


## ACADEMIC PROFILE

Name	SACHIN SURESH BARVE		
Date of Birth	27 <sup>TH</sup> JULY 1976		
Date of Joining	29 <sup>TH</sup> DEC 2010		
Designation at the time of Joining	ASST. PROFESSOR		
Current designation	ASST. PROFESSOR		
Personal Homepage	-----		
Phone (Office)	022 24198218		
Mobile	-----		
Email	ssbarve@me.vjti.ac.in		
<b>Academic Qualifications</b>			
<ul style="list-style-type: none"> <li>• M.E. Mechanical (specialisation in Machine Design) from (VJTI) University of Mumbai, Oct 2004</li> <li>• B.E. Mechanical from University of Mumbai, May 2000</li> <li>• Diploma in Mechanical Engg. , MSBTE, June 1994</li> </ul>			
<b>Career History</b>			
<ul style="list-style-type: none"> <li>• Working as Asst. Prof. in Dept. of Mechanical Engg at VJTI since Dec 2010</li> <li>• Worked as Lecturer / Asst. Prof. in Dept. of Mechanical Engg at KGCE Karjat from Nov 2000 to Dec 2010</li> </ul>			
<b>Areas of Academic Interest</b>			
<ul style="list-style-type: none"> <li>• Machine Design</li> <li>• Vibration</li> </ul>			
<b>Membership in Academic Bodies / Board of Studies / Editorial Board (Journals)</b>			
<ul style="list-style-type: none"> <li>• Life member of Tribology Society of India (TSI)</li> </ul>			
<b>Major Academic Publications</b>			
<ul style="list-style-type: none"> <li>• NIL</li> </ul>			
<b>Paper Presentations in National / International Journals (In last 5 years)</b>			
<ul style="list-style-type: none"> <li>• NIL</li> </ul>			
<b>Paper Presentations in National / International Conferences / Seminars (In last 5 years)</b>			
<ul style="list-style-type: none"> <li>• Gunti, Karan and Kulkarni, Sachin and Anare, Harshil and Kamble, Vikas and Barve, Sachin and Shukla, Dinesh, Innovative Layout of Gears for the Optimum Design of Gearbox of a Levelling Machine (December 21, 2017). International Conference on Advances in Thermal Systems, Materials and Design Engineering (ATSMDE2017). Available at <a href="http://dx.doi.org/10.2139/ssrn.3101361">http://dx.doi.org/10.2139/ssrn.3101361</a></li> <li>• Patel, Jay and Shetty, Drithi and Menghani, Ritika and Barve, Sachin, Optimization of an Oleo-Pneumatic Shock Absorber for Main Landing Gear of a Commercial Aircraft (December 21, 2017). International Conference on Advances in Thermal Systems, Materials and Design Engineering (ATSMDE2017). Available at <a href="http://dx.doi.org/10.2139/ssrn.3101400">http://dx.doi.org/10.2139/ssrn.3101400</a></li> <li>• Vinay Varier, Sachin Barve and Sachin Naik, "Application of nit riding treatments on EN 3 and EN 24 steels for rotating bending fatigue resistance" , International Conference on Recent Innovations and Developments in Mechanical Engineering NIT Meghalaya, Shillong, India, November 8 – 10, 2018 Paper No. IC-RIDME18: 17 <a href="https://doi.org/10.1007/978-981-15-0124-1_27">https://doi.org/10.1007/978-981-15-0124-1_27</a></li> <li>• Malviya, P. et al., "Development of a Simulation Model for Computing Stable Configurations for Off - Road Vehicle, International Conference on Advances in Design, Materials, Manufacturing and Surface Engineering for Mobility" ISSN: 0148-7191, SAE Technical</li> </ul>			

<p>Paper 2019-28-0126, 2019.  <a href="https://doi.org/10.4271/2019-28-0126">https://doi.org/10.4271/2019-28-0126.</a></p>
<p>Attendance in Conferences / Seminars / Workshops (In last 5 years)</p> <ul style="list-style-type: none"> <li>• One week course on “Industrial Tribology” under GIAN at VJTI from 04<sup>th</sup> to 8<sup>th</sup> July 2016</li> <li>• One week course on “Numerical Linear Algebra for Engineering Applications” under GIAN At VJTI from 26<sup>th</sup> to 30<sup>th</sup> Jan 2017</li> <li>• One week QIP course on “Research Methodology” at VJTI from 04<sup>th</sup> to 09<sup>th</sup> March 2017</li> <li>• One week QIP course on “Fundamentals and Applications of Fracture Mechanics” at VJTI from 22<sup>nd</sup> to 27<sup>th</sup> Jan 2018.</li> <li>• One week FDP on “Shifting Teaching-Learning Paradigms through Innovative Pedagogy” at VJTI from 09<sup>th</sup> to 14<sup>th</sup> Dec 2019.</li> <li>• One week TEQIP III Short term course on “ Active/Passive Damping Composites for Structural Vibration Control” at IIT Guwahati from 06<sup>th</sup> Jan to 10<sup>th</sup> Jan 2020</li> </ul>
<p>Participation in Professional Development Programmes (In last 5 years)</p> <ul style="list-style-type: none"> <li>• NIL</li> </ul>
<p>Guidance / Supervision of M.Tech &amp; Ph.D. Dissertations</p> <ul style="list-style-type: none"> <li>• Guided 50 M.Tech students</li> </ul>
<p>Research Projects Undertaken</p> <ul style="list-style-type: none"> <li>• NIL</li> </ul>
<p>Revenue generation (Consultancy/Testing assignments Undertaken) (In last 5 years)</p> <ul style="list-style-type: none"> <li>• Design checking of Trailer structure, routed through RTO.</li> </ul>
<p>Organization of Academic Conferences / Workshops / Designing Courses (In last 5 years)</p> <ul style="list-style-type: none"> <li>• NIL</li> </ul>
<p>Invited Lectures / Chairing / Resource Person / Keynote Address (In last 5 years)</p> <ul style="list-style-type: none"> <li>• Delivered an Invited Guest Lecture at DBIT Mumbai on 16<sup>th</sup> March 2017</li> <li>• Delivered an ONLINE Expert lecture at G.H. Rasoni Institute of Engineering &amp; Technology, Nagpur on 19<sup>th</sup> Aug 2020</li> </ul>