

	Name	Prof. Dadaso D. Mohite		
	Designation	Assistant Professor		
	Department	Mechanical Engineering		
	Qualification	B.Tech. (Mechanical Engineering) M.E. Mechanical (Design Engineering)		
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	Experience	Teaching:	6.5 Years (till July-21)	Industry/ Research:

Title of PhD Thesis/M. Tech. Dissertation	An Investigation on Effect of Dressing Parameters for Minimum Surface Roughness using CNC Cylindrical Grinding Machine			
Research Area	Mechanical Machine Design, CAD/CAM, Heat Transfer			
Publications	International Journal (S):	11	National Journal (S):	00
	International Conference (s):	03	National Conference (s):	01
Research Metrics	Google Scholar Citations: 27 H Index: 04 & I-10 Index: -01	SCOPUS Citations: - H Index: -	Web of Sci. citations: - H Index: -	
Publication Details	Academic Year: 2021-22			
	<p>[1] Prachi Dixit, Dadaso D. Mohite, Vishnu Yadav, Tanish Srivastava, Abhishek Srivastava, " A New Approach to Design Sanitizing Machine by using Automated Guided System," International Journal of Research in Engineering and Applied Sciences (IJREAS), vol. 11, no. 8, pp. 1-11, August 2021.</p> <p>[2] Dadaso D Mohite, Kapil Agrawal, Kundan Kumar, Avirup Deb, "Technical Aspects of Multipurpose Weed Cutter or Power Weeder," International Journal of Enhanced Research in Science Technology & Engineering (IJERSTE), vol. 10, no. 7, pp. 35-40, July 2021.</p>			
Publication Details	Academic Year: 2020-21			
	<p>[1] Neeladri S Bose, Dadaso D Mohite, Vibhor Chaturvedi, Harsh Toraskar, "Design and Analysis of Hook Nut for a 75 Tonne EOT-Crane," International Journal of Trend in Scientific Research and Development (IJTSRD), vol. 5, no. 1, pp. 536-540, Dec. 2020.</p> <p>[2] Dadaso D. Mohite, M Aditya, "A Comparative Study on Improving the Riding Comfort of Indian Railway Coaches: Review on Literature," International Journal of Engineering and Designing Innovation (IJEDI), vol. 2, no. 3, pp. 1-4, June 2020.</p> <p>[3] Amit Sachdeva, Dadaso D Mohite, "Recent Development in Green Fuel Vehicles and their Future Advancements," International Research Journal of Engineering and Technology (IRJET), vol. 7, no. 10, pp. 1175-1192, Oct. 2020.</p>			

	<p>Academic Year: 2019-20</p> <p>[1] D. D. Mohite, Sagar Mollah, Shagorika Bagchi, Aditya Narain Singh, "Design of Hybrid Rollator cum Walker for Elderly: Review on Literature," The International journal of analytical and experimental modal analysis, vol. 12, no. 1, pp. 1108-1111, Jan. 2020.</p> <hr/> <p>Academic Year: 2016-17 to 2017-18</p> <p>[1] Dadaso D. Mohite, S. M. Jadhav, "An Investigation of Effect of Dressing Parameters for Minimum Surface Roughness using CNC Cylindrical Grinding Machine," International Journal of Research in Engineering and Applied Sciences, vol. 6, no. 6, pp. 59-68, June 2016.</p> <p>[2] Dadaso D Mohite, Neeraj Tiwari, Sandeep Sontakke, Udayshankar Mishra, "Modelling and Optimization of Dressing Parameters of CNC Cylindrical Grinding Wheel for Minimum Surface Roughness," International Journal of Engineering Research and General Science, vol. 4, no. 4, pp. 102-111, Aug. 2017.</p> <p>[3] Kshitij R Patil, Rupesh J Karande, Dadaso D. Mohite, Vishwas S Jadhav, "Modeling and Optimization of Cylindrical Grinding Parameters for MRR and Surface Roughness," International Journal of Engineering Sciences & Research Technology, vol. 6, no. 4, pp. 498-503, April 2017.</p> <p>[4] Mr. Rupesh J. Karande, Mr. Kshitij R. Patil, Prof. S. M. Jadhav, Prof. R. K. Nanwatkar, Mr. Dadaso D Mohite, "Optimization of Cylindrical Grinding Machine Parameters for Minimum Surface Roughness and Maximum MRR," GRD Journals- Global Research and Development Journal for Engineering, vol. 2, no. 5, pp. 62-68, April 2017.</p> <p>[5] Dadaso D. Mohite, Sainand M. Jadhav, Vishwas S. Jadhav, "Optimization of Dressing Parameters of Grinding Wheel," International Journal of Engineering Science and Technology (IJEST), vol. 9, no. 09s, pp. 33-39, Sept. 2017.</p>
<p>Conference Attended</p>	<p>[1] Presented a research paper titled, "Nanomaterials in Automotive Applications: A Review and Its Technical Aspects," in "4th international Conference on Ideas, Innovations, impact in Science and Technology," during 17th -18th June, 2021, organized by Department of Mechanical, E&Tc Engineering, Smt. Kashibai Navale College of Engineering, Pune.</p> <p>[2] Presented a research paper titled, "Design and Analysis of Advanced Walker cum Rollator," in "International Conference on Innovations in Product, Process and System Design (ICIPPSD – 2021)," during 05th -06th March, 2021, organized by Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore (MP).</p> <p>[3] Presented a research paper titled, "Optimization of Dressing parameters of Grinding Wheel" in "International Conference on Design and Manufacturing (IconDM-2016)", during Dec. 16-17, 2016, organized by IITDM, Kancheepuram, Chennai and sponsored by IEEE.</p> <p>[4] Presented a research paper in 2nd Mechanical PG Conference 2016 on "Modeling and optimization of Dressing Parameter for Minimum Surface roughness in CNC Angular Grinding Machine" held during 22nd and 23rd June 2016 at Dr. D. Y. Patil Institute of Engineering & Technology Pimpri, Pune.</p>

**Workshop/
Seminar/
FDP/STTP**

- [1] Attended Two-week Online Faculty Development Program on **“Advances in Composite Materials, Manufacturing Processes and Optimization Techniques”**, from 1st-14th June 2021 organized by Academy of Maritime Education and Training (Deemed to be University), Chennai.
- [2] Attended One-week Online Faculty Development Program on **“Emerging Technologies in Product Design & Development”**, from 14th -18th June 2021 organized by Government College of Engineering, Chandrapur under AICTE Training and Learning (ATAL) Academy.
- [3] Attended One-week Online Faculty Development Program on **“Design and Development of Electrical Vehicle”**, from 9th -13th July 2021 organized by Francis Xavier Engineering College, Tirunelveli, Tamil Nadu under AICTE Training and Learning (ATAL) Academy.
- [4] Completed a Professional Development Program on **“Nano-Engineered Materials for Aircraft and Auto Applications”** held on 04-07th Jan, 2021 organized by SAE India in collaboration with The School of Nanoscience and Nanoengineering (JSNN), North Carolina A&T State University, USA.
- [5] Participated in the IIC Sessions Conducted by Institution’s Innovation Council (IIC) of MHRD’s Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020.
- [6] Attended one-week Online Faculty Development Program on **“Outcome Based Education: A Step towards Excellence”** from 11-15th May 2020 under Margdarshan Scheme of AICTE, New Delhi.
- [7] Attended a workshop and Faculty Development Programme on **“High Impact Factor”**, as set forth by Dale Carnegie & Associates, Inc. at Bharati Vidyapeeth (DU), COE, Pune in Feb. 2019.
- [8] Completed Short Term Training Program on **“NAAC Awareness Programme for Faculty,”** from 8-14th May 2020, organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune.
- [9] Attended one-week Online Faculty Development Program on **“Research Opportunities and Challenges in Manufacturing Sector”**, from 01-06th June 2020, organized by Department of Mechanical Engineering, SVERI’s College of Engineering, Pandharpur, Maharashtra.
- [10] Attended one-week Online Faculty Development Program on **“Revolution in Engineering Education”**, from 04-08th May 2020, organized by Sandip Institute of Engineering & Management, Nashik, Maharashtra.
- [11] Attended one-week Online Faculty Development Program on **“Advanced Optimization Tools & Techniques for Researchers & Engineers”**, from 23-27th May 2020, organized by SKN Sinhgad College of Engineering, Pandharpur, Maharashtra.
- [12] Participated in Two-days State Level Workshop under Quality Improvement Program on **“Recent Trends in Mechatronics and Electric Vehicles”** held on 28-29th Jan 2020, Organized by Department of Mechanical Engineering, PES’s Modern College of Engineering and SPPU, Pune.
- [13] Attended One-week Faculty Development Program On **“Research Opportunities in Advanced Manufacturing Processes”** from 22nd-28th June 2020 organized by Department of Mechanical Engineering, BV (DU), COE, Pune.

	<p>[14] Attended one-week TEQIP- Online Faculty Development Program on “Machine Learning and Deep Learning Applications in Engineering and Science (MLDLAES-2020)”, from 16-20th May 2020, organized by Department of Civil Engineering, Government College of engineering, Karad, Maharashtra.</p> <p>[15] Attended One-week Faculty Development Program On “Research in Energy Technologies” from 6th-11th July 2020 organized by Department of Mechanical Engineering, BV (DU), COE, Pune.</p> <p>[16] Attended One-week Faculty Development Program On “Innovative Approaches in Management” from 13th-19th July 2020 organized by Department of Production Engineering, BV (DU), COE, Pune.</p> <p>[17] Attended Online Faculty Development Program on “Research Methodology”, from 26-30th May 2020, organized by Padm. Dr. V. B. Kolte College of Engineering, Malkapur, Maharashtra.</p> <p>[18] Completed one-week Short Term Training Program on “Assessment and Evaluation under Outcome Based Education,” from 10-14th June 2019, organized by National Institute of Technical Teachers’ Training and Research, Kolkata.</p>
Workshop/ Seminar/ Conference Organized	<p>[1] Organized one-week Online Faculty Development Program on “Recent Advanced in Mechanical Engineering Design”, from 20-24th July 2021 in BV (DU), COE, Pune under AICTE Training and Learning (ATAL) Academy.</p> <p>[2] Organized one-week Online Faculty Development Program on “Robotics”, from 24-28th Nov 2020 in BV (DU), COE, Pune under AICTE Training and Learning (ATAL) Academy.</p> <p>[3] Organized 140 hrs Online Internship Program for B.Tech Mechanical Sem-VII students, in the month of May and June 2020; in Department of Mechanical Engineering, BV (DU), COE, Pune.</p> <p>[4] Organized one-week Online Faculty Development Program on “Future Material: Nanocomposite”, from 15-21st June 2020 in Department of Mechanical Engineering, BV (DU), COE, Pune.</p>
Research Projects Completed/ Undergoing	<p>[1] Completed a Project on “Design and Analysis of Advanced Walker cum Rollator” in June 2020.</p> <p>[2] Completed a Research Project on “Enhancement of Rate of Heat Transfer Using Dimpled Fin”, in Feb. 2020.</p> <p>[3] Working on a Project, “Design and Analysis of Advanced portable Farming Machine”, from June 2020.</p>
Extra Activities	<p>[1] In-charge: - Department Timetable and TOM laboratory, BV (DU), COE, Pune</p> <p>[2] In-charge: In plant Training, Department of Mechanical Engineering, BV (DU), COE, Pune</p> <p>[3] In-Charge: Internship Cell, under IIC-3.0, BV (DU), COE, Pune</p>