

	<b>Name</b>	Shekhar Tanaji Shinde		
	<b>Designation</b>	Assistant Professor		
	<b>Department</b>	Mechanical Engineering		
	<b>Qualification</b>	B.TECH (Mechanical Engineering) M.TECH Mechanical (CAD/CAM)		
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	<b>Experience</b>	<b>Teaching:</b>	5 Years (Till June 2021)	<b>Industry/Research:</b>

<b>Title of M. Tech. Dissertation</b>	Failure investigation and thermomechanical analysis of cylinder liner.
<b>Research Area</b>	Energy audit, Engine technology, Engine liner
<b>Workshop/Seminar/Conference Organized</b>	<ol style="list-style-type: none"> <li>1. 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.</li> <li>2. 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.</li> </ol>
<b>Workshop/Seminar/Conference Attended</b>	<ol style="list-style-type: none"> <li>1. Attended the India First Leadership Talk webinar broadcasted on 2nd May, 2020 by MHRD's Innovation Cell</li> <li>2. Participated in the Online "International Faculty Awareness Program" organized by Mechanical Engineering Department, JSPM's Jayawantrao Sawant College of Engineering Hadapsar, Pune -028, during 11 May to 15 May 2020.</li> <li>3. Participated one-week Online Faculty Development Program on "Roll of Engineer in Uplifting the industry post COVID-19 Lock down in India" organized by Mechanical Engineering Department, Sandip Institute of Engineering and Management during 04-09th May 2020.</li> <li>4. Attended Leadership Talk with Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr. Abhay Jere, Chief Innovation Officer MHRD Innovation Cell, Saturday, 16th May 2020 at 01.00 PM</li> <li>5. Attended Leadership talk With Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd. India's First Leadership Talk Series Session with Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd. by MHRD's Innovation Cell on 23rd May 2020.</li> <li>6. One Week Faculty Development Program on "Research Opportunities in Advanced Manufacturing Processes" organized by Dept. of Mechanical Engineering, Bharati Vidyapeeth Deemed to be University College of Engineering Pune, from 18.08.2108 to 09.02.2021.</li> </ol>

<p><b>Research Projects Completed/ Undergoing</b></p>	<ol style="list-style-type: none"> <li>1. Completed Failure investigation and thermomechanical analysis of cylinder liner project.</li> <li>2. Published research paper on Failure investigation and thermomechanical analysis of cylinder liner. (2016)</li> <li>3. Published research paper on thermomechanical analysis of cylinder liner. (2016)</li> <li>4. Published research paper on Failure investigation and thermomechanical analysis of cylinder liner of bolero vehicle. (2020)</li> <li>5. Currently working on Engine liner components and its working failure and its investigation.</li> <li>6. A case study on industry energy audit and energy efficient recomodations on boiler. (International research journal of engineering and technology 2021.</li> <li>7. Energy audit and energy retrofit for residential building.(International journal of innovative research in science, engineering and technology)2021</li> <li>8. Energy audit and recomodations on spring washer plant. (International journal of research and analytical review)2021</li> <li>9. Energy audit with efficient recomodations on dental clinic.(International journal of research and engineering technology)2021</li> <li>10. Energy audit: A case study on Mechanical engineering building. (International journal of innovative science and research technology) 2021.</li> </ol>
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