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YANTRADNYA

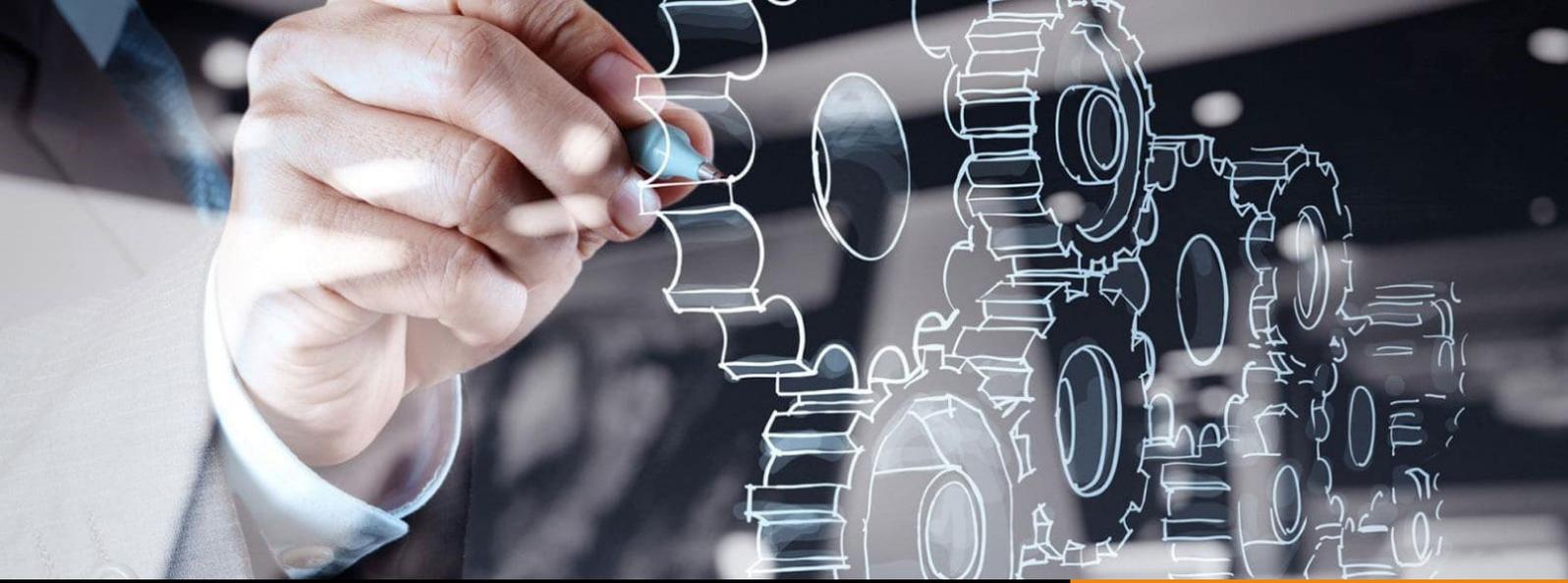
The Newsletter Of

DEPARTMENT OF MECHANICAL ENGINEERING

November 2021 | Issue 11

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ABOUT US...

Mechanical Engineering is one of the basic & most diverse and versatile engineering branch that touches virtually every aspect of modern life, including the human body & highly complex machines, The role of a mechanical Engineer is to take a product from an idea to the marketplace. Mechanical engineers play key roles in a wide range of industries including automotive, aerospace, biotechnology, computers, electronics, robotics & automation, microelectromechanical systems, energy conversion and manufacturing. Mechanical Engineering Department is one of the finest and biggest departments of the institute established in 2006 with the present intake of 180 students for UG programme. The department is very well equipped with workshops, laboratories, departmental library and digital library facilities. The classrooms are well designed rooms that incorporate everything needed for a pleasant learning atmosphere. It persistently seeks and adopts innovative methods to improve the quality of education on a consistent basis. Qualified and experienced faculties are strongly encouraged to nurture the students. Realizing the importance of learning beyond class rooms, the department encourages students to indulge in co-curricular activities. Department has established student chapters in association with International & National professional bodies like SAEINDIA, ISHRAE, ASHRAE, ISTE, QCFI etc. Many of the students in department participate in technical, non-technical & cultural events on regular basis. To name few eminent technical competitions are BAJA, SUPRA, Efficycle, GoKart, ROBOCON, Techno Chill, e-Yantra, Utkranti etc. Department has "Center of Excellence" in Robotica & Automation. which provides the platform to students for showcasing their technical talents through various project development. Which provides the platform to students for showcasing their technical talents through various project development. Our strong industry liaisoning and MOUs with various industries & organizations help to enhance teaching, learning and research in the department. The goal of the department. The goal of the department is to achieve excellence in the field of Mechanical Engineering with the development of skilled, employable & industry ready engineers. Many students have been recommended for higher studies overseas after their Graduation. Mechanical Engineering is rightly called Evergreen field, owing to its relevant and linkage with other branches of Engineering. Hence, there ia a wide range of scopes and opportunities for students who pursue this field. You must love machines & be comfortable working with tools!

VISION

To aspire for the welfare of society through excellence in Science and Technology.

MISSION

To develop professional skills through student centric activities and the industry interactions.

To prepare students for higher education, research and innovation.

To make globally competent and socially committed Mechanical Engineers with morals and ethical values.

From HOD's Desk



Dr. P. S. Purandare
(Head Of Department)

Welcome to the Department of Mechanical Engineering of Marathwada Mitra Mandal's College of Engineering Karvenagar, Pune. We started our journey in the year of 2006. Over the last fifteen years, we have grown our expertise & competence in the core Mechanical Engineering curriculum. The primary focus of our curriculum is to impart technical know-how to students, promote their problemsolving skills & innovation of new technologies. The students are encouraged to undertake various research projects.

We have state of the art research facilities in the constitution with industry to support our academic programs. Our department has a distinguished record in both teaching & research. Faculty members have excellent academic credentials & are highly regarded. Our department looks forward to contributing to solving the technological challenges of the society with active participation from all sections of the society.

The goal of this newsletter is to keep you updated with developments in Mechanical Engineering Department of MMCOE. This department is continuously undergoing transformation. New initiatives has been launched related to academics, student affairs', research and extra curricular activities.

The students & faculty members of the department are sincerely participating in various activities organized at institute or at other places. It is elevating to see the sound performance of students. I offer best wishes for future activities. At last, I thank to the editors of YANTRADNYA for their sincere efforts & I offer my best wishes to the readers of this newsletter.



EDITORIAL



It brings me immense joy & pleasure to introduce the Eleventh edition of the departmental newsletter 'YANTRADNYA'. All the creative energies that came on to this platform in the form of faculty experts & students are finally presenting a replica of their enthusiastic hard work through this extravaganza that has come



Mrs. Mayuri P. Rode
Chief Editor

out so organically. Technical & Arts every section shines out differently in its true sense. All the events conducted throughout the year were perfectly planned & executed & the overwhelming response it received said it all! This piece of art would not have been complete without the sheer determination & perseverance of all the students who pushed their limits every time to bring out this artistic reality. Their efforts coupled with immense support from the faculties truly have done justice to carry on the legacy. I am grateful for all the support YANTRADNYA has received throughout the year in every possible way from the faculties & Students. I hope the readers of the newsletter have a wonderful reading experience & wish this year's edition too receives your love & support like it has always received till date.



Nishita Kale

Student Content Editor

There is no denying that one day my memory of words will turn vague but every page of this newsletter will open a box of memory so vivid! Filled with hard work, dedication & limitless time put in making this one book that I will always be grateful to "YANTRADNYA" will make you fall in love with drawings again!

It gives me immense pleasure to bring to you an extraordinary &

masterly collection of the events, activities, achievements, highlights at the college presented in the 11th Annual departmental newsletter "YANTRADNYA 2021". The newsletter reflects the identity of MMCOE as well as gives the students & teachers a platform to explore their creativity & imagination. This work is a result of the various phases from planning to data collection to segregation to organization to proofreading to designing. I take this opportunity to express my gratitude to our HOD Dr. P. S. Purandare & Mrs. Mayuri P. Rode for their constant assistance & guidance. My sincerest thanks to all the captains, heads, mentors & the teams without whom this newsletter would have just been a dream. Last but the most important, you, the readers, YANTRADNYA would not have been what it is today without you. So, as you turn through the pages, I hope you like the curation of emotions, fervor, faith, ideas & aspirations expressed in words.

Program Educational Objectives (PEO's)

Graduates from our department will

- Become competent engineers for successful career in higher studies, research & industries.
- Acquire knowledge based skills to solve the problems in mechanical engineering & related fields.
- Achieve professional ethics & managerial skills.
- Respond to growing demands of society through lifelong learning and extension.

Industry Institute Interaction

- Helical Auto Technology (India Pvt.Ltd.), Pirangut Pune.
- JCB India Ltd.
- Bridgestone India Pvt. Ltd.
- Praj Industries, Bavdhan, Pune
- Sany Heavy Industry India Private Limited.
- Spark Minda Technical Center
- Renishaw Metrology Systems Ltd
- La foundation Dassault Systems Ltd.
- Johnson Controls
- Vats Filtration Technologies Pvt. Ltd.
- ARAI
- MSRTC Workshop
- Cosmic Refrigeration Pvt. Ltd.
- Mahindra & Mahindra
- Tata Motors Ltd.
- Thermax (India) Limited
- SUA Automation
- Cummins India Ltd.
- Accurate Ltd.
- Ratana Gears Pvt Ltd.
- Aquachill Refrigerators
- Auto Cluster, Ahmednagar
- SRP Engineers
- Alfa Laval (India)
- Whirlpool Global Technology & Engineering
- Emerson Climate Technologies India Ltd.



Add on Courses

- Improvement program on Electric vehicle Technology
- German Language
- Dessault certification course in CATIA
- Vehicle Interior Design
- Hypermesh Software
- Autodesk fusion 360
- Training on ANSYS
- Geometric Dimensioning & Tolerance
- Computational Fluid Dynamics
- Next generation of product design using Inspire solid Thinking
- Value added program on automation studio software

Prominent Labs

- CAD/CAM
- Applied Thermodynamics
- Power plant engineering
- Fluid Mechanics
- Strength of material
- Theory of Machine
- Dynamic of machinery
- Engineering Metallurgy
- Turbo Machinery
- Hydraulic and Pneumatics Labs
- Refrigeration & Air conditioning
- Heat Transfer
- Work Shop
- Mechatronics
- Metrology & Quality Control





MOU with Industry

- Associated Chambers of commerce & Industry of India (ASSOCHAM)
- MAFREE (MechAero Foundation for Technical Research & Education Excellence)
- Maharashtra State Road Transport Corporation's S.T. Workshop, Dapodi, (Continued for next two academic years) (Total Period 2015-2020)
- Indian Machine Tool Manufacturer's Association
- Blueprints Design
- Kirloskar Pneumatic Co. Ltd. (KPCL)
- A2 Innovations & Research
- Mechatol Engineering Solution
- Designtech Systems Ltd.
- Ahmednagar Auto & Engineering Association Auto cluster, Ahmednagar
- KGC Engineering projects Pvt. Ltd.



AHMEDNAGAR AUTO & ENGINEERING ASSOCIATION
AAEA CLUSTER || Collectively We Prosper



Kirloskar Pneumatic Co. Ltd.



Faculty Achievements



1. Dr. K. R. Patil nominated as member on National body of 'Engineering Educational Board (EEB)' of SAEINDIA.
2. Dr. V. R. Deulgaonkar appointed as Static Evaluation judge for National level SAE BAJA 2020 competition held at Chitkara University Chandigarh Punjab during 5th to 9th March 2020.
3. Dr. V. R. Deulgaonkar Recognized PhD Research Guide by S. P. Pune University since October 2019.
4. Mr. A. B. Gholap has been awarded Ph.D. in Production from college of Engineering, Pune on 29 Jan 2021.
5. Prof. R. S. Yadav has got Best Research scholar award for the year 2021.
6. Prof. R. U. Patil has successfully cleared the AICTE-NITTT Module 1 examination conducted under an eight-week online course entitled 'Orientation towards Technical Education & Curriculum Aspects' with a score of 85 out of 100.
7. Prof. R. S. Yadav published a patent on "An AI & IOT based traffic surveillance system for bike riders & method thereof".
8. Prof. P. K. Tamkhade published patent titled "Design and development of Innovative Radiator Fluent Flow Technology with Variable load to flow Ratio".
9. Institution of Engineers student Chapter awarded with National award of Best student chapter (Cash Rs. 15,000, Trophy & certificate).
10. Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune ISHRAE student chapter received as "Best Student Chapter" among all 25 active student chapters in pune on 2nd Oct 2020.
11. Dr. V. W. Bhatkar received project grant of \$5000 from ASHRAE USA for project titled "Development & experimental study of 5 TR Stratified chilled water storage plant" for year 20-21.



Our Teams...



Team Abhedya Racers



Team Abhedya



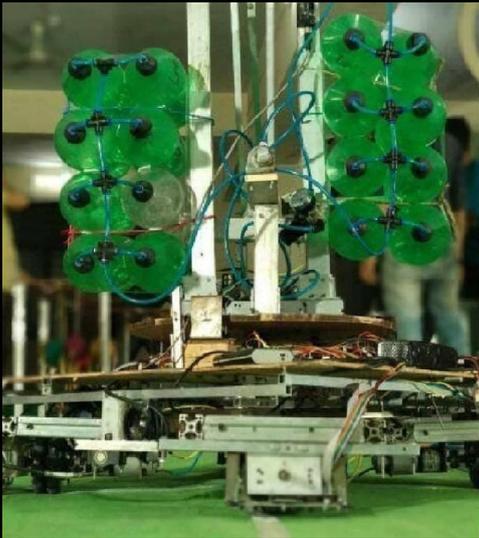
Team Annihilator



Team Achilles



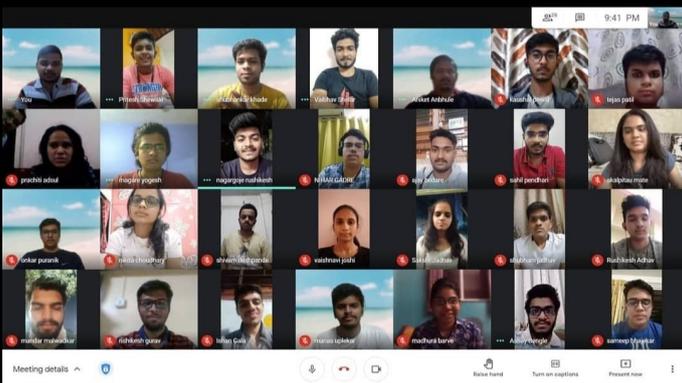
Team Rudra



Team Achilles



Team Annihilator



Team Abhedya Racers



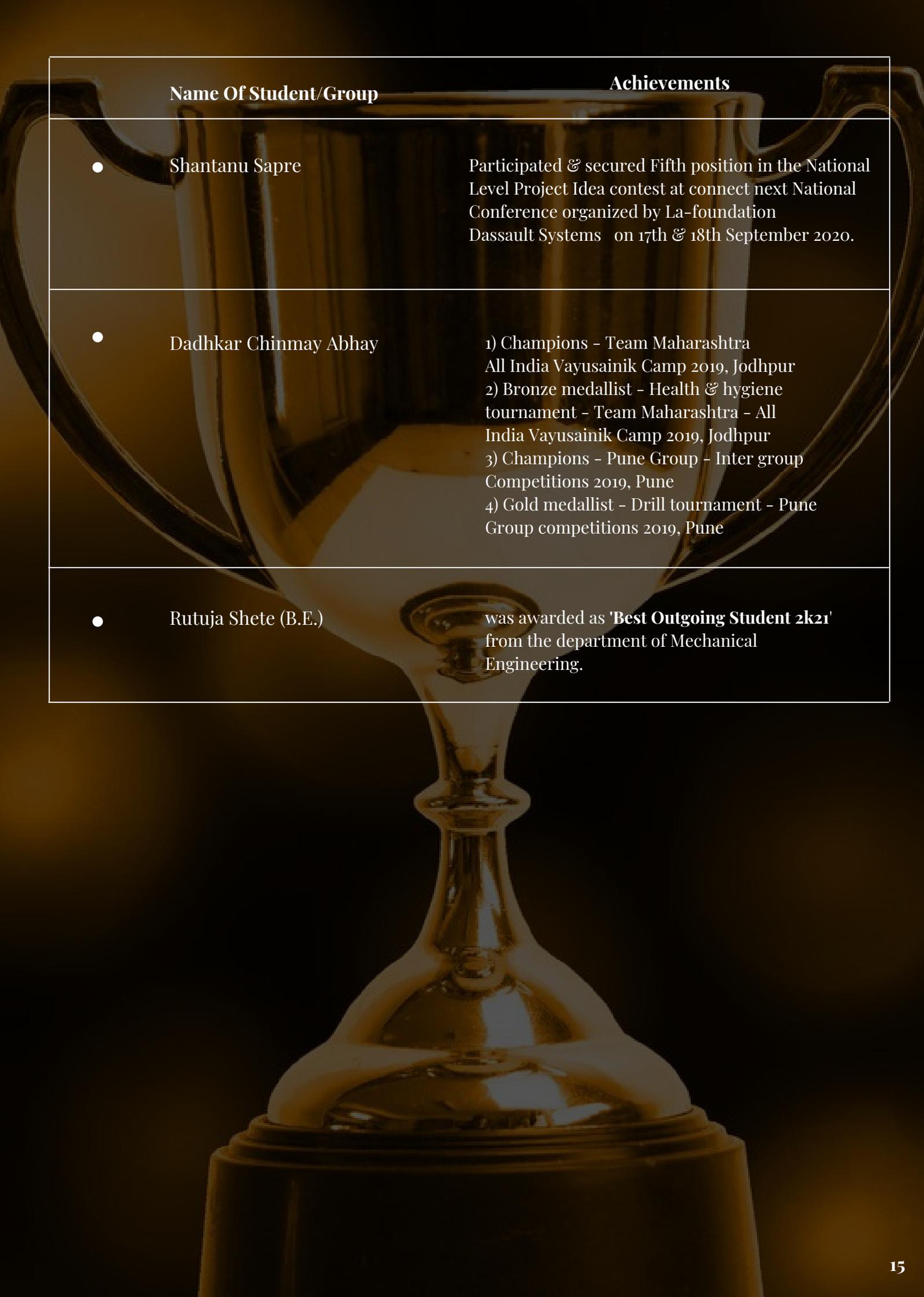
Team Abhedya

Students Achievements

Name Of Student/Group	Achievements
● Team Abhedya Racers	Secured 17th Rank all over INDIA at Formula Students 2021 organized by SAE INDIA & the team was captained by Mandar Malwadkar
● Team Annihilator	Secured 4th Rank all over INDIA in Conventional category at Efficycle 2021 organized by SAE INDIA & the team was captained by Aditya Waghire.
● Team Achilles	Secured 5th Rank all over INDIA in Advanced Hybrid category at Efficycle 2021 organized by SAE INDIA & the team was captained by Shubham Khairnar.
● Team Abhedya	Won 'Go Green Award' at BAJA 2021 organized by SAE INDIA & the team was captained by Ruturaj Vedante.
● Sahil Barshikar	Participated and secured the position of Runner-Up in the Mastermind Quiz competition organized by Mechanical Engineering Student's Association.
● Ankita Mawale	Participated and secured First Position in the Virtual Concert 2021 organized by Mechanical Engineering Student's Association.
● Aniruddha Joshi	Participated and secured Second Position in the Virtual Concert 2021 organized by Mechanical Engineering Student's Association.
● Prachiti Adsul	Participated and secured Third Position in the Virtual Concert 2021 organized by Mechanical Engineering Student's Association.
● Bhaskar Kadam (B.E.)	Participated and secured First position in the Inter collegiate 1 minute Sit Up competition organized by Department of Mechanical Engineering.

Name Of Student/Group	Achievements
<ul style="list-style-type: none"> ● Yash Ankaikar (B.E.) ● Shubham Patil (T.E.) ● Rutuja Shete (B.E.) 	<p>Participated and secured First position in the Inter collegiate Chess competition organized by Department of Mechanical Engineering.</p> <p>Participated and secured Third position in the Inter collegiate Chess competition organized by Department of Mechanical Engineering.</p> <p>Participated and secured Third position in the Inter collegiate Chess competition organized by Department of Mechanical Engineering.</p>
<ul style="list-style-type: none"> ● Atharva Bharaswadkar (T.E.) ● Bhaskar Kadam (B.E.) ● Chaitanya Balinvar (B.E.) 	<p>Participated and secured First position in the Inter collegiate 1 minute Push Ups competition organized by Department of Mechanical Engineering.</p> <p>Participated and secured Second position in the Inter collegiate 1 minute Push Ups competition organized by Department of Mechanical Engineering.</p> <p>Participated and secured Third position in the Inter collegiate 1 minute Push Ups competition organized by Department of Mechanical Engineering.</p>
<ul style="list-style-type: none"> ● Rajas Dhepe (B.E.) ● Chaitanya Bhalwankar 	<p>Participated and secured First position in the Inter collegiate 1 minute Skipping competition organized by Department of Mechanical Engineering.</p> <p>Participated and secured Second position in the Inter collegiate 1 minute Skipping competition organized by Department of Mechanical Engineering.</p>
<ul style="list-style-type: none"> ● Chaitanya Balinavar (B.E.) ● Akash Patil (T.E.) ● Harish Nalhe (S.E.) 	<p>Participated and secured Second position in the Inter collegiate Online Plank organized by Department of Mechanical Engineering.</p> <p>Participated and secured Third position in the Inter collegiate Online Plank organized by Department of Mechanical Engineering.</p> <p>Participated and secured Third position in the Inter collegiate Online Plank organized by Department of Mechanical Engineering.</p>
<ul style="list-style-type: none"> ● Prachiti Adsul (T.E.) 	<p>Participated and secured First position in the Inter collegiate Vividh Bharat Contest organized by CSI Student's Chapter.</p>

Name Of Student/Group	Achievements
<ul style="list-style-type: none"> ● Yashashree Waikar (B.E.) 	Participated and secured Second position in the Inter collegiate Vividh Bharat Contest organized by CSI Student's Chapter.
<ul style="list-style-type: none"> ● SAE BAJA ARIZONA 2020 held at Tucson USA 	Virtual Round 1. Overall International Rank - 25th 2. Design International Rank - 21st 3. Sales International Rank - 23rd
<ul style="list-style-type: none"> ● Sidharth Pawar (B.E.), Digvijay Sawant (B.E.), Akshay Pawar (B. E.) & Saurabh Sawant (B.E.) 	Published patent on Design & Development of liquid food dispenser assembly (Application Number - 202021020276A) (Date of Publication - 17/07/2020)
<ul style="list-style-type: none"> ● Parth Bhalerao 	Participated & secured Third position in the intercollegiate chess championship, Pune city zonal sports committee organized by MMCOE, Pune
<ul style="list-style-type: none"> ● Shreyash Phapale (T.E.) 	Participated & secured First position in State level Elocution & Second position in State level Poetry.
<ul style="list-style-type: none"> ● Salil Deshpande 	Participated & Secured third position in SPPU, Pune city Zone Intercollegiate 'Best Physique' competition (in 65 kg) organized by MMCOE, Pune
<ul style="list-style-type: none"> ● Avadhoot Hole 	1) Discovered 16 provisional & 1 preliminary asteroids. 2) Received Bronze honour in International Astronomy & Astrophysics competition. 3) Got selected as official ambassador of International Astronomy & Astrophysics competition - 2020.



Name Of Student/Group	Achievements
● Shantanu Sapre	Participated & secured Fifth position in the National Level Project Idea contest at connect next National Conference organized by La-foundation Dassault Systems on 17th & 18th September 2020.
● Dadhkar Chinmay Abhay	1) Champions - Team Maharashtra All India Vayusainik Camp 2019, Jodhpur 2) Bronze medallist - Health & hygiene tournament - Team Maharashtra - All India Vayusainik Camp 2019, Jodhpur 3) Champions - Pune Group - Inter group Competitions 2019, Pune 4) Gold medallist - Drill tournament - Pune Group competitions 2019, Pune
● Rutuja Shete (B.E.)	was awarded as ' Best Outgoing Student 2k21 ' from the department of Mechanical Engineering.

Distinguished Alumni



Darshan Shaha
Managing Partner at
Zen Engineering Solutions



Bhargav Deshpande
Topped in AFCAT & joined Indian Air
force from 28th Jan 2021



Kapil Kulkarni
Helical Auto technology India Private Ltd.
Secured 9th rank in SPPU examination



Vaibhav Kamble
First officer at Indigo



Nivedita Borole
DHL Chain India Pvt. Ltd.



Ankit Kharde
Technical officer in Indian Air Force



Vinod Shinde
Officer in Indian Army



Paper Publications



- Vikas Deulgaonkar, Ketan Joshi, Prasad Jawale, Sakshi Bhutada & Sherly Fernandes (2021). "Failure Analysis of Timing Device Piston & Supply Pump Vanes in Fuel Injection System for Transport Utility Vehicles", Journal of failure Analysis & Prevention <https://doi.org/10.1007/s11668-020-01052-z> (Springer Publications).
- Vikas Radhakrishna Deulgoankar ,Nupoor Ingolikar ,Atharva Borkar, Sagar Ghute and Neha Awate.(2021). "Failure analysis of diesel engine piston in transport utility vehicles,Enineering Failure Analysis", <https://doi.org/10.1016/j.engfailanal.2020.105008> (Elsevier Journal)
- Deulgaonkar V.R "Design and drag analysis of Fixed Wing Unmanned Aerial Vehicle for High Lift",Publication 10/8/2020(SCOPUS)
- Dr. V. W. Bhatkar, published paper titled "Comparison of theoretical and actualwater los for adiabatic cooling of fin fan water cooler " in Elsevier Materials Today:Proceedings, April 2021
- Dr. V. W. Bhatkar, published paper titled "Design of vertical fire tube boiler using IBR code and FEA analysis " in Inderscience, International Journal of Nanotechnology, April 2021
- Khot Rahul, s., Rao, T. V., Keskar, A., Girish, H.N., Madhusudan, P. (2020)."Investigation on the effect of power and velocity of laser beam welding on the butt weld joint on TRIP steel". Journal of Lase Application, vol. 9, no. 5,p.7544-7549, DOI:10.30534/ijatcse/2020/90952020
- Khot Rahul, S., Venkateswara Rao, T. (2020). Investigation of mechanical behaviorur of laser welded butt joint of transformed induced plasticity (TRIP) steel with effect laser incident angle". International Journal of Engineering Research and Technology, vol. 13, no.11, p. 3398-3403, DOI:10.37624/IJERT/13.1102020.3398-3403
- Khot Rahul S, Venkateswara Rao, T., Girish H. N., Madhusudan, P. (2020). "Parameter Forecasting of Laser Welding on Strength, Deformation and Failure Load of Transformed Induced Plasticity (TRIP) steel using Experimental and Machinde Learning Approach:. Journal of Seybold Report Volume 15 Issue 8 page No. 2148-2157

- Khot Rahul S, T. Venkateshwara Rao, Harshad Natu, H. N. Girish, Tadashi Ishigaki, Puttaswamy Madhusudhan (2021) "An Investigation on Laser welding Parameters on the Strength of TRIP Steel" Strojnicki vestnik - Journal of Mechanical Engineering 67(2021)1-2, 45-52
- Khot Rahul S, T. Venkateshwara Rao, H. N. Girish, Tadashi Ishigaki, Puttaswamy Madhusudhan (2021) Preiskava vpliva parametrov laserkega varjenja na trdnost jekel TRIP Strojnicki vestnik - Journal of Mechanical Engineering 67(2021)1-2, SI 7.
- Tamkhade P. K. ""Estimation of Heat Transfer Coefficient for Intermediate Fluid Stream in Triple Concentric Tube Heat Exchanger" ", Published in International Journal of Ambient Energy' , Talor & Francis Journal , Which is ESCI, Scopus and UGC care listed.

BE TOPPERS



Balinavar Chaitanya Girish
(CGPA : 9.76)



Pawar Shubham Sudhakar
(CGPA : 9.54)



Dhepe Rajas Pramod
(CGPA : 9.4)



TE TOPPERS



Adsul Prachiti Pravinkumar
(CGPA : 10)



Choudhary Nikita Badrinarayan
(CGPA : 10)



Phapale Shreyas Shashikant
(CGPA : 10)

SE TOPPERS



Gupte Anuj Vijit
(CGPA : 9.55)



Jadhav Hrithik Ganapati
(CGPA : 9.48)



Mandke Ashish Ajay
(CGPA : 9.48)



Naik Rugved Pravin
(CGPA : 9.45)

Guest Lectures



- Department of Mechanical Engineering organized Expert session on 'Masters Education & Career Planning' under the guidance of Mr. Ajay Belsare (MBA, IIM Ahmedabad, MTech-IIT Madras, Working with Persistent systems limited) & Mr. Siddharth Bendale (MS Concordia Univ. Canada, MBA IIM Indore, working with FIITJEE, International Business head) as a resource person on 6th June 2020.
- Department of Mechanical Engineering organized Expert Session on 'How to become a Design Engineer Being Fresher' and invited Mr. S. Srinivasan & Mr. Rohit More Technical (Support Manager Design, Skill-LYNC Chennai) as a resource person on 11th June 2020.
- Department of Mechanical Engineering in association with Mechatrol Engineering solutions organized Expert Session on "Discover the Value of Geometric Dimensioning and Tolerancing (GD & T) for Mechanical Engineer" and invited Mr. Anand Bhise (ASME Certified Sr.GDTP, Director Mechatrol Engineering Solution) as a resource person on 15th June 2020.
- Department of Mechanical Engineering organized Expert Session on " Impact of Corona Virus on Education - Challenges and Way forward" and invited Industry Experts Mr. Paresh Teredesai (IT Head DesignTech Systems Ltd.) & Mr. Manish Arzare (Design Head, DesignTech Systems Ltd., DesignTech Systems Ltd.) as a resource person on 19th June 2020.
- Institute Of Engineering Organized Expert Talk on " Changing Paradigm in higher Education : Possibilities & Challenges " on 23rd June 2020.
- Department of Mechanical Engineering organized Expert talk on "Introduction to Cold Chain" and invited Ms. Aditi Surung (ACR Project Consultants, ISHRAE Pune Chapter) as a resource person on 29th June 2020 for all students of Pune Chapter.
- Department of Mechanical Engineering organized Expert Session on 'Finite Element Analysis of Metal and Composite Materials' and invited Industry Expert Mr. S. Dhamodharan (project Engineer, MechAero Foundation for Technical Research and Education Excellence (MAFTREE), Chennai) as a resource person on 1st July 2020.
- Make it Happen for Invention, Innovation, and Incubation(MCII) A Joint Collaboration of Tata Technologies Ltd. Science & Technology Park and Marathwada Mitramandal, Pune invited Mr. Maresh Jain and Mr. Shihash Kunju as a resource person for "Blockchain Technology" on 4th July 2020.

- Department of Mechanical Engineering organized Expert Session on "Advanced in CAD/CAM & Career opportunities" and invited Dr. G. M. Kakandikar & Dr. G.R. Ghorpade as a resource person on 10th July 2020.
- Department of Mechanical organized Expert session on "Design Thinking of Mechanical Engineering" and invited Mr. Akash Alegaonkar (lead Designer, Voltrix mobility, Chennai) as a resource person on 16th July 2020.
- Department of Mechanical Engineering organized Expert session on "Bharat Stage Emmission Standards & Successive changes in powertrain" and invited Mr. Vikrant Bhalerao (Sub Regional officer, Maharashtra Pollution Control Board, Govt. of Maharashtra) as a resource person on 20th August 2020.
- Department of Mechanical Engineering organized Expert session on "Effective Use of Social Media for Personal Branding and Marketing" and invited Sumit Zakar (Digital Marketing Manager, Ultra skills IT Solution, Pune) as a resource person on 25th August 2020.
- Department of Mechanical engineering organized Expert session on 'Certified Virtual Internship opportunities on Advanced Automotive Technology (AAT) and Analysis Led Design (ALD)' and invited Dr. K.C.Vora, Mr. Pramod Hande & Mr. Punit Kongi ARAI (Automotive Research Association of India) Pune as a resource person on 1st September 2020.
- Department of Mechanical Engineering organized Expert session on "Coal Power Plants: Fundamental Concepts & Current Trends and invited Mr. Vikrant Bhalerao (Maharashtra Pollution Control Board, Government of Maharashtra) as a resource person on 4th September 2020.
- Department of Mechanical Engineering organized Expert session on "Engineers for self-Reliant India" and invited Mr. Prakash Jagtap (Founder, Chairman & Managing Director, SAJ Group, Pune) as a resource person on 15th September 2020.
- Department of Mechanical Engineering organized Expert session on Electric Vehicles-Future Projection and invited Mr. Ashwini Tiwary (CEO Autobot India) as a resource person on 30th September 2020.
- Department of Mechanical Engineering organized Expert session on How to crack a Million Rs.Job Interview and invited Mr. Rutved Joshi (Business Development Associate, BYJU's) as a resource person on 12th October 2020.
- Department of Mechanical Engineering organized Expert session on 'Geometric Dimensioning & Tolerances (GD & T): Drawing language for Mechanical Engineers' and invited Mr. Anand Bhise (Senior GDTP ASME) as a resource person on 4th February 2021.
- Department of Mechanical Engineering Organized Expert session on CATIA & SolidWorks for Mechanical Engineers and invited Mr. Chetan Madki (Founder of CADCAMGURU, Pune) as a resource person on 8th February 2021.
- Department of Mechanical Engineering organized expert session on Organized interaction and invited Mrs. Harshada Padhaye (German Language trainer) as a resource person.

for Queries on German language training & certification on 8th February 2021.

- Department of Mechanical Engineering & Students Chapter of Institution of Engineers IE(I) and Indian Society Of Heating, Refrigerating & Air Conditioning Engineers (ISHRAE) is organized Expert session on Topic "Modeling Of Two-Phase Frictional Pressure Gradient In Refrigeration & Air Conditioning Systems' by Internatinal speaker: Dr. M. M. Awad, Associate Professor,* Mechanical Power Engineering Department, Faculty of Engineering, *Mansoura University, Egypt on 11th February 2021.
- Department of Mechanical Engineering organized expert session on Hybrid Electric Vehicles- Architecture by Mr. Pramod Hande, Research faculty by ARAI, Pune for Mechanical/Electrical/E&TC students on 03/03/2021.
- Department of Mechanical Engineering organized expert session on "Entrepreneurship - How to overcome Early Challenges" by Rohit Gaikwad, Head Products, Inventis Projects Private Limited on 09/03/2021.
- Institute Engineering organized expert talk on "Sustainable Development goal & medium, Small & Micro Enterprises (MSMEs): An Insight on 3rd April 2021.

• WORKSHOPS ORGANIZED BY DEPARTMENT

- Article writing & Poster presentation competition organized by ISHRAE student Chapter for all college students under SPPU on 16th Sept 2020.
- ACR Project consultants and Rotary Club (North) scholarship Distribution ceremony on 6th June 2020 for all students of Pune. After two round of preliminary interviews, three students from MMCOE received scholarship of Rs. 20,000/- each.

• INDUSTRY VISIT

Academic Year	Class/Year	Industry/Organization	Dates
2020-21	SE, TE, BE	Virtual industry visit at IMTMA Technology centre	03/11/2020



Placements

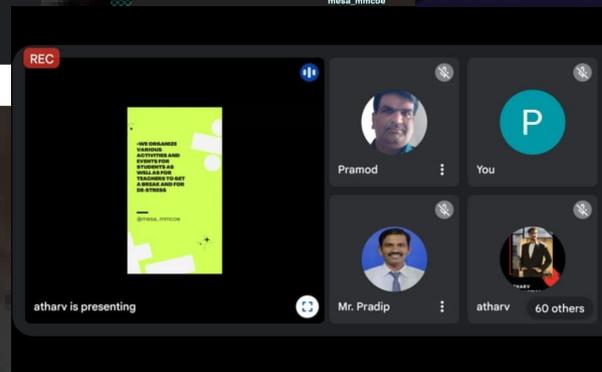
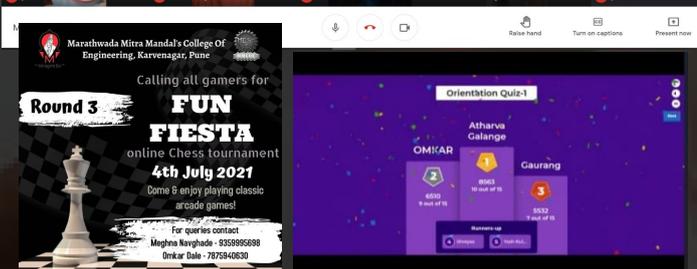
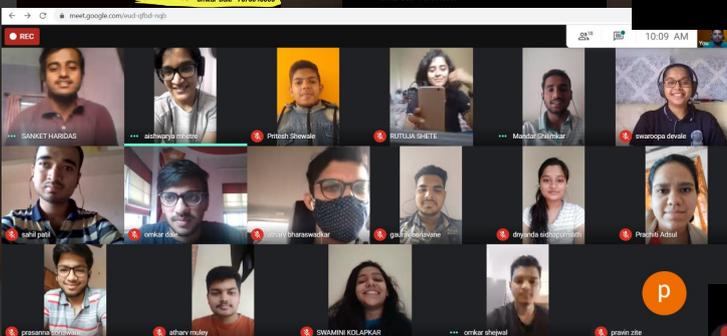
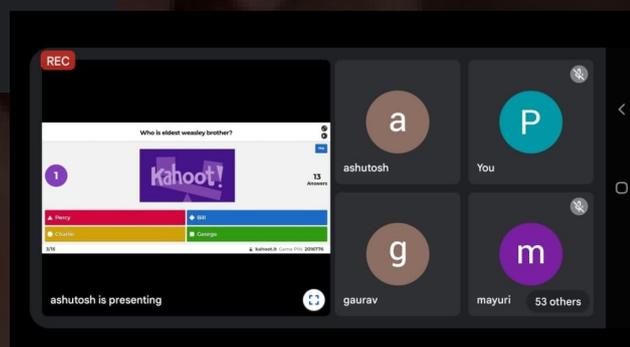
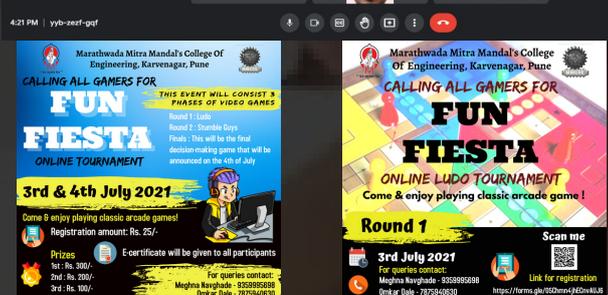
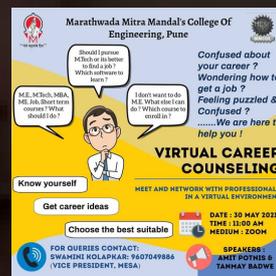
Name Of Student	Company/Industry	Annual Package	Academic Year
Shubhankar Rajesh Khade	Byjus	10.00	20-21
Abhijit Jagdish Patil	Tata Technologies	4.50	20-21
Akash Pathakar	Tata Technologies	4.50	20-21
Om Shinde	Tata Technologies	4.50	20-21
Ankita Yeole	Accenture	4.50	20-21
Anand Kadpe	Accenture	4.50	20-21
Abhijit Jagdish Patil	Infosys	3.60	20-21
Ginij Madhukar Pawar	Infosys	3.60	20-21
Omkar Bakshi	Infosys	3.60	20-21
Sunil Dadaso Shinde	Infosys	3.60	20-21
Tejas Sonaje	TCS	3.36	20-21
Shrawani Deshmukh	Thermax	1.80	20-21
Ameya Mote	Thermax	1.80	20-21

MESA

(Mechanical Engineering Students Association)

Mechanical Engineering Students Association MMCOE carried out various activities throughout the semester to make the academic energetic & enthusiastic. The highlighted Activities conducted by MESA were

- Organized 'Virtual Concert' for FE, SE, TE & BE students on 22nd January 2021.
- Organized 'MasterMind' online quiz competition for FE, SE, TE & BE students on 18th February 2021.
- Organized 'Virtual Career Counseling' for TE & BE students on 30th May 2021.
- Organized 'Fun Fiesta' online Ludo tournament on 3rd July 2021.
- Organized 'Fun Fiesta' online Chess tournament on 4th July 2021.

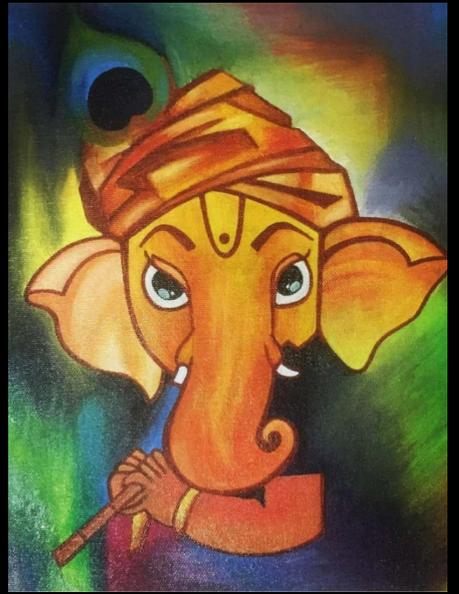


Students Corner

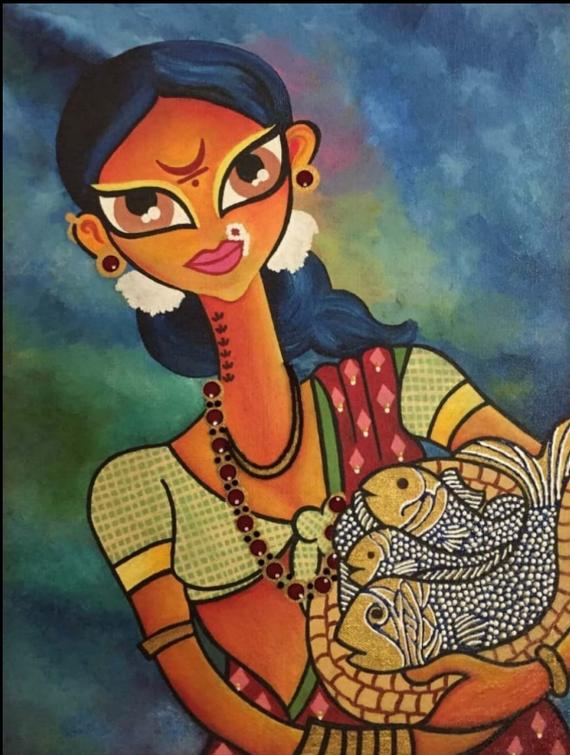


Artist : Rutuja Jaid



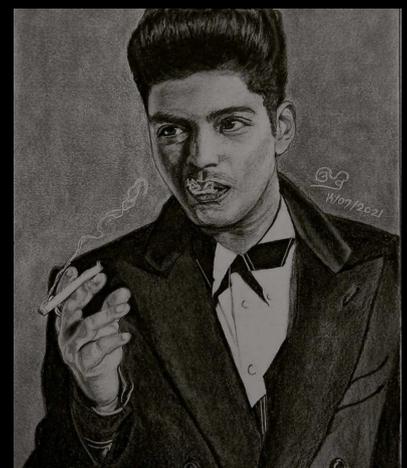


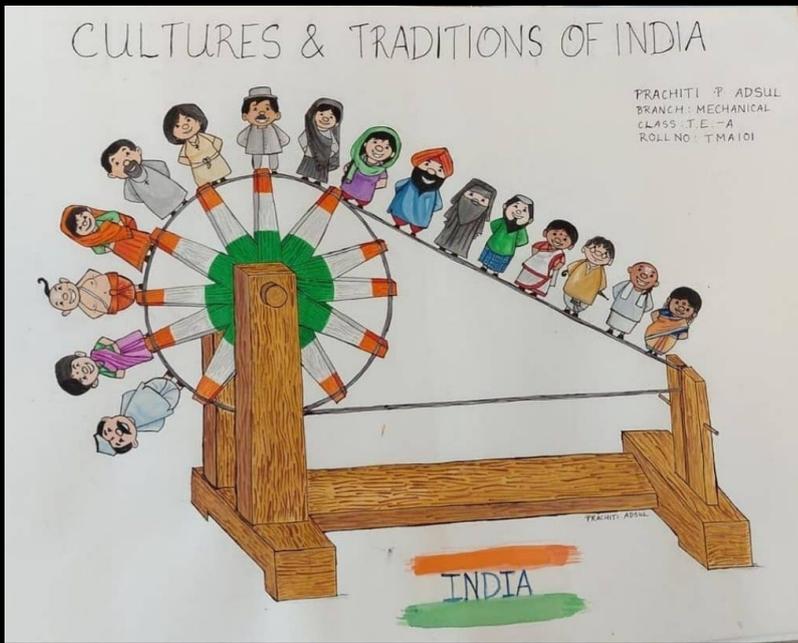
Artist : Nishita Kale





Artist : Arnav Thigale





Prachiti P. Adsul
Class: B.E.
Roll no.: BMA 101



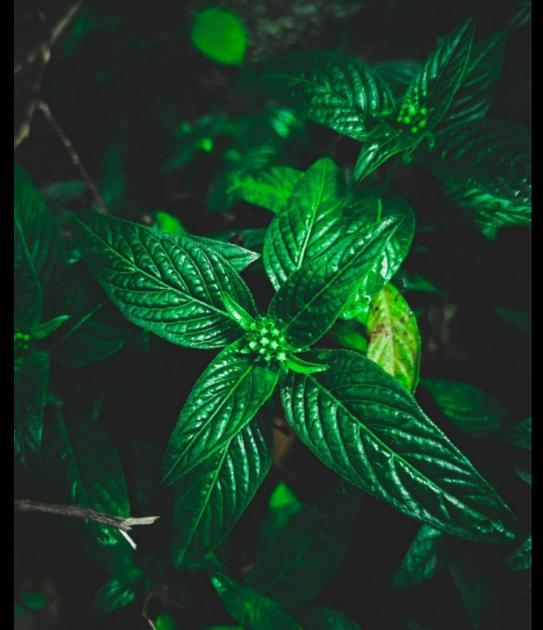
Artist : Prachiti Adsul



Prachiti P. Adsul
Class: B.E.
Roll no.: BMA 101



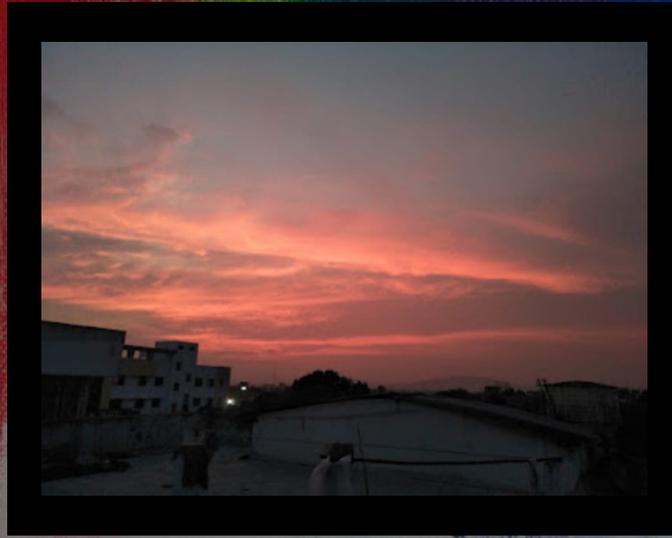
Photography



Images by Sanjyot Kharde



Images by Vaishnavi Naikare



Images by Omkar Jadhav