

	Name	Dattatray Bhagawan Jadhav		
	Designation	Assistant Professor		
	Department	Mechanical Engineering		
	Qualification	M. E. Mechanical (CAD/CAM)		
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	Experience	Teaching:	15 years 7 month	Industry/ Research:

Title of PhD Thesis/ M. Tech. Dissertation:	Effect of Process parameters on performance measure of hybrid electrochemical machining.			
Research Area	Advanced Manufacturing Technology, Hybrid machining, CAD/CAM			
Research Publications	International Journal (s):	13	National Journals (s) :	00
	International Conference (s):	00	National Conference:	01
Research Metrics	<i>Google Scholar Citations:</i> <i>H Index: & I 10 Index: 2, 0</i>	<i>SCOPUS Citations:</i> <i>H Index: 2</i>	<i>Web of Science citations:</i> <i>H Index: 0</i>	
Publication Details	<p>Publications in International Journals</p> <ol style="list-style-type: none"> Jadhav D.B., Jadhav P.V., Bilgi D.S., “Anodic Dissolution of Gamma Titanium Aluminide GE 48-2-2, TNM B1 and TNB V5 Materials using Electrochemical Machining Electrolytes for Aviation Application”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol.10, Issue - 3, June 2020, pp. 11001-11010. Pravin Kumar, Pradeep Jadhav, Mahavir Beldar, D.B. Jadhav, Abhay Sawant, “Review Paper on ECM, PECM and Ultrasonic Assisted PECM”, Materials Today Proceedings, Vol. 5, Issue 2, Part 1,2018, pp. 6381-6390, [ISSN 2214-7853] D B Jadhav, Prof. P. V. Jadhav , Prof. D S Bilgi , A. A. Sawant, “Experimental Investigation of MRR on Inconel 600 using Ultrasonic Assisted Pulse Electrochemical Machining”, International Conference on Mechanical, Materials and Renewable Energy,377 2018, pp.1-12.[ISSN 1757-899X] "Development of an Electrochemical Machine Set up and Experimentation /I International Journal of Engineering Research and General Science (IJERGS}, Vol. 4, Issue 3, May June 2016 ,pp.652-659.ISSN. 2091-2730. "Experimental Investigation on MRR of Pulse Electrochemical machining {PECM} based on Taguchi Method, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 3, Issue 1, 2014, pp.8800-8809. 			

	<ol style="list-style-type: none"> 5. "A study of free vibration analysis of fixed free configuration beams using EMA Techniques" <i>Indian Journal of applied Research (/JAR)</i>, pp. 597-599, June. 2015, Vol. 5, issue 6, ISSN. 2249-555X. 6. "Design and Development of a Multi-Configuration Beam Vibration Test Setup" <i>International Journal of Mechanical Engineering and Technology (IJMET)</i>, pp. 25-33, May. 2015, Vol. 6, issue 5, ISSN. 0976-6359. 7. "CFO Analysis of Electrolyte flow Pattern in Pulse Electrochemical machining" <i>International Journal of Engineering Innovations and Research (IJEIR)</i>, pp. 358- 364, June 2014 , vol 3,issue3, impact factor 3.12, ISSN. 2277-5668. 8. "CFO Analysis of Electrolyte flow Pattern in Pulse ECM and to Optimize Process Parameters for Circular Tool" <i>International Journal of Engineering Research and General Science (IJERGS)</i>, pp. 266--275, June 2014 impact factor 3.843, ISSN. 2091-2730. 9. "Synthesis and Parametric Investigation of Nanofibers by Using Electrospinning Process" <i>PARIPEX- INDIAN JOURNAL OF RESEARCH</i>, pp. 101-103, June. 2013, Vol.3, Issue.5, ISSN. 2250-1991. 10. "Enhancement in Mechanical Properties by VARTM Process & Nylon Nanofibers in Advanced Composite Material" <i>PARIPEX- INDIAN JOURNAL OF RESEARCH</i>, pp. 112-114, June. 2013, Vol.3, Issue.5, ISSN. 2250-1991. 11. "Enhancement of Surface finish for CNC turning cutting parameters by using Taguchi Method" <i>PARIPEX- INDIAN JOURNAL OF RESEARCH</i>, pp. 88-91, June. 2013, Vol.3, Issue.5, ISSN.2250-1991. 12. "Comparative Analysis of Viscoelastic Material support for rotating Machinery" <i>INDIAN JOURNAL OF APPLIED RESEARCH</i>, pp. 63-67, Dec. 2012, Vol.2, Issue.3, ISSN. 2249-555X. <p>Publications in Conference Proceedings</p> <ol style="list-style-type: none"> 1. "Modelling and Analysis of Sugar Mill Housing Using Finite Element Method" <i>National Conference on Recent Advances in Manufacturing Technology {RAMT- 2005}. Department of Mechanical Engineering National Institute of Rourkela and Institute of Engineers{IEI} Rourkela Local Centre ,Orissa, October 22-23, 2005.</i>
<p>Workshop/ Seminar/ Conference attended</p>	<p>Workshop/ Seminar/Conference Attended</p> <ol style="list-style-type: none"> 1. ATAL course on Hybrid Electric Vehicle 1-5 Feb 2019. 2. NPTEL online Certification course Introduction to Mechanical Micromachining with 70% consolidated score during Jan –Apr 2019. 3. NPTEL online Certification course Basics of Finite Element Analysis I with 88% consolidated score during Feb –Apr 2019. 4. Five Days Proficiency Improvement Program (Certification Course) on "Advanced Material and Characterization" organised by Automotive Research Association of India (ARAI), Pune at ARAI-FID, Chakan from 2-6 Jan 2017.

5. One Week Global Initiative of Academic Network (GIAN) course on "Micro and Nano Manufacturing Processes" held at IIT Madras during 5-10 December 2016.
6. Five-day faculty Training program on Automation studio, Pro-simulator (Power Plant Simulator), Delcam (CAD CAM simulation), Witness Simulation and CNC Simulator, held at the BVDU college of Pune between 29June-03 July 2016.
7. Two-day faculty development program on CAD-CAM automation Using Delcam, open CIM/FMS and Witness, Power plant simulation, pneumatics and mechatronics, held at the PVG college of Eng. and technology Pune on 1st&19th September 2015.
8. One Week AICTE Sponsored Short Term Course on "Micromanufacturing" held at IIT Kanpur during June 29- July 03,2015.
9. Two days' Workshop on "Design of Experiments" (DOE) at BVUCOE Pune-43, March 14-15, 2015.
10. Three Days Participation at 5th International and 26th All India Manufacturing Technology, Design and Research Conference AIMTDR 2014 organised by Department of Mechanical Engineering IIT Guwahati India from 12-14 Dec.2014.
11. 3rd Theme Meet on Micro Nano Technology in Service of Rural India, held at SVERI's College of Engineering, Pandharpur during April 25-26,2014.
12. One Week Quality Improvement Program on "Modelling and Simulation using Finite Element Methods" held at IIT Roorkee on 7-11Jan 2014.
13. Bharati Vidyapeeth University Sponsored Faculty Development Programme on "Quality Improvement Schemes of Various Funding Agencies" at BVUMC Pune-43, 19th October 2013.
14. TEQIP-11 Sponsored Workshop on "Personal Effectiveness and Career Progression" at BVUCOE Pune-43, 29th March 2013.
15. TEQIP sponsored one-week Interdisciplinary faculty development Program on "Research Methodology: Tools and Techniques" held at SGGS Nanded Maharashtra India on March 11-15, 2013.
16. TEQIP-11 Sponsored Workshop on "Key to Managing Personal Energy and Work Life Balance" at BVUCOE Pune-43, 21Feb. 2013.
17. TEQIP-11 Sponsored Workshop on "Good Teaching Practices and Challenges" at BVUCOE Pune-43, 25th Jan 2013.
18. One Day Workshop on "Geometry Modelling using Solid Works" held at P.E.S.'s Modern College of Engineering, Pune on Jan8-9,2010.
19. Industrial training at Marico Ltd. Jalgaon, Dec.5-7,2005.