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| **Name** | **Dr. Kuldip Aurn Rade** | | | | |
| **Designation** | **Assistant Professor** | | | | |
| **Department** | **Mechanical Engineering Department** | | | | |
| **Qualification** | **ME, PhD Mechanical** | | | | |
| **Contact No.** | **9767586565** | | **Ph. Extension** | **299** | |
| **Email ID** | **karade@bvucoep.edu.in** | | | | |
| **Experience** | **Teaching :** | 14 Years 5 months | **Industry :** | 3 Years | |

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| **Area Of Interest** | Design , Manufacturing | | | |
| **Publications** | **International Journal (s):** | 14 | **National Journals (s) :** | -- |
| | **International Conference (s):** | 01 | **National Conference:** | 01 |
| **Publication Details** | 1. "Assessment of Thermal Energy by Varying Process Parameters of Dyeing Process in Textile Industries", **Elsevier**, Materials Today Proceedings 3, 2214-7853.<br>2. "Taguchi Analysis for Optimization of Dyeing Process Parameters to Recover Waste Heat", **IEEE Xplore**, 978-1-5090-2976-1/16<br>3. "Interpretive Structural Modelling (ISM) for Recovery of Heat Energy", International Journal of Theoretical and Applied Mechanics, ISSN 0973-6085 Volume 12, Number 1 pp. 83-92**. (UGC Approved Journal)**<br>4. "Effect of Change in Process Parameters on Energy Consumption during Textile Dyeing Process" ", International Journal of Theoretical and Applied Mechanics, SSN 0973-6085 Volume 12, Number 3 (2017) pp. 579-588 **(UGC Approved Journal)**<br>5. "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.<br>6. "Energy Optimization in Dyeing Process by Using Controlled Parameters", International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) supported by UNESCO, ISSN: 2319-8753, Impact Factor: 1.672, 13882- 13892.<br>7. "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.<br>8. "Effect of Mass to Liquor Ratio on Dyeing Process", Elixir International Journal, Current Index Copernicus, Poland Value (ICV) is 6.77, Impact Factor | | | |

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| | (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).<br>9. "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.<br>10 "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.<br>11. "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.<br>12. "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.<br>13. "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.<br>14. "Optimization of Weight of Cable Duct", International Journal Engineering research and General Science, Vol- 3, Issue- 1, 2015 Edition, ISSN 2091-2730.<br>15. "Vibration Energy Harvesting From Power Producing Devices" International Journal of Advanced Mechanical Engineering, ISSN 2250-3234 Volume 8, Number 2 (2018), pp. 153-159.<br>16. National level Paper presentation on Modal Analysis of overhead camshaft. |
| **Books Published** | "Enhancement of surface finish of boring operation using passive damper" Publisher: LAP LAMBERT Academic Publishing, Beau Bassin, Mauritius. ISBN: 978-613-9-82475-5 |
| **Professional Memberships** | 1. Institute of Engineers.(MIE) |

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| **WorkShop/ Seminar/Conference attended** | 1. Two days TEQUIP workshop AT IIT Mumbai.<br>2. Mat lab Training at college of Engg, Pune |
| **Achievements** | 1. BOS Member<br>2. Ex-NSS Program office<br>3. Consultant to Shree Siddhee Engineering Works, Swaraj Metal Crafts, Sakati Engineering, Sujata Metals. |
| **Extra Activities** | 1. GFM<br>2. DOM Lab In charge |
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