


Name	Dr. Pravin R. Sonarkar 														
Past Experience	<p>Priyadarshini College of Engineering, Nagpur (Assistant Professor) July 2024-May 2025</p> <p>Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded (Assistant Professor) July 2019 – June 2024</p> <p>Laxminarayan Innovation Technological University (Assistant Professor) Nov 2018 – April 2019</p> <p>Gharda Institute of Technology, Ratnagiri (Assistant Professor) (Ad-hoc) July 2012 – May 2014</p> <p>Bectochem Consultants & Engineers Pvt. Ltd., Pune (Purchase & Planning Coordinator) Dec 2010 – May 2012</p> <p>Shat-Aau Tilak Management College, Nagpur (Japanese Language Faculty) July 2008 – May 2009</p> <p>Professional Tutorials, Surat (Administrative Executive) July 2006 – March 2007</p>														
Current Job	Veermata Jijabai Technological Institute, Matunga, Mumbai. (June 2025 – Current)														
Department	Technical and Applied Chemistry Department														
Post	Lecturer (Tenure Faculty)														
Date of Joining	02/06/2025														
Qualification	M. Tech., PhD														
E-mail	prsonarkar@che.vjti.ac.in														
Area of Research	Biomass Gasification, Waste Water Treatment Technology, Syngas synthesis, Pyrolysis														
Subjects Taught	Mass Transfer Operation, Chemical Process Calculation, Process Equipment Design and Drawing														
Publications	<table border="1" data-bbox="464 1771 1366 1877"> <thead> <tr> <th colspan="2">Journal Publication</th> <th colspan="2">Conference Publication</th> </tr> <tr> <th>International</th> <th>National</th> <th>International</th> <th>National</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>2</td> <td>4</td> <td>8</td> </tr> </tbody> </table>			Journal Publication		Conference Publication		International	National	International	National	3	2	4	8
Journal Publication		Conference Publication													
International	National	International	National												
3	2	4	8												
Guidance	Guided 2 Mtech students and 20 plus Btech students in project.														
Workshop Organized	Coordinated National Level STTP under TEQUIP at SGGs, Nanded														
Conference Organized															
Seminar Organized															

Training Organized	
Workshop Attended	
Conference Attended	<ol style="list-style-type: none"> 1) Experimental and Computational studies on improved gasifier stove” presented poster in Research Scholars Day -2014 in VNIT, Nagpur on 20th September, 2014. 2) Presented & Awarded 2nd price Research paper on “Improvement in the Design of Biomass-Based Gasifier Stoves” in TRANSTECH” 15 organized by Tolani Maritime Institute in association with „The Institute of Marine Engineers (India)” and „The Institution of Engineers (India), Pune from 26th – 28th February, 2015. 3) Presented & Awarded 2nd price Research paper on “Effect of Moisture Content of Biomass Pellet on Different Parameters in Gasifier Based Purti Cook Stoves” in CHEMIX” 15 organized by Department of Chemical Engineering, Visvesvaraya National Institute of Technology from 29th – 30th March, 2015. 4) Paper Presentation entitled “Design and Testing of biomass-based Cook Stoves” in CHEMCON 15 organized by Indian Institute of Technology, Guwahati from 27th - 30th December 2015. 5) Paper Presentation entitled “Performance based improvements in biomass cook stoves design” in REACT 2016 organized by Laxminarayan Institute of Technology, Nagpur from 27th - 28th February 2016. 6) Poster presented entailed “Design and Performance Evaluation of a Forced Draft Cooking Stove” in CHEMCON 16 organized by Indian Institute of Technology, Madras from 27th -30th December 2016. 7) Paper Presentation entitled “Emission performance between traditional and improved biomass fired cook stoves using fuel wood, wood pellets and coconut shell”. Proceedings of National Conference on Inter and Intra-disciplinary Blend of Chemical Engineering (CHEMIX 2017), VNIT, Nagpur, India during March 25-26, 2017. 8) Presented at Seminar during BE on Global Warming and their Effects – In this seminar, various examples were taken to explain who it is getting affected along with the some of the solution which can save the environment. 9) Poster presented entailed “Pollutant emissions and energy efficiency of gasifier cooking stoves and implications for future intervention studies” International Conference on Emerging Trends in Biotechnology for Waste Conversion (ETBWC- 2017)-14th Convention of the Biotech Research Society, India held in NEERI Nagpur from 8th -12th October 2017. 10) Paper Presentation entitled “User centric approach for Design of forced draft biomass cook stove to lower indoor air pollution” in 70th Annual Session of Indian Institute of Chemical Engineers

	<p>CHEMCON 2017 organized by Dept. of Chemical Engineering, Haldia Institute of Technology, Haldia (WB) from 27th -30th December 2017.</p> <p>11) Paper Presentation entitled “Performance evaluation and emission characterization of three stoves using fuel wood, wood pellets and coconut shell”. Proceedings of National Conference on Inter and Intra-disciplinary Blend of Chemical Engineering (CHEMIX 2018), VNIT, Nagpur, India during April 7-8, 2018.</p> <p>12) Paper Presentation entitled “Predicting diamond prices using regression in machine learning” VNIT, Nagpur, India, 2024.</p>
Seminar Attended	
Training Attended	<p>1) Expert talk in course on “Biomass gasification “in Government polytechnic, Arvi.</p> <p>2) Expert talk in five-day course on “Waste to Energy “in Funded by TEQIP-II in SGGSE&IT, Nanded.</p>
Collaboration/Interaction with outside word	
Online courses completed	Successfully completed two NPTEL course for Mass Transfer operations and Technologies for Clean and Renewable Energy Production conducted by IITG
Research Proposal Written	
National Conference Attended	<p>A K Randhawala A D Swarkar S B Mudhe, A Deshmukh, P R Sonarkar (2024). Predicting Diamond prices using Regression in Machine Learning. 3rd International Conference on Paradigm Shifts in Communication, Embedded Systems, Machine Learning and Signal Processing (PCEMS 2024) at Visvesvaraya National Institute of Technology (VNIT) Nagpur. https://doi.org/10.1007/978-3-031-90580-3_13 (Print ISSN978-3-031-90579-7, Online ISSN: 978-3-031-90580-3)</p>
International Conference Attended	
National Papers Presented	<p>1) Adnan Khan, Ankush Sawarkar, Atul Halmare, Rajesh Mapari, Atul Thakare and Pravin Sonarkar (2025) “A Comparative Study of Statistical and Recurrent Neural Network Models for Next-Word Prediction in Marathi” 2025 IEEE 1st International Conference on Recent Trends in Computing and Smart Mobility (RCSM)</p>
International Papers Presented	<p>1) Sonarkar, P. R., Mardikar, E. A., Gupta, S., Dhabu, S. S. and Chaurasia A. S. (2017). Performance Evaluation, Economic Analysis and Design of Biomass-Based Modified Purti Gasifier Stove. <i>Journal of Scientific & Industrial Research</i>, vol. 76, 110-</p>

	<p>114. DOI: http://nopr.niscair.res.in/handle/123456789/39822 (Print ISSN: 0022-4456, Online ISSN: 0975-1084)</p> <p>2) Sonarkar, P. R., and Chaurasia A. S. (2018). An Improved Gasifier Cookstove: Utilizing Fan Driven Forced Draft for Cleaner Combustion. <i>Journal of Scientific & Industrial Research</i>, http://nopr.niscair.res.in/handle/123456789/44676 (Print ISSN: 0022-4456, Online ISSN: 0975-1084)</p> <p>3) Sonarkar, P. R., and Chaurasia A. S. (2018). Thermal performance of three improved biomass-fired cookstoves using fuel wood, wood pellets and coconut shell. <i>Environment Development and Sustainability. Elsevier publisher</i> DOI: https://doi.org/10.1007/s10668-018-0096-0 (Print ISSN: 1387-585X, Online ISSN: 1573-2975)</p>
Editors of Books	
Chapters Published	
Patent filled	Title of the Invention: "" Application No.: Status: Application Accepted and Published (11/10/2023)
Membership of Professional Body	Life Associate Member of the Indian Institute of Chemical Engineers (IIChe), Membership No. LAM-61814
Years of experience	9