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|  | <b>Name</b>          | Mr. Roheshkumar Sadashiv Lavate                                                      |                      |                 |
|                                                                                   | <b>Designation</b>   | Assistant Professor                                                                  |                      |                 |
|                                                                                   | <b>Department</b>    | Mechanical Engineering                                                               |                      |                 |
|                                                                                   | <b>Qualification</b> | B. E. Mechanical (RIT, Sakharale)<br>M. E.(Heat Power Engineering) (PVPIT, Budhgaon) |                      |                 |
|                                                                                   | <b>Contact No.</b>   | 9423532388                                                                           | <b>Ph. Extension</b> |                 |
|                                                                                   | <b>Email ID</b>      | rslavate@bvucoep.edu.in                                                              |                      |                 |
|                                                                                   | <b>Experience</b>    | <b>Teaching</b>                                                                      | 8.5 Years            | <b>Research</b> |

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| <b>Area Of Interest</b>    | Thermodynamics, Heat Transfer, I.C. Engine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                              |     |
| <b>Publications</b>        | <b>International Journal (s):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 03 | <b>National Journal (s):</b> | --- |
|                            | <b>International Conference (s):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 02 | <b>National Conference:</b>  | 05  |
| <b>Publication Details</b> | <p><b>Publication In Referred Journals</b></p> <ol style="list-style-type: none"> <li>1. Mr. Prakash Balasaheb Patil, Prof. Roheshkumar S. Lavate, “Dynamic Response Analysis and Mechanical Properties of Composite Plate Having Different Orientation” International Journal of Application or Innovation in Engineering &amp; Management (IJAIEEM) Volume 5, Issue 5, ISSN 2319 – 4847, May 2016</li> <li>2. R. S. Lavate, A. M. Patil, “Experimental Study on Heat Transfer and Pressure Drop In Micro-Fin Tubes with and Without Coiled Wire Insert”, International Journal of Application or Innovation in Engineering &amp; Management (IJAIEEM) Volume 4, Issue 3, ISSN 2319 – 4847, March 2015</li> <li>3. R. S. Lavate, A. M. Patil, N. V. Deshpande, “Single-Phase Heat Transfer and Pressure Drop In the Micro-Fin Tube with Coiled Wire Insert” International Journal of Engineering Inventions e-ISSN: 2278-7461, p-ISSN: 2319-6491 Volume 3, Issue 12 , July 2014</li> </ol> <p><b>Conference Proceeding</b></p> <p><b><u>International Conference/ Workshops:</u></b></p> <ol style="list-style-type: none"> <li>1. R. S. Lavate, R. V. Lalge, A Review on Advance Cooling of Radiator by Using Nanofluid, 2<sup>nd</sup> International Conference on Applies Science, Engineering, Technology and Management (ICASETN-18) at Rajgad Dnyanpeeth Technical Campus, Pune on 20<sup>th</sup> &amp; 21<sup>st</sup> April 2018</li> <li>2. R. S. Lavate, A. T. Patil, A. M. Patil, N.V. Hargude, Dynamic Response Analysis of Fiber Reinforced Composite Beam, 2nd international conference on Recent Trends in Engineering (ICETE 2013), IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) ISSN: 2278-1684, at Dr. J.J. Magdum College of Engineering, Jaysingpur, Kolhapur, on 22<sup>nd</sup> &amp; 23<sup>rd</sup> April 2013</li> </ol> |    |                              |     |

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|                                               | <p><b><u>National Conference/ Workshops:</u></b></p> <ol style="list-style-type: none"> <li>1. R. S. Lavate, A Review on Heat Transfer Enhancement Technics, National Conference on Research, Design And Development in Engineering, Management and Science, at Rajgad Dnyanpeeth Technical Campus, Pune on 18<sup>th</sup> March 2017.</li> <li>2. Prof. R. S. Lavate, V. S. Chaudhari, V. N. Ghavane, P. M. Gaikwad, Design Of Hybrid Power Transmission, National Conference on Research, Design And Development in Engineering, Management and Science, at Rajgad Dnyanpeeth Technical Campus, Pune on 18<sup>th</sup> March 2017.</li> <li>3. Prof. R. S. Lavate, Akshay Phadatare, Akshay Lad, Gaurav Parbal, Pratik Chaudhari, Design Of Head Operated Wheel Chair, National Conference on Research, Design And Development in Engineering, Management and Science, at Rajgad Dnyanpeeth Technical Campus, Pune on 18<sup>th</sup> March 2017.</li> <li>4. R. S. Lavate, A Review On Heat Transfer Enhancement Using Nano Fluids, National Conference on Research, Design And Development in Engineering, Management and Science, at Rajgad Dnyanpeeth Technical Campus, Pune on 20<sup>th</sup> March 2016</li> <li>5. R. S. Lavate, A. M. Patil, Effect of Mass Flow rate and Reynolds number on Heat Transfer and Pressure Drop in Micro-Fin Tubes with coil wire inserts, A National Conference in recent Trends in engineering, organized by Department of Mechanical Engineering, Padmbhushan Vasantdada Patil Institute of Technology, Budhgaon, Sangli on 9<sup>th</sup> Oct. 2015</li> <li>6. R. S. Lavate, Advance in Automobile, National conference on “Emerging Trends In Engineering And Technology” organized at PVPIT, Budhgaon on date 18<sup>th</sup> February 2013.</li> <li>7. R. S. Lavate, Robotics And Automation, in National conference on “Emerging Trends In Mechanical Engineering” organized at PVPIT, Budhgaon on date 5<sup>th</sup> march 2011</li> </ol> |
| <b>Books published</b>                        | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Patents Published</b>                      | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Professional Membership</b>                | Life Member Of International Society For Research And Development.<br>Membership ID: M4150905295                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Workshop/ Seminar/ Conference Attended</b> | <ol style="list-style-type: none"> <li>1. One Week Faculty Development Programme on “ Outcome Based Education” Organized by department of mechanical Engineering, Universal College Of Engineering and Research on 05<sup>th</sup> to 10<sup>th</sup> December 2016</li> <li>2. One Day workshop on “Syllabus Setting of Fluid Mechanics [SE mechanical (2016 Pattern)]” organized at Flora Institute of technology, Pune on date Saturday, 23<sup>rd</sup> April 2016.</li> <li>3. One Day faculty seminar on “ Emerging Solar PV Technology Applications For Academics” Conducted at PVG’s College of engineering and Technology, Pune On date 24<sup>th</sup> February 2016</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

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|                         | <p>4. One Day faculty Development workshop on “ Finite Element Analysis Using ANSYS and MATLAB” Conducted at Dr. D. Y. Patil College of Engineering, Akurdi, Pune On date 20<sup>th</sup> January 2016</p> <p>5. Three Days Workshop on “Heat Treatment Equipment” Sponsored by Thermax India Ltd, Pune and organized by PVPIT, Budhgaon from date 23<sup>rd</sup> to 25<sup>th</sup> March 2015</p> <p>6. Two Week ISTE Workshop on “Thermodynamics in Mechanical Engineering” conducted by Indian institute of technology Bombay from 14<sup>th</sup> to 24<sup>th</sup> June, 2011</p> |
| <b>Achievements</b>     | Worked as member of reviewer Committee for National Conference on Research, Design And Development in Engineering, Management and Science, at Rajgad Dnyanpeeth Technical Campus, Pune on 18 <sup>h</sup> March 2017.                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Extra Activities</b> | Guardian Faculty Member                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |