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	<b>Designation</b>	Associate Professor			
	<b>Department</b>	Mechanical Engineering			
	<b>Qualification</b>	ME(Mechanical),ME(Process Metallurgy)			
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	<b>Experience</b>	<b>Teaching:</b>	29 Years	<b>Research:</b>	10 Years

<b>Area of Interest</b>	Biomass Gasification, Combustion and Heat Transfer			
<b>Publications</b>	<b>International Journal (s):</b>	12	<b>National Journals (s):</b>	---
	<b>International Conference (s):</b>	02	<b>National Conference:</b>	--
<b>Publication Details</b>	<ol style="list-style-type: none"> <li>1. Vijay Kurkute , S.C., <i>Modeling the Process Parameters of Roller Burnishing using RSM and Prediction of Micro Hardness using Artificial Neural Network</i>. International Journal of Computer Sciences and Engineering, 2018. <b>6</b>(4): p. 7.</li> <li>2. Vijay Kurkute, S.C., <i>A review of burnishing process for surface roughness and microhardness</i>. International Journal of Mechanical Engineering &amp; Technology, 2018. <b>9</b>(2): p. 4.</li> <li>3. Vijay Kurkute and Sandip T. Chavan, <i>Experimental Investigation of Roller Burnishing Process For Micro Hardness of Aluminum 63400 Using Taguchi</i>. International Journal of Advanced Research in Engineering and Technology, 2018. <b>9</b>(2): p. 10.</li> <li>4. Kurkute, V. and S.T. Chavan, <i>Modeling and Optimization of surface roughness and microhardness for roller burnishing process using response surface methodology for Aluminum 63400 alloy</i>. Procedia Manufacturing, 2018. <b>20</b>: p. 542-547.</li> <li>5. Chavan, V.K.a.S.T., <i>Experimental Investigation of Roller burnishing Process for Surface Roughness using TAGUCHI Orthogonal Array</i>. International Research Journal of Natural and Applied Sciences, 2018. <b>5</b>(3): p. 10.</li> <li>6. Dadmal, S. and V. Kurkute, <i>Finite element analysis of roller burnishing process</i>. International Research Journal of Engineering and Technology, 2017. <b>4</b>(6): p. 8.</li> <li>7. S.T.Chavan, V.K.K.a. <i>Modeling and Optimization of Surface Layer Characteristics of Burnished Component using Artificial Neural Network</i>. in <i>International conference on Technological advancement in Materials and Manufacturing for Industrial Environment</i>. 2016. KPR Institutes Coimbatoor.</li> <li>8. Wable, M.M. and V.K. Kurkute, <i>Design and Analysis of Screw Conveyor at Inlet of Ash/Dust Conditioner</i>. International Journal of Emerging Technology and Advanced Engineering, 2015. <b>5</b>(5).</li> <li>9. Sonawane, S.R. and V.K. Kurkute, <i>Experimental and analytical investigation of rollover protection structure for agricultural wheel tractor</i>. International Journal of Emerging Technology and Advanced Engineering, 2015. <b>4</b>(10): p. 9.</li> <li>10. Shinde, V.K.K.N.M., <i>Optimization Of Single Roller Burnishing Operation For Surface Roughness of Aluminium Alloy Using Artificial Neural Network</i>. International Journal of Mechanical Engineering, 2015. <b>43</b>(2): p. 5.</li> <li>11. L, V.K.K.M.S.A., <i>Optimization of Burnishing Parameters Microhardness of Al Alloy Using RSM</i>. International Journal of Mechanical Engineering, 2015. <b>43</b>(1): p. 5.</li> <li>12. V.K. Kurkute, W.S.B. <i>Predicting Surface Integrity in Burnishing Process A Review</i>. in <i>International colloquium on materials, manufacturing, and metrology</i>. 2014. IIT Madras.</li> <li>13. Nirmal, T. and V. Kurkute, <i>Application Of CAD And CAE To The Development And Optimization Of Automobile Outer Rear View Mirror Based On The Vibration Study</i>. International Journal of Innovative Research and Development, 2013. <b>2</b>(11).</li> <li>14. Sujit Kadam, V.K.K., <i>Development of automatic clutch pedal operating system</i>. International J.of Multidispl.Research &amp; Advcs. in Engg., 2012. <b>4</b>: p. 12.</li> </ol>			

<b>Books Published</b>	Nil			
<b>Professional Memberships</b>	1. Life Member: ISTE.			
<b>Workshop/ Seminar/ Conference attended</b>	<b>Sr. No.</b>	<b>Name of the Training Programme</b>	<b>Organizer</b>	<b>Dates</b>
	1	Analysis of research problems through design of experiment	IIT Bombay	August 13-17,2016
	2	Statistical analysis for engineers	IIT Kanpur	June 17-21,2013
	3	Advanced engineering optimization through intelligent techniques	SVNIT Surat	September 23-27, 2013
	4	Applications of MATLAB and Simulink for engineers	COEP Pune	December 10-17, 2012
	5	Design of experiment workshop	Institute of quality and reliability Pune	March 14-15, 2015
<b>Achievements</b>				
<b>Extra Activities</b>	IQAC Member Bharati Vidyapeeth (Deemed to be University) Pune IQAC coordinator of BVUCOE Pune PG Coordinator			