



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research
Sr. No. 103, Parvati, Pune - 411 009.
Tel.: 020-24218901/8959 Tele Fax: 020-24213929
Web.: <http://www.abmspcorpune.org>
Email: abmspcoe@yahoo.com



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Research and Development Profile



Prof. Ashish R. Pawar

Experience: 1) 5.7 Years – Teaching
2) 1.5 Years – Industry

Area of Specialization: Finite Element Analysis, Vibration Analysis, Control Systems, Automotive Technology, Advanced Stress Analysis, Vehicle Dynamics, CAD/CAE, PLM, Robotics, Condition Monitoring

Email: ashish.pawar@abmspcorpune.org,
a.pawar5391@gmail.com

Contact No.: +91-9595-173-420, 8208-721-930

Department of Mechanical Engineering

Prof. Ashish R. Pawar has completed his Bachelors of Engineering in Mechanical Engineering from NIT, Nagpur, Masters of Engineering in Mechanical Design Engineering from DY Patil College of Engineering, Akurdi, Pune (affiliated to Savitribai Phule Pune University, Pune) and pursuing Ph.D from College of Engineering (CoEP), Pune. He has an adequate hands on knowledge of software's like CATIA, ANSYS, Hypermesh, Matlab & Simulink, and Adams. Currently he is working on research projects like Smart Polyhouse, Electric Vehicle Testing Facility, and Advanced Suspension System for Heavy Goods Vehicle etc.

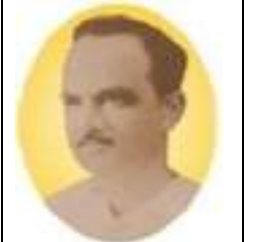
Publications (Research Papers):

1. Ashish R. Pawar, "Roof Crash Simulation of Passenger Car for Improving Occupant Safety in Cabin" in Elsevier Journal
2. Ashish R. Pawar, "Design and Development: A Simulation Approach of Multi-Link Front Suspension for an All-Terrain Vehicle", SAE Technical Paper, SIAT 2021
3. Aditya Pawar, Aniket Wanjale, Harshal Wanjale, Yash Sathe, **Ashish R. Pawar**, "Static



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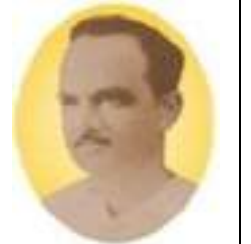
Structural Analysis & Optimization Of Driver Cabin Mounting Bracket Of Heavy Commercial Vehicle”, Journal of Analysis & Computation (**IJAC, UGC**), Volume XV Issue VI, June 2021 ISSN: 0973-2861, pp. 111-124

4. Siddharth P. Patil, Saurabh R. Birwatkar, Pranil D. Phadke, Karan R. Pawar, **Ashish R. Pawar**, “Static Structural Analysis & Topology Optimization Of Automotive Track Control Arm For Light Passenger Vehicle”, Journal of Analysis & Computation (**IJAC, UGC**), Volume XV Issue VI, June 2021 ISSN: 0973-2861, pp. 91-100
5. Sandhya R. More, Ganesh E. Kondalkar, **Ashish R. Pawar**, “Crash Analysis Of A Conformable CNG Tank Using FEA Tool”, Journal of Analysis & Computation (**IJAC, UGC**), Volume XV Issue VI, June 2021 ISSN: 0973-2861, pp. 71-78
6. Sumit Ekbote, Sidhesh Gade, Sanket Mhetre, Raj Dhawade, **Ashish R. Pawar**, “Experimental Analysis Of Automatically Manufactured Chain Link Fencing Wire”, Journal of Analysis & Computation (**IJAC, UGC**), Volume XV Issue VI, June 2021 ISSN: 0973-2861, pp. 57-67
7. Tushar S. Kalaskar, Kashinath H. Munde, **Ashish R. Pawar**, “Design And Analysis Of Hybrid Aluminium-Composite Driveshaft With Crack Using Experimental Modal Analysis And FEA”, Journal of Analysis & Computation (**IJAC, UGC**), Volume XV Issue VI, June 2021 ISSN: 0973-2861, pp. 27-40
8. Sandhya R. More, Ganesh E. Kondalkar, **Ashish R. Pawar**, “Review Of Conformable Cng Tank Storage In Light Goods Vehicle”, Journal of Analysis & Computation (**IJAC, UGC**), Volume XV Issue VI, June 2021 ISSN: 0973-2861, pp. 21-26
9. Deepak N. Patil, Ganesh E. Kondhalkar, **Ashish R. Pawar**, “Improvement In Productivity And Quality Of Bumper Punching Machine”, Journal of Analysis & Computation (**IJAC, UGC**), Volume XV Issue V, May 2021 ISSN: 0973-2861, pp. 1-6
10. Shubham A. Andore, **Ashish R. Pawar**, P. N. Abhyankar, “Study Of Effects Of Different Profiles Of Dental Implant Using FEA”, Journal of Analysis & Computation (**IJAC, UGC**), Volume XV Issue V, May 2021 ISSN: 0973-2861, pp. 1-13
11. Abhilash D. Bhosale, **Ashish R. Pawar**, “Experimental & Numerical Investigation Of Pretention Effect On Fatigue Life Of Double Lap Bolted Joint Under Dynamic Shear Loading”, Journal of Analysis & Computation (**IJAC, UGC**), Volume XV Issue V, May 2021 ISSN: 0973-2861, pp. 1-19
12. Deepak N. Patil, Ganesh E. Kondhalkar, **Ashish R. Pawar**, “Structural Optimization Of Bumperfog Lamp Punching Machine”, Journal of Analysis & Computation (**IJAC, UGC**), Volume XV Issue V, May 2021 ISSN: 0973-2861, pp. 71-84
13. **Ashish Pawar**, Suraj Jadhav, “Investigate Optimum Shape of Crash Box Analysis Experimentally & Numerically on Geometry Aspect” in Journal of Analysis & Computation



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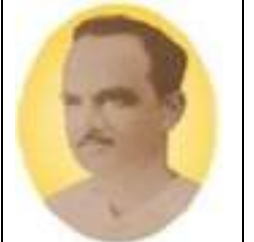
(IJAC, UGC), Volume XIV Issue VII, July 2020 ISSN: 0973-2861

14. **Ashish Pawar**, Yogesh Vyavahare, Ganesh Kondhalkar, “RoofCrash Simulation of Passenger Car for Improving Occupant Safety in Cabin” in IUP Journal of Mechanical Engineering, Volume 13 Issue 2/3.
15. **Ashish Pawar**, Suraj Jadhav, “Experimental & Non-Linear Analysis to Investigate Optimum Shape Crash Box” in Journal of Interdisciplinary Cycle Research (**JICR, UGC**), Volume XII Issue VII, July 2020 ISSN: 0022-1945, pp. 966-973
16. **Ashish Pawar**, Swastik Kumar Pati, Ganesh Kondhalkar, “Comparative Analysis of Kenaf & Jute E Glass Epoxy Specimen Along with B Pillar Natural & Synthetic Combination Replica Test Under UTM” in Journal of Analysis & Computation (**IJAC, UGC**), Volume XIV Issue VII, July 2020 ISSN: 0973-2861
17. **Ashish Pawar**, Harshal Dharmale, Ganesh Kondhalkar, “Experimental FEA Investigation of Bolt Loosening in a Bolted Joint Structure ” in Journal of Analysis & Computation (**IJAC, UGC**), Volume XIV Issue VII, July 2020 ISSN: 0973-2861, pp. 1-12
18. **Ashish Pawar**, Harshal Dharmale, Ganesh Kondhalkar, “Numerical Investigation Of Bolt Loosening In A Bolted Joint Structure” in Journal of Analysis & Computation (**IJAC, UGC**), Volume XIV Issue VII, July 2020 ISSN: 0973-2861, pp. 1-12
19. **Ashish Pawar**, Abhijeet Salunkhe, Kashinath Munde, “Optimization of Power Lift Gate Spindle & Socket Assembly” in Journal of Analysis & Computation (**IJAC, UGC**), Volume XIV Issue VII, July 2020 ISSN: 0973-2861
20. **Ashish Pawar**, Abhijeet Salunkhe, Kashinath Munde, “Investigate Numerical Analysis of Power Lift Gate Spindle & Socket Assembly with Modifications” in Journal of Analysis & Computation (**IJAC, UGC**), Volume XIV Issue VII, July 2020 ISSN: 0973-2861
21. **Ashish Pawar**, Balasaheb Takale, “A Review on Tribological Behavior of Natural Fiber Reinforced Composite” in Journal of Analysis & Computation (**IJAC, UGC**), Volume XIV Issue VII, July 2020 ISSN: 0973-2861
22. **Ashish Pawar**, Sampada Ahirrao, Ganesh Kondhalkar, “Fatigue Analysis of Leaf Spring Bracket for Light Duty Vehicles on Topology Optimization Approach” in Journal of Analysis & Computation (**IJAC, UGC**), Volume XIV Issue VII, July 2020 ISSN: 0973-2861, pp. 1-11
23. **Ashish Pawar**, Rahul Nimbalkar, “Investigation of Carbon Fiber & E Glass Epoxy Composite with Multi-Bolt Joints using Tensile Loading ” in Journal of Analysis & Computation (**IJAC, UGC**), Volume XIV Issue VII, July 2020 ISSN: 0973-2861
24. **Ashish Pawar**, Rahul Nimbalkar, “Numerical Analysis of Carbon Fiber & E Glass Epoxy Composite Plates in Tensile Loading with Multi-Bolt Joints” in Journal of Analysis & Computation (**IJAC, UGC**), Volume XIV Issue VII, July 2020 ISSN: 0973-2861
25. **Ashish Pawar**, Makarand Patil, Ganesh Kondhalkar, “Predication of Effect of Welding



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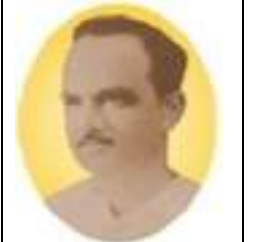
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- Process Parameter of MIG Process on Weld Bead Geometry” in Journal of Analysis & Computation (**IJAC, UGC**), Volume XIV Issue VII, July 2020 ISSN: 0973-2861
26. **Ashish Pawar**, “Topology Optimization Of Leaf Spring Bracket For Light Duty Vehicle” in Journal of Emerging Technologies and Innovative Research (**JETIR, UGC**), Volume 6 Issue 5, May 2019 ISSN: 2349-5162
 27. **Ashish R. Pawar**, Dr. K. H. Munde, Vidya Wagh, “Stress Analysis of Crane Hook with Different Cross Section Using Finite Element Method” in Journal of Emerging Technologies and Innovative Research (**JETIR, UGC**), Volume 6 Issue 1, Jan 2019 ISSN: 2349-5162, pp. 79-83
 28. **Ashish R. Pawar**, Dr. K. H. Munde, Mahesh Mestry, “Pre-Stressed Modal Analysis of Composite Bolted Structure” in Journal of Emerging Technologies and Innovative Research (**JETIR, UGC**), Volume 5 Issue 7, July 2018 ISSN: 2349-5162
 29. **Ashish R. Pawar**, Kashinath Munde, Vijay Kalantre, “Topology Optimization of Driver Cabin Mounting Bracket of Heavy Commercial Vehicle” in International Journal of Science & Engineering Development Research (**IJSER**), Volume 3, Issue 7, July 2018 ISSN: 2455-2631
 30. **Ashish R. Pawar**, Kashinath Munde, Vijay Kalantre, “Topology Optimization of Front Leaf Spring Mounting Bracket” in International Journal of Science & Engineering Development Research (**IJSER**), Volume 3, Issue 7, July 2018 ISSN: 2455-2631
 31. **Ashish R. Pawar**, Prof. D. P. Kamble, Kapil Sawant, “Design and Development of Forward Reverse Module for Tractor Transmission” in International Research Journal of Engineering & Technology (**IRJET**), Volume 5, Issue 7, July 2018 ISSN: 2395-0056
 32. **Ashish R. Pawar**, Prof. D. P. Kamble, Vilas Randive, “Finite Element Analysis of Inner Boom for 3Tonn Telescopic Forklift” in International Research Journal of Engineering & Technology (**IRJET**), Volume 5, Issue 7, July 2018 ISSN: 2395-0056
 33. **Ashish R. Pawar**, Anshul Jain, “Stress Analysis of Accelerated Pedal in Composite Material” in International Journal of Research Trends in Engineering & Research (**IJRTER**), Volume 03, Issue 12, December 2017 ISSN: 2455-1457.
 34. **Ashish R. Pawar**, Anshul Jain, Ganesh Kondhalkar, “Design & Analysis of Accelerator Pedal for Four-Wheeler Commercial Vehicle” in International Journal for Scientific Research & Development (**IJSRD**), Volume 5, Issue 10, 2017 ISSN (online): 2321-0613.
 35. **Ashish R. Pawar**, Mr. Dnyaneshwar Bagde, Dr. K. H. Munde, “Design and Optimization of Process Parameter Causing Crack Defect in Draw Component of Sheet Metal Forming By Using FEA” in International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences (**IJIRMP**), Volume 5, Issue 6, November-December 2017 ISSN: 2349-7300
 36. Prashant D. Patel, **Prof. Ashish Pawar**, Prof. G.E Kondhalkar, “Effect of Shape on Vibration Characteristics of Automotive Side Panel” in International Journal of Research Trends in



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- Engineering & Research (**IJRTER**), Volume 03, Issue 12, December 2017 ISSN: 2455-1457.
37. **Ashish R. Pawar**, Madhuri V. Bodke, Aditya R. Wankhade, “Static Structural Analysis & Optimization of Concept Automotive A-Arm” in International Journal of Research Trends in Engineering & Research (**IJRTER**), Volume 03, Issue 12, December 2017 ISSN:2455-1457.
 38. **Prof. Ashish R. Pawar**, Ashwini Gawande, G.E. Kondhalkar “Static Structural Analysis and Optimization of Brake Pedal” in International Research Journal of Engineering & Technology (**IRJET**), Volume 4, Issue 5, May-2017 e-ISSN: 2395 -0056
 39. **Prof. Ashish R. Pawar**, Rupa Sharma, Vrushabh Rakhade, Shraddha Akolkar, Yamini Tupe, Nilesh Thite, “A Review on Material Handling System using PLC control for Sugar Transportation” in (**IJRET**) International Journal of Research in Engineering & Technology, Volume 6, Issue 3, March 2017 eISSN: 2319-1163
 40. **Ashish R. Pawar**, Vikram Sirsat, Kiran Narkar, Narayan Avhale, “Optimization of Hammering Barrel for Life Enhancement by Wear Reduction” in International Research Journal of Engineering & Technology (**IRJET**), Volume 3, Issue 7, July-2016 e-ISSN: 2395 -0056
 41. Kiran G. Shinde, **Ashish R. Pawar**, Hemant Kadam, “Electronic Direct Digital Control (DDC) Panel using Mechanical Vibration Exciter” in International Research Journal of Engineering & Technology (**IRJET**), Volume 3, Issue 6, June-2016 e-ISSN: 2395 -0056
 42. **Ashish R. Pawar**, Kiran G. Shinde, Tapobrata Dey, Kiran Narkar, “Study on High-Speed Spin Test of Hydraulic Dynamometer by Test Rig Facility” in International Research Journal of Engineering & Technology (**IRJET**), Volume 3, Issue 5, May-2016 e-ISSN: 2395 -0056.

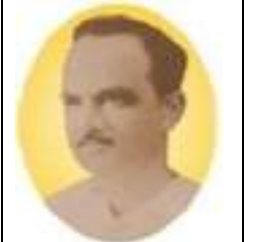
Conference:

1. Presented at National Conference on Technical Revolution (**NCTR-19**) on “**Stress Analysis of Crane Hook with Different Cross Section Using Finite Element Method**”
2. Presented at National Conference on Technical Revolution (**NCTR-19**) on “**Investigation of Buckling for Corner Supports Used in Packaging of Home Appliances**”
3. Presented at National Conference on Technical Revolution (**NCTR-19**) on “**A Review on Dry Wear Rate Analysis of Brass Using Pin on Disc**”
4. Presented at National Conference on Technical Revolution (**NCTR-19**) on “**Application of Taguchi Design Parameter Method for Face Milling of Cast Steel on Vertical Machining Centre**”
5. Presented at National Conference on Technical Revolution (**NCTR-18**) on “**Experimental Investigation of Contact Properties Between Dry-Running Mating Polymer Gear Teeth**”



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Using a Variety of Dry Film Lubricants”

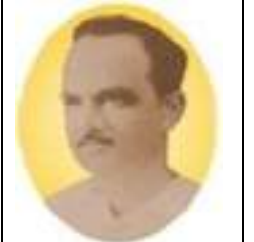
6. Presented at National Conference on Technical Revolution (NCTR-18) on “**A Review on Friction Stir Welding Studies on Mild Steel**”
7. Presented at National Conference on Technical Revolution (NCTR-18) on “**Mechanical Properties of Composite Materials Reinforced in Ceramic Particles**”
8. Presented at National Conference on Technical Revolution (NCTR-18) on “**Molding Process Induced Anisotropy Effect on Buckling Analysis of Fibber-Filled Plastic CRC Push Rod**”
9. Presented at National Conference on Technical Revolution (NCTR-18) on “**A Review on Catalytic Converter for Automatic Exhaust Emission**”
10. Presented at National Conference on Technical Revolution (NCTR-18) on “**Application of Topology Optimization Techniques in Automotive Structures Component Design**”
11. Presented at National Conference on Technical Revolution (NCTR-18) on “**Development of Flexible Manufacturing System Using Polman T-100 as a Casting Component**”
12. Presented at National Conference on Technical Revolution (NCTR-17) on “**Numerical Analysis of Vehicle Climate Control System Instrument Panel Duct for improved Conditioned Air Flow**”
13. Symposium on Technological Innovation & Entrepreneurship Development by HPCL, Pune on “**Design & Development of High Speed Spin Test Rig Facility for Confirmation of Bearing Alignment for Rotating Systems**”
14. 2nd Post Graduate Conference of Mechanical Engineering MECHPGCON-2016 by Savitribai Phule Pune University on “**Design and Development of High-Speed Spin Test Rig Facility for Rotating Systems**”
15. Attended MECHPGCON 2015, 1st Post Grad. Conference of Mechanical Engineering SPPU.
16. Attended **DYP ENERGY SYMPOSIUM-2018** on Renewable Energy at Mechanical Engineering Department at DY Patil International University, Akurdi, Pune in Sep. 2018.

Patents:

1. WASTE EGGSHELL BASED ECO CATALYST FOR TRANSESTERIFICATION REACTION- **App. No.202141022346 A**, Publication Date: **18/06/2021**
2. DESIGN OF EXPERIMENTAL SETUP FOR MACHINERY COMPONENT FAILURE DIAGNOSTICS AND DYNAMIC LIFE PREDICTION BY SIGNAL ACQUISITION- **App. No. 201921010383**
3. BIO-METRIC E-SYSTEM FOR CASHLESS TICKETING, MAINTENANCE OF TRANSIT



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RECORDS IN BUS TRANSPORTATION- **App. No. 201721046437 A**, Publication Date: **05/01/2018**

4. A METHOD TO REDUCE THE NUMBER OF SPOT WELDS FOR A PASSENGER CAR WHEEL – **App. No. 202221023899 A** , Publication Date: **26/05/2022**
5. A DESIGN AND FORMULATION OF SOLAR PANEL COMPATIBLE FOR WIND LOAD – **App. No. 202221023895 A** , Publication Date: **26/05/2022**
6. A COMPOSITION METHOD OF AN AL-SIC METAL MATRIX COMPOSITE MATERIAL – **App. No. 202221023897 A** , Publication Date: **26/05/2022**
7. A METHOD FOR FRONT AXLE DESIGN WITH DIFFERENT MATERIALS – **App. No. 202221023898 A** , Publication Date: **26/05/2022**
8. A METHOD AND FORMULATION OF AGAVE FIBRE REINFORCED COMPOSITES – **App. No. 202221023903 A** , Publication Date: **26/05/2022**
9. A DESIGN OPTIMIZATION AND VALIDATION FOR A VACUUM CHAMBER – **App. No. 202221023900 A** , Publication Date: **26/05/2022**
10. A METHOD FOR STRUCTURAL ANALYSIS AND WEIGHT OPTIMIZATION OF INTEGRATED STEERING KNUCKLE – **App. No. 202221023896 A** , Publication Date: **26/05/2022**
11. A METHOD FOR DESIGN OF A PASSIVE SUSPENSION SYSTEM BY USING GA/ANN – **App. No. 202221023901 A** , Publication Date: **26/05/2022**
12. A METHOD FOR DESIGN & ANALYSIS OF AIR SUSPENSION SYSTEM FOR 2DOF QUARTER HEAVY GOODS VEHICLE– **App. No. 202221023902 A** , Publication Date: **26/05/2022**
13. A METHOD AND FORMULATION OF JUTE FIBER COMPOSITE AT DIFFERENT PLY ORIENTATIONS- **App. No. 202221023904 A** , Publication Date: **26/05/2022**

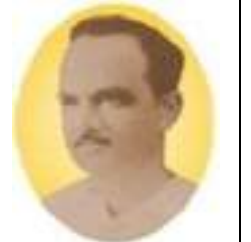
WORKSHOP/STTP/SYMPOSIUM/SEMINAR/WEBINAR ATTENDED

Sr. No.	Name of STTP Program/Workshop	Place/Institute Name	No. of Days	Month & Year
1.	Workshop on Syllabus Setting For Finite Element Analysis of B.E. (Mechanical – 2015 Course)	BRACT's Vishwakarma Institute of Information Technology, Kondhwa, Pune	1	Feb 2018



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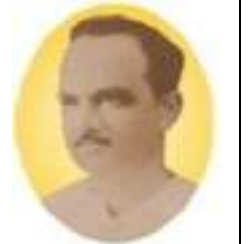
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2.	Workshop on Setting of Revised Syllabus for the Subject CAD/CAM & Automation of B.E. (Mechanical-2015 Course)	Modern Education Society's College of Engineering, Pune	1	Feb 2018
3.	Workshop on Setting of Revised Syllabus for the Subject Robotics of B.E. (Mechanical-2015 Course)	Modern Education Society's College of Engineering, Pune	1	Feb 2018
4.	DYP Energy Symposium-2018	DY Patil College of Engineering, Akurdi, Pune	1	Sep 2018
5.	International Workshop on Advances in Mechanical Engineering (IWAME)-2019	Pune Vidyarthi Griha's College of Engineering & Technology, Pune	2	Mar 2019
6.	Workshop under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, MHRD, Govt. of India on Moodle - Learning Management System	Indian Institute of Technology, Bombay	1	Mar 2019
7.	One day Workshop on MATLAB EXPO 2019 (New in MATLAB)	JW Marriot, S B Road, Pune	1	May 2019
8.	Workshop under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, MHRD, Govt. of India on Scilab	Indian Institute of Technology, Bombay (FOSSEE)	1	May 2019
9.	STTP on NBA Accreditation and SAR Preparation	NITTTR, Kolkata	7	April 2020
10.	FDP on Design, Simulation and Development of Unmanned Aerial Vehicles (Drones) and Applications in Various Engineering Sectors	NAFEMS in Association with RIT, Islampur and Ramchandra College of Engineering, Eluru, Andhra Pradesh	7	May 2020
11.	Workshop on Structural Dynamics	K K Wagh Institute of Engineering Education and Research, Nashik	1	May 2020
12.	Virtual Assessment Program on Awareness about Alternative Fuels	Aarupadai Veedu Institute of Technology (AVIT),	1	May 2020



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	Research	Chennai in Association with SAE INDIA		
13.	Faculty Development Program on Revolution in Engineering	Sandip University, Nashik	7	May 2020
14.	Online STTP on Latest Trends in Mechanical Engineering and Technology in Association with ISHRAE Nagpur Chapter	Priyadarshini Bhagwati Collee of Engineering, Nagpur	7	May 2020
15.	Online Faculty Development Program on Python Programming	Bharati Vidyapeeth's College of Engineering for Women, Pune in Association with 9LEDGE PRO	6	May 2020
16.	International Online Faculty Development Program by IQAC in Association with Patlex Business Solutions on INNOVATION, IPR & ENTERPRENEURSHIP	Pillai HOV College of Arts, Science and Commerce, Rasayani	7	May 2020
17.	Online Faculty Development Program on OUTCOME BASED EDUCATION: A STEP TOWARFS EXCELLENCE	Government College of Engineering, Karad, Maharashtra	7	May 2020
18.	Training Program on OpenFOAM	Sir Visvesvaraya Institute of Technology, Chincholi in Association with IIT, Bombay	1	May 2020
19.	Webinar on IoT-Mechanical Engineering Perspective & Case Studies	Amrutvahini College of Engineering, Sangamner	1	May 2020
20.	Workshop on Solar Photovoltaic Systems: Opportunities for Freshers & Solar Thermal Technologies & Its Applications	Anantrao Pawar College of Engineering & Research, Pune	1	May 2020

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21.	Workshop on Electric Vehicle-Career & Business Opportunity	Anantrao Pawar College of Engineering & Research, Pune	1	May 2020
22.	Webinar on Indian & International Automotive Regulations Overview	Anantrao Pawar College of Engineering & Research, Pune	1	May 2020
23.	Webinar on “Fracture Mechanics Approach in Design Engineering, & Research Opportunities in Gear Mechanics”	Sinhgad Academy of Engineering, Kondhwa, Pune	1	May 2020
24.	Online Short Term Training Programing on 'Patenting for Innovations'	Sanjivani College of Engineering Kopargaon, Dist- Ahmednagar.(MS)	7	May 2020
25.	Webinar on Role of Mechanical Engineering in Space Technology Development	Vel Tech High Tech Dr. Rangajan Dr. Sakunthala Engineering College, Tamilnadu	1	June 2020
26.	Webinar on Material, Design & Testing Webinar Series (Material Characterization)	Pimpri Chinchwad College of Engineering, Pune	1	June 2020
27.	Webinar on Noise Vibration & Harshness Webinar Series (Active Vibration Control in Truck System)	Pimpri Chinchwad College of Engineering, Pune	1	June 2020
28.	Webinar on Noise Vibration & Harshness Webinar Series (Acoustic Material Testing and Characterization)	Pimpri Chinchwad College of Engineering, Pune	1	June 2020
29.	Certificate Program Certified Lean Six Sigma - Green Belt	Vishwakarma Institute of Information Technology, Pune in association with Fluid Controls Pvt. Ltd.	7	June 2020
30.	Webinar GAS TURBINE AND SPACE PROPULSION	FRANCIS XAVIER Engineering College (An Autonomous Institution), Tirunelveli, Tamilnadu	1	June 2020



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31.	Online Webinar on Intellectual Property Rights Patent Application and Filings	Sinhgad Institute of Technology and Science, Narhe, Pune	7	June 2020
32.	Online Faculty Development Program (FDP) on Research Techniques and Sustainable Development in Mechanical Engineering	Aldel Education Trust's St. John College of Engineering and Management, Palghar is Association with CEMS, ISHRAE Mumbai Chapter & ISTE Student Chapter	5	July 2020
33.	Online FDP on Control Systems & Sensors Technology	AICTE Training And Learning (ATAL) Academy organized by Indian Institute of Information Technology, Nagpur in association with AICTE	1 Week	21-25 Sept 2020
34.	Online FDP on Engineering Law	AICTE Training And Learning (ATAL) Academy organized by Vishwakarma Institute of Information Technology in association with AICTE	1 Week	18-22 Jan 2021
35.	Online Syllabus Implementation Workshop on Kinematics of Machinery (SE Mechanical 2019 Course)	Organized by Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering, Baramati, Pune	1	18 Feb 2021