

	<b>Name</b>	Prof. Akshay Ashok Harale			
	<b>Designation</b>	Assistant Professor			
	<b>Department</b>	Mechanical Engineering			
	<b>Qualification</b>	B.E. (Mechanical Engineering) M. Tech. Mechanical (CAD/CAM)			
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	<b>Experience</b>	<b>Teaching:</b>	1.5 Year (Till Aug 2021)	<b>Industry/ Research:</b>	8 Months

<b>Title of M. Tech. Dissertation:</b>	1) Design and simulation of hot forging die to maximize its life. 2) A study of seat comfort for a commercial car.
<b>Research Area</b>	CAD, Machine Design, Vehicle Ergonomics, Advanced Manufacturing Process
<b>Workshop/Seminar/Conference Organized</b>	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. 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.
<b>Workshop/Seminar/Conference attended</b>	1) Participated in Supra SAE INDIA-2015. 2) Participated in the IIC Online Sessions conducted by <b>Institution's Innovation Council (IIC) of MHRD's Innovation Cell</b> , New Delhi to promote <b>Innovation, IPR, Entrepreneurship, and Start-ups among HEIs</b> from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown. 3) Attended the India First Leadership Talk webinar broadcasted on 2nd May, 2020 by MHRD's Innovation Cell 4) Participated in the Online " <b>International Faculty Awareness Program</b> " organized by Mechanical Engineering Department, JSPM's Jayawantrao Sawant College of Engineering Hadapsar, Pune -028, during 11 May to 15 May 2020. 5) Participated one-week Online Faculty Development Program on " <b>Roll of Engineer in Uplifting the industry post COVID-19 Lock down in India</b> " organized by Mechanical Engineering Department, Sandip Institute of Engineering and Management during 04-09th May 2020. 6) Attended Leadership Talk with <b>Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr. Abhay Jere, Chief Innovation Officer MHRD Innovation Cell</b> , Saturday, 16th May 2020 at 01.00 PM 7) Participated in one day webinar on " <b>Entrepreneurship- Dreams to Reality- Journey and the case studies</b> " organized by Mechanical Engineering Department, Sandip Institute of Engineering and Management on 19th May 2020. 8) Attended Leadership talk With <b>Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd. India's First Leadership Talk Series Session with Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd.</b> by MHRD's Innovation Cell on 23rd May 2020. 9) One Week Short Training Program on " <b>Renewable Energy and Utilization</b> " organized by Dept. of Mechanical Engineering, Sandip Institute of Engineering and Management Nashik, from 26.05.2020 to 20.05.2020. 10) One Week Faculty Development Programme on " <b>Research Opportunities in Advanced Manufacturing Processes</b> " organized by Dept. of Mechanical Engineering, Bharati Vidyapeeth Deemed to be University College of Engineering Pune, from 22.06.2020 to 28.06.2020.

	<p>11) One Week Short Training Program on “<b>Innovative &amp; Inventive Problem Solving</b>” organized by Department of Production Engineering, AISSMS COE, Pune, sponsored by AICTE Quality Improvement Scheme (AQIS) from 29th June to 04th July 2021.</p> <p>12) One Week Short Training Program on “<b>Recent Advances in Mechanical Engineering Design</b>” organized by Dept. of Mechanical Engineering, Bharati Vidyapeeth Deemed to be University College of Engineering Pune, sponsored by ATAL FDP from 20<sup>th</sup> July to 24<sup>th</sup> July 2021.</p>
<b>Research Projects Completed/ Undergoing</b>	<p>1) Completed Design and simulation of hot forging die to maximize its life. April 2019</p> <p>2) Completed A study of seat comfort for a commercial car. April 2018</p> <p>3) Completed Optimization of clutch plate casing for wear analysis of 25T Torro, By Mahindra and Mahindra. May 2016</p> <p>4) Working on Gyriod Labyrinth alloy structures by Laser powder bed fusion based additive manufacturing.</p> <p>5) Working on Regenerative braking system for electric vehicle using Lattice structure.</p> <p>6) A study of seat comfort for a commercial car and improve the posture with the help of Lattice structure.</p>