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	<b>Designation</b>	Associate Professor		
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	<b>Qualification</b>	ME, PhD (Mechanical Engineering)		
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	<b>Experience</b>	<b>Teaching:</b>	17.8 Years	<b>Industry:</b>

<b>Title of PhD Thesis/ M. Tech. Dissertation:</b>	"Thermal Energy Conservation and Pollution Reduction Estimation Studies in Small Scale Indian Textile Industries"			
<b>Research Area</b>	Design and Manufacturing, Energy Conservation			
<b>Research Publications</b>	<b>International Journal (s):</b>	18	<b>National Journals (s):</b>	00
	<b>International Conference (s):</b>	01	<b>National Conference:</b>	02
<b>Research Metrics</b>	<i>Google Scholar Citations: 32</i> <i>H Index:03 I Index: 01</i>	<i>SCOPUS Citations: 07</i> <i>H Index: 01</i>	<i>Web of Science citations: 07</i> <i>H Index: 01</i>	
<b>Publication Details</b>	<p align="center"><b>Publications in International Journals</b></p> <p>[1] V J Suryawanshi, A C Pawar, S P Palekar, K A Rade, "Defect detection of composite honeycomb structure by vibration analysis technique" Materials Today: Proceedings 27, 2731-2735, 2020</p> <p>[2] H R Tamakuwala, K A Rade, A C Pawar , "Single Stage Vibration Analysis Using Particle Damping Method And Validation Through Design Of Experiment" The International journal of analytical and experimental modal analysis Volume XI, Issue XI, November/2019 ISSN NO: 0886-9367, Volume XI, Issue XI, November/2019 ISSN NO: 0886-9367 Page No:879-887</p> <p>[3] Harshil R. Tamakuwala, Kuldip A. Rade, "Particle Damping Method and Its Applications" The International journal of analytical and experimental modal analysis Volume XI, Issue VII, July/2019 ISSN NO: 0886-9367, Volume XI, Issue VII, July/2019, P No 239-243</p> <p>[4] A C Pawar, K A Rade, Harshil Tamakuwala, "A Review on Performance of Damper Method to Suppress the Vibrations for Different Applications", Global Journal of Engineering Science and Researchs, Thomson Reuters, ISSN 2348-8034, Impact Factor 5.070, NCRAES-2019, 62-68</p> <p>[5] Vahid M.Jamadar , Kuldip A. Rade , Sandip S. Kanase Abhijeet S. Suryawanshi "Vibration Energy Harvesting From Power Producing Devices" International Journal of Advanced Mechanical Engineering, ISSN 2250-3234 Volume 8, Number 2 (2018), pp. 153-159.</p> <p>[6] Kuldip Rade, V A Pharande, D R Saini, "Process Parameter Optimization of Shell and Tube type Heat Exchanger Used for Heat Recovery by using Taguchi Analysis" International Engineering Research Journal (IERJ), Special Issue Page 1-6, 2017, ISSN: 2395-1621.</p> <p>[7] Kuldip Rade, V A Pharande, D R Saini, "Interpretive Structural Modelling (ISM) for Recovery of Heat Energy", International Journal of Theoretical and Applied Mechanics, 2017, ISSN 0973-6085 Volume 12, Number 1 pp. 83-92.</p>			

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- [9] Kuldip Rade, V A Pharande, D R Saini, "Taguchi Analysis for Optimization of Dyeing Process Parameters to Recover Waste Heat", 2016, International Journal of Engineering Science and Technology (IJEST), ISSN: 0975-5462 Vol. 9 No.09S Sep 2017, page 1-10
- [10] Yogesh Ingale, Kuldip Rade, Nitin Bhalerao, Dr. kailasnath Sutar, "Design and Analysis of Welding Fixture for Inlet Header of Shell and Tube Heat Exchanger", International Journal of Engineering Research and General Science Volume 4, Issue 3, May-June, 2016, ISSN: 2091-2730
- [11] Mandar Joshi, K A Rade, "Cost Reduction of Section Channel By Value Engineering" International Research Journal Of Engineering And Technology (IRJET) E-ISSN: 2395 -0056, Volume: 03 ISSUE, July-2016, P-ISSN: 2395-0072 -2246
- [12] Kuldip Rade, V A Pharande, D R Saini, "Assessment of Thermal Energy by Varying Process Parameters of Dyeing Process in Textile Industries", 2016, Elsevier, Materials Today Proceedings 3, 2214-7853.
- [13] Mandar Joshi, K A Rade, "Cost Reduction of Section Channel by Value Engineering", International Research Journal of Engineering and Technology (IRJET), Volume: 03 Issue: 07 July-2016, E-ISSN: 2395 -0056, P ISSN: 2395-0072.
- [14] Prasad Ranbhare, Kuldip Rade, Dr Satish kadam, Indrajeet Shinde "Development of Experimental Setup and FEA Investigation of Torsional Vibrations of Two Mass Rotor System", International Journal of Engineering Research and General Science Volume 3, Issue 3, May-June, 2015, ISSN 2091-2730.
- [15] Mandar Joshi, K A Rade, "Optimization of Weight of Cable Duct", International Journal Engineering research and General Science, Vol- 3, Issue- 1, 2015 Edition, ISSN 2091-2730.
- [16] Kuldip Rade, V A Pharande, D R Saini, "Effect of Mass to Liquor Ratio on Dyeing Process", Elixir International Journal, Current Index Copernicus, Poland Value (ICV) is 6.77, Impact Factor (PIF) of 5.525. Listed in Ulrich's Periodicals Directory, Proquest, USA. Elixir Thermal Engg., 89 (December 2015) 36718-36722 (Indexed by Elsevier and Thomson Reuters, USA).
- [17] Amit P. Kanunje, K. A. Rade and S.S. Kadam "Determination of Counterweight Using CAMB in Rotary Fixture and Optimization of Cutting Force for Interrupted Cuts with Case Study", Elixir International Journal, Current Index Copernicus, Poland Value (ICV) is 6.77, Impact Factor (PIF) of 5.525. Listed in Ulrich's Periodicals Directory, Proquest, USA. Elixir Thermal Engg., 89 (December 2015) 36718-36722.
- [18] Kuldip Rade, V A Pharande, D R Saini, "Energy Optimization in Dyeing Process by Using Controlled Parameters.", International Journal of Innovative Research in Science, Engineering and Technology, An ISO 3297: 2007 Certified Organization ISSN: 2319-8753, Impact Factor: 1.672 Vol. 3, Issue 6, June 2014, 13882- 13892.

#### **Publications in Conference Proceedings**

- [19] Kaveri A. Katake , Dr. K. A. Rade , Amar C. Pawar "Review on Investigation of Particle Damping Technique for Vibration Suppression in Different Applications" 4th International conference of Ideas, Innovations and Impact in Science and technology, organised by SKNCOE, Pune
- [20] Kuldip Rade, R N Patil, Sundarm Rout, 2007, National level Paper presentation on Modal Analysis of overhead camshaft organised by Venutai Chavan Polytechnique, Pune

	[21] Kuldip Rade, V A Pharande, D R Saini, “Experimental Investigation for Energy Optimization by Varying Mass to Liquor Ratio in Dyeing Process”, National Conference on Recent Trends in Energy Engineering at PVPIT Sangli, ISBN 987-93-83752-20-1, Organized by MEDHA & PVPIT, RTEE-15/EED/12, 278- 290, Oct 15.
<b>Workshop/ Seminar/Conference Organized</b>	[1] workshop on 3D printing organized by BVDUCEP [2] Faculty Development program on Research in Energy Technology [3] AICTE-ATAL Faculty Development program on Recent Advances in Mechanical Engineering Design
<b>Workshop/ Seminar/Conference attended</b>	[1] AICTE-ATAL Faculty Development program on Exergy and Thermo economic Investigation in Power Generation Systems [2] Faculty Development Program on “Fault detection and diagnosis using FFT analyzer” [3] FDP on Renewable Energy Sources: A Way Ahead at Cummins COE, Nagpur [4] Two days TEQUIP workshop at IIT Mumbai. [5] Mat lab Training at Govt. college of Engg, Pune [6] STTP on ‘Modern Trends in Automobile Engg and pollution Norms’. [7] STTP on ‘Induction Training for Teachers’ [8] Two days’ workshop on ‘Effective Teaching Skills’ [9] STTP on ‘Advances in Automotive Technology’ [10] FDP on “Future Material Nanocomposites” [11] FDP on “Research Opportunities in Advanced Manufacturing Processes” [12] FDP on “Innovative Approaches in Management”
<b>Books Published</b>	“Enhancement of surface finish of boring operation using passive damper” Publisher: LAP LAMBERT Academic Publishing, Beau Bassin, Mauritius. ISBN: 978-613-9-82475-5
<b>Research Projects Completed/ Undergoing</b>	Title: MODROB 2021 Principle Investigator: Dr K B Sutar Co Principle Investigator: Dr Kuldip A Rade Project Outcomes: Modernisation Dynamics of Machinery Laboratory Costing: 12,60,0000/-
<b>Professional Memberships</b>	[1] Institute of Engineers. (MIE) [2] Member of International Association of Engineers (IAENG).
<b>Awards/ Achievements</b>	[1] General Secretary (Education Cell) IHRWA International Human Rights Welfare Association <b>Ministry of Corporate Affairs Govt. of India (Regd.)</b> [2] Session Chair for “2nd International Conference on Ideas, Innovation and Impact in Science & Technology” in Mechanical Engineering Department of SKNCoE, Vadgaon (Bk), Pune [3] Session Chair for 4th International conference of Ideas, Innovations and Impact in Science and technology, in Mechanical Engineering Department of SKNCoE, Vadgaon (Bk), Pune