

	<b>Name</b>	Pawar Amar Chandrakant		
	<b>Designation</b>	Assistant Professor		
	<b>Department</b>	Mechanical		
	<b>Qualification</b>	BE, ME (Design Engg), Ph. D (Pursuing)		
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	<b>Experience</b>	<b>Teaching:</b>	8.5	<b>Industry/ Research:</b>

<b>Title of M.E. Dissertation:</b>	"Detection of faults in a gear box system using vibration analysis method"			
<b>Research Area</b>	Design Engineering, Composite Material, Vibration			
<b>Research Publications</b>	<b>International Journal (s):</b>	03	<b>National Journals (s):</b>	00
	<b>International Conference (s):</b>	02	<b>National Conference:</b>	01
<b>Research Metrics</b>	<i>Google Scholar Citations: 14</i> <i>H Index: 2 &amp; I 10 Index: 0</i>	<i>SCOPUS Citations:</i> <i>H Index: 1</i>	<i>Web of Science citations:</i> 7 <i>H Index: 1</i>	
<b>Publication Details</b>	<p><b>Publications in International Journals</b></p> <ol style="list-style-type: none"> <li>1. A.C. Pawar , L.S. Dhamande, and V.J Suryawanshi "<b>Detection of Fault in Gear Box System using Vibration Analysis Method</b>", International Journal of Current Engineering and Technology, E-ISSN 2277 – 4106, P-ISSN 2347 – 5161, impact factor 5.126 1 Dec 2014.</li> <li>2. Amar Pawar, Yogesh Hinge, Mahesh Kotwal, Shivaji Harpale, "<b>Fault Detection Techniques in Two Stage Helical Gearbox by using Vibration Analysis</b>" International Journal of Innovative Research in Science, Engineering and Technology", ISSN (Online): 2319-8753, Vol. 5, Issue 5, impact factor 6, May 2016.</li> <li>3. Amar C Pawar, Harshil R Tamakuwala, Kuldip A Rade, "<b>Single stage vibration analysis using particle damping method and validation through design of experiment</b>", The International journal of analytical and experimental modal analysis, 2019/11 Vol.11, Issue XI, Page 879-887</li> </ol> <p><b>Publications in Conference Proceedings</b></p> <ol style="list-style-type: none"> <li>1. A.C. Pawar, L.S. Dhamande, and V.J Suryawanshi "<b>Faults detection methods in Gear System-A review</b>", International Conference on Design, manufacturing &amp; Mechatronics (ICDMM), 9-10 Jan 2014, on 9-10 Jan 2014 at Trinity College of Engineering, Pune. (ISET-2014).</li> <li>2. Amar C Pawar ,Vaibhav J Suryawanshi, , Shailesh P Palekar, Kuldip A Rade, "<b>Defect detection of composite honeycomb structure by vibration analysis technique</b>", <b>Materials Today: Proceedings</b>, Elsevier, 2020/1/23, Volume 27, Part 3, 2020, Pages 2731-2735</li> </ol>			

	<p>3. A C. Pawar, Harshil R Tamakuwala, K.A. Rade, <b>A Review on Performance of Particle Damper Method To Suppress The Vibrations For Different Applications</b>, Global journal of engineering science and researches (GJESR), Vol 3 Issue 3, page 62-68, NCRAES-2019 at BVCOE, Lavale, Pune.</p>
<b>Workshop/ Seminar/ Conference Organized</b>	<ol style="list-style-type: none"> <li>1. Workshop on 3D printing organized by BV DUCOE, Pune</li> <li>2. Workshop on “Research in Energy Technology” by BV DUCOE, Pune</li> <li>3. AICTE-ATAL FDP on “Recent Advances in Mechanical Engineering Design”</li> </ol>
<b>Workshop/ Seminar/ Conference attended</b>	<p><b>Workshop/ Seminar/Conference Attended</b></p> <ol style="list-style-type: none"> <li>1) Participants in International Symposium on Engineering and Technology (ISET-2014) on 9-10 Jan 2014 at Trinity College of Engineering, Pune</li> <li>2) Workshop for “Condition monitoring of machine element using FFT vibration analyzer” (2014) at SRES COE, Kopergaon</li> <li>3) Workshop on “MATLAB” at Trinity Academy of Engineering, Pune (2015)</li> <li>4) Participants in International Symposium on Engineering and Technology (ISET- 2015) on 10-11 Feb 2015 at Trinity College of Engineering, Pune.</li> <li>5) Participant in National workshop on “Research Methodology” on 6-10 Oct 2015 at Bharati Vidyapeeth Deemed University College of Engineering, Pune.</li> <li>6) Participant in National workshop on “Advance statistical method &amp; software tools for the analysis of data” Under TEQIP-II on 29<sup>th</sup> march to 02<sup>nd</sup> April. 2016 at Bharati Vidyapeeth Deemed University College of Engineering, Pune</li> <li>7) Participant in workshop on “Preparation of research proposals to funding agencies” Under TEQIP-II on 29<sup>th</sup> Dec 2016 to 02<sup>nd</sup> Jan.2017 at Bharati Vidyapeeth Deemed University College of Engineering, Pune</li> <li>8) Participant in National Seminar on “Research in Renewable Energy” Under TEQIP-II on 24th-25th Feb. 2017 at Bharati Vidyapeeth Deemed University College of Engineering, Pune.</li> <li>9) Participant in 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.</li> <li>10) Participant in one-week Online Faculty Development Program on “Future Material: Nano-composite”, from 15<sup>th</sup> -21<sup>st</sup> June 2020 in Department of Mechanical Engineering, BV (DU), COE, Pune.</li> <li>11) 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.</li> <li>12) Participated in one-week Online Faculty Development Program on “Research in Energy Technology”, from 6-11 July 2020 in Department of Mechanical Engineering, BV (DU), COE, Pune.</li> <li>13) Participated in Online Faculty Development Program on “Fault detection and diagnosis using FFT analyzer”, from 21-23 June 2021 in Department of Mechanical Engineering, Zeal College of Engineering &amp; Research, Pune.</li> </ol>

	14) Participated in one-week AICTE-ATAL Online Faculty Development Program on “Recent Advances in Mechanical Engineering Design”, from 20-24 July 2021 in Department of Mechanical Engineering, BV (DU), COE, Pune.
<b>Research Projects Completed/ Undergoing</b>	1. Working on a Project, “Fault detection of gear box using vibration analysis”, from June 2020.
<b>Professional Memberships</b>	International Academy for Science & Technology Education and Research (IASTER)
<b>Awards/ Achievements</b>	<ol style="list-style-type: none"> <li>1. External Examiner: Examinations of Savitribai Phule Pune University</li> <li>2. In-charge: - DOM laboratory, BV (DU), COE, Pune</li> <li>3. In-charge: NPTEL-SWAYAM, Department of Mechanical Engineering, BV (DU), COE, Pune</li> </ol>