

	Name	Mr. Roheshkumar Sadashiv Lavate		
	Designation	Assistant Professor		
	Department	Mechanical Engineering		
	Qualification	B. E. Mechanical M. E. (Heat Power Engineering)		
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	Experience	Teaching	11 Years	Research

Title of M. Tech. Dissertation:	Single Phase heat transfer and pressure drop in the microfin tubes with coil wire insert			
Research Area	Thermal, Heat Transfer			
Publications	International Journal(s):	06	National Journal(s):	---
	International Conference (s):	02	National Conference:	05
Publication Details	<p>Publications in International Journals</p> <ol style="list-style-type: none"> 1. Avishi Saini, Anubhav Dixit, Prof. Roheshkumar Lavate, "Alteration of Plastic Waste into Thermal Fuel by Pyrolysis – A Review" International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 08 Aug 2021. 2. Prof. Mahavir K. Beldar, Prof. Roheshkumar S. Lavate, "Increasing Efficiency of Peltier Module and Parametric Study of Water Extraction from Air Using Peltier Module" International Research Journal of Engineering and Technology (IRJET), Volume 08, Issue 06, June 2021. 3. Prof. Roheshkumar Lavate, Saurabh Shekhar, Ashish Singh Panwar, Rishabh Pandey, "Design And Analysis Of Metal Detecting Rover Vehicle Using Rocker Bogie Suspension System" International Journal Of Creative Research Thoughts, Volume 8, Issue 6 June 2020 4. 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 & Management (IJAIEEM) Volume 5, Issue 5, ISSN 2319 – 4847, May 2016 5. 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 & Management (IJAIEEM) Volume 4, Issue 3, ISSN 2319 – 4847, March 2015 6. 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, Vol.3, Iss. 12, July 2014 			

Publications in Conference Proceedings

International Conference:

1. R. S. Lavate, R. V. Lalghe, A Review on Advance Cooling of Radiator by Using Nanofluid, 2nd International Conference on Applied Science, Engineering, Technology and Management (ICASETN-18) at Rajgad Dnyanpeeth Technical Campus, Pune on 20th& 21st April 2018
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 22nd& 23rd April 2013

National Conference/ Workshops:

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 18th March 2017.
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 18th March 2017.
3. Prof. R. S. Lavate, Akshay Phadatare, Akshay Lad, GauravParbal, 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 18th March 2017.
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 20th March 2016
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, PadmbhushanVasantdada Patil Institute of Technology, Budhgaon, Sangli on 9th Oct. 2015
6. R. S. Lavate, Advance in Automobile, National conference on “Emerging Trends In Engineering And Technology” organized at PVPIT, Budhgaon on date 18th February 2013.
7. R. S. Lavate, Robotics And Automation, in National conference on “Emerging Trends In Mechanical Engineering” organized at PVPIT, Budhgaon on date 5th march 2011

<p>Workshop/ Seminar/ Conference Attended</p>	<p>Workshop/ Seminar/ Conference Attended</p> <ol style="list-style-type: none"> 1. One Week AICTE Training And Learning (ATAL) Faculty Development Programme on “Energy storage” ORGANISED BY Institute Of Aeronautical Engineering, from 17 May 2021 to 17 May 2021 2. Two days Faculty Development workshop on “NAAC Documentation” Organized by B.V.D.U. College Of Architecture, PUNE 43 on 19th and 20th April 2021 3. One Week AICTE Training And Learning (ATAL) Faculty Development Programme on “Robotics” Organized by department of mechanical Engineering, Bharati Vidyapeeth (Deemed to be University) College of Engineering Pune on 24th to 28th November 2020 4. Participated and completed One Week Faculty Development Programme on ‘Research in energy Technologies’ organized by Department of Mechanical Engineering, Bharati Vidyapeeth (Deemed to be University) College of Engineering Pune from 06th July, 2020 to 11th July, 2020 5. Participated in one-week Online faculty development programme on “Recent trends in refrigeration and Air-conditioning” organized by Department of Mechanical Engineering, Pimpari Chinchwad college of engineering, Pune in association ISHRAE (The Indian society of heating, Refrigeration and Air-conditioning Engineers) Pune Chapter from 01/06/2020 to 06/06/2020 6. Participated and completed One Week Faculty Development Programme on ‘Future Materials: Nanocomposites’ organized by Department of Mechanical Engineering, Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune from 15th June, 2020 to 21st June, 2020. 7. Short term training programme through ICT mode on “Assessment and Evaluation under outcome-based Education” conducted by National Institute of Technical Teachers Training and Research, Kolkata from 10/06/2020 to 14/06/2020 8. Participated in one week online Short-Term Training Program on “Renewable Energy and Utilization” organized by Department of Mechanical Engineering, Sandip Institute of Engineering and Management, Nashik during 26-30 May, 2020. 9. Participated in 5 days Online National Faculty Development Programme on “Artificial Intelligence” organized by Department of Information Technology, Anil Neerukonda Institute of Technology & Sciences in collaboration with Brain O Vision & National Youth Council of India from 22 to 26-05-2020. 10. Participated in 5 day Online National Faculty Development Programme on “Renewable energy sources: A Way Ahead” organized by Department of Mechanical Engineering, Cummins college of Engineering for Women, Nagpur in association with ASM international (American Society of Materials) pune chapter and ISHRAE (The society of Refrigeration and Air-conditioning Engineers) Nagpur Chapter from 15-05-2020 to 21-05-2020.
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	<ol style="list-style-type: none"> 11. Participated in one month IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020. 12. Attended one week online Faculty Development Program on “Outcome Based Education: A Step Towards Excellence” Organized by Government College of Engineering, Karad under Margdarshan Scheme of AICTE, New Delhi from 11th May to 15th May 2020 13. Two days faculty development programme on “High Impact Teaching” conducted by Dale Carnegie Organized by department of mechanical Engineering, Bharati Vidyapeeth (Deemed to be University) College of Engineering Pune on 7th and 8th February 2019 14. Participated in One Day workshop on “Syllabus Setting of Fluid Mechanics [SE mechanical (2016 Pattern)]” organized at Flora Institute of technology, Pune on date Saturday, 23rd April 2016. 15. Participated in One Day faculty seminar on “Emerging Solar PV Technology Applications for Academics” Conducted at PVG’s College of engineering and Technology, Pune On date 24th February 2016 16. Participated in 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 20th January 2016 17. Participated in Three Days Workshop on “Heat Treatment Equipment” Sponsored by Thermax India Ltd, Pune and organized by PVPIT, Budhgaon from date 23rd to 25th March 2015 18. Participated in Two Week ISTE Workshop on “Thermodynamics in Mechanical Engineering” conducted by Indian institute of technology Bombay from 14th to 24th June, 2011
Professional Membership	Life Member Of International Society For Research And Development. Membership ID: M4150905295
Achievements	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 ^h March 2017.