


<b>Name of Faculty:</b> Mr. Shital Prakash Chavan	
<b>Designation:</b> Assistant Professor	
<b>Qualification:</b> M.E. Mechanical (Design Engineering)	
<b>Specialization:</b> Design Engineering	
<b>Official Email ID:</b> shitalchavan.dypcet@dypgroup.edu.in	
<b>Memberships</b>	<b>ISTE Membership</b>
<b>Courses Taught</b>	<ul style="list-style-type: none"> <li>• Kinematics of Mechanism and Machines</li> <li>• Theory of Machines</li> <li>• Design of Machine elements</li> <li>• Machine Design</li> <li>• Mechanical System Design</li> <li>• Noise and Vibrations</li> </ul>
<b>Roles and Responsibilities</b>	<ul style="list-style-type: none"> <li>• TOM Lab In charge</li> <li>• ERP Coordinator</li> <li>• Departmental Feedback Coordinator</li> </ul>
<b>Research Contribution</b>	<ul style="list-style-type: none"> <li>• Shital P Chavan, Sanjay H. Sawant, “ Experimental Verification of Passive half Car vehicle Dynamic System Subjected to Harmonic Road Excitations with Nonlinear Parameters” , International Conferecne on Challenging and Opportunities in Mechanical Engineering Industrial Engineering and Management Studies, July, 2012</li> <li>• Shital P Chavan, Sanjay H. Sawant, “Analysis of Nonlinear Passive Half Car Model Vehicle Dynamic System Subjected To Harmonic Road Excitation Using MATLAB Simulink” , International Journal of engineering Research and Technology, ISSN 0974-3154 Volume 5, Number 4 (2012), pp. 415-429</li> <li>• Mr. Shital P. Chavan<sup>1</sup> ,Prof. S.H.Sawant<sup>2</sup> “Experimental Verification of Passive Quarter Car Vehicle Dynamic System Subjected to Harmonic Road Excitation with Nonlinear Parameters”.IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) ISSN: 2278-1684, Volume 3 Feb 2013, PP: 39-45.</li> <li>• Mr. Amit Hingane, Prof. S. H. Sawant, Mr. S. P. Chavan, Prof. A. P. Shah, “Analysis of Semi active Suspension System with Bingham Model Subjected to Random Road Excitation Using MATLAB/Simulink”, IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) ISSN: 2278-1684,Volume 3, Feb 2013,PP:01-06.</li> <li>• Shital P Chavan, Prof. Dr.Sanjay H. Sawant, “Analysis of Quarter Car Passive Suspension System with Nonlinear Suspension Parameters”, International Journal</li> </ul>

	<p>of Scientific Research and Deveopment, ISSN 2321-0613,Volume 2,Issue 5, July 2014.</p> <ul style="list-style-type: none"> <li>• Prof.N.R.Kumbhar, Prof .Dr. S.H. Sawant, Prof. S.P.Chavan, “Analysis of Linear and Nonlinear Half Car Model Active Suspension System Subjected to Harmonic Road Excitations” International Journal of Technology and Research Advances”, Volume of 2014, Issue 7.</li> <li>• Mr. S. P. Chavan et al, “Rejection Analysis of a Nozzle Manufacturing Unit Using Root Cause Analysis Method”, International Journal of Advanced Information Science and Technology, ISSN: 2319-2682, Vol.45 No.45., Jan 2016.</li> <li>• Mr. S. P. Chavan et al, “Analysis of Half Car Passive Suspension System with Non Linear Suspension Parameters”, International Journal of Advanced Information Science and Technology, ISSN: 2319-2682 ,Vol .6 No.5.,PP-28-33, May 2017</li> </ul>
<p><b>FDP/Workshop Attended</b></p>	<p><b>1. Number of STTP's and Training Programme attended</b></p> <ul style="list-style-type: none"> <li>• Participated in one Week Faculty Development Programme on " A New ERA of Manufacturing : Opportunities and Challenges" organized by DYPCET,Kolhapur during 25th July to 30th July 2022.</li> <li>• Successfully completed the ISTE approved one week-short term training Prprogramme on “ Engineering Simulation with ANSYS” organized by ADCET, Ashta during 06th Jan 2021 to 10th Jan 2021.</li> <li>• Participated in one Week Short Term Training Programme on “Vibration Monitoring and Analysis Using FFT Analyzer”, organized by ADCET Ashta and ISTE New Delhi during 28th December 2015 to 1st January 2016.</li> <li>• Attended one Week “Faculty Induction Program’ organized by Faculty Development Cell of Dr. JJMCOE, Jaysinpur from 15th to 22nd July 2015.</li> <li>• Participated inOne Week STTP on “Developing Skills for Technical Pedagogy" held at ATS's SBGI, Miraj between 29th December 2014 to 2nd January 2015.</li> <li>• Attended one day training Program on “I. C. Engines Dismantling and Assembly Hands on Practice” on 23rd Dec. 2016 by Dr. JJMCOE</li> <li>• Participated in two days Faculty Training Program on “Application of Finite Element Analysis Using ANSYS-13” Department of Mechanical Engineering, Dr.JJMCOE, Jaysingpur, in Collaboration with CADCAMGURU Solutions Private Limited, Pune on</li> </ul>

	<p>3rd and 4th August 2013.</p> <ul style="list-style-type: none"> <li>• Attended a short Training Program on “ANSYS” during 1st March to 3rd March 2014 at Dr. JJMCOE, Jaysingpur in collaboration with Yashada Consultants, pune.</li> </ul> <p><b>2. Number of Workshops attended –</b></p> <ul style="list-style-type: none"> <li>• Participated in a Two-Week ISTE WORKSHOP on ‘Engineering Mechanics’ Conducted by Indian Institute of Technology Bombay, from 26th Nov to 06th Dec, 2013 at Dr.JJMCOE, Jaysingpur.</li> <li>• Attended workshop on ‘Recent Advances in Design’ at JJMCOE,Jaysingpur.</li> <li>• Attended workshop on ‘Vibration Monitoring Analysis and Fault Diagnosis of Machines’ at WCE, Sangli.</li> <li>• Participated in one day Workshop on “Applications and Hardware interface using MATLAB” organized by Faculty Development Cell of Electronics Department on 29th August 2015 at JJMCOE, Jaysingpur.</li> <li>• Attended one day workshop on “Fusion 360” organized by Mechanical Department of Dr. JJMCOE, Jaysingpur in Collaboration with Autodesk India Pvt. Ltd. On 22nd September 2015</li> <li>• Attended one day workshop on “Teaching Methodology in Design related and Interdisciplinary Subjects of T.E. Mechanical Part I and Part II Revised Syllabus of Shivaji University Kolapur”, Organized by Dr. JJMCOE, Jaysingpur on 14th August 2015.</li> <li>• Attended one Day workshop on “Teaching Methodology in subjects of B.E. Mechanical Part I and Part II New Syllabus” On 19th Aug. 2016 in JJMCOE sponsored by SU Kolhapur.</li> <li>• Attended two days workshop on “Stepping towards problem and project based learning:Introductory workshop” on 2nd and 3rd May 2018 in KITCOEK,Kolhapur.</li> <li>• Attended one Day workshop on “Syllabus Setting of S.E. Mechanical subjects according to CBCS Structure of shivaji University Kolhapur” Orgnized by TKIET, Warananagar.</li> <li>• Attended one week national level workshop on“ Digital Transformation and Pedagogies” at organized during 10th to 14th August 2020 by Government College of Engineering, Karad and Walchand College of Engineering, Sangli.</li> </ul>
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