINOD	
	132191	MANOLE PRANAV SUNIL	
	132216	BIROJE RAKESH BHANUDAS	

DEPARTMENT OF MECHANICAL ENGINEERING**FACULTY LIST :**

SR. NO.	NAME OF FACULTY	QUALIFICATION	DESIGNATION
1	Mr.S.S.Mali	M.Tech	H.O.D
2	Mr.M.A.Patil	BE	Lecturer
3	Mr.A.S.Kekare	BE	Lecturer
4	Mr.A.B.Patil	ME	Lecturer
5	Mr.B.A.Magdum	BE	Lecturer
6	Ms.R.R.Kadam	ME	Lecturer
7	Mr.W.I.Shaikh	ME	Lecturer
8	Mr.P.J.Patil	ME	Lecturer
9	Ms.K.S.Latthe	BE	Lecturer
10	Mr.B.J.Jugale	BE	Lecturer
11	Mr.S.N.Bodake	ME	Lecturer
12	Mr.A.K.Magdum	ME	Lecturer
13	Mr.S.S.Kothale	ME	Lecturer
14	Mr.A.M.Pandhare	ME	Lecturer
15	Ms.A.K.Burse	ME	Lecturer
16	Mr.A.B.Khot	BE	Lecturer
17	Mr.P.P.Mangave	M.Tech	Lecturer
18	Ms.R.R.Kapase	BE	Lecturer
19	Mr.K.J.Awati	BE	Lecturer
20	Mr.N.S.Patil	BE	Lecturer
21	Mr.B.B.Patil	BE	Lecturer
22	Mr.A.D.Patil	ME	Lecturer
23	Mr.V.C.Gadage	ME	Lecturer



Ms. R. R. Kadam

EDITOR'S DESK

It gives me immense pleasure in presenting the issue of Mechanical Engineering departmental newsletter 2020-21. I consider myself very fortunate that I got opportunity to lead a very effective and co-operative MESA team. I feel to mention here that all students of our department worked very hard throughout the year for successful arrangement of various online events during this pandemic situation. I take this opportunity to express my deep gratitude towards respected Exe. Director Hon. Shri Anil Bagane sir, Principal Mr.B.S.Tashildar sir, Head of Department Mr.S.S.Mali sir, Shift Program Head of Mechanical Department Mr.N.S.Patil sir, my colleagues, non teaching staff and all students for their valuable help throughout the year.

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