


**SRES', Sanjivani College of Engineering, Kopargaon**  
(An Autonomous Institute affiliated to SPPU, Pune)

**Staff Profile**

Personal Information			
<b>Name of Teaching Staff:</b> Mr. Ravindra Shivaji Kolhe			
<b>Designation:</b> Assistant Professor			
<b>Department:</b> Mechanical Engineering			
<b>Date of joining :</b> 22/2/2022			
<b>E Mail ID :</b>	<a href="mailto:kolheravindranech@sanjivani.org.in" style="color: blue; text-decoration: underline;">kolheravindranech@sanjivani.org.in</a>		
<b>Contact No:</b>	(+91) 8108534321		
Education Details			
Qualification	Specialization with Class or Grade	University	Year
UG	Mechanical engineering	Pune University	2012
PG	Mechanical Engineering Heat power	Savitribai Phule Pune university	2015
Ph.D.	Mechanical Engineering	Pursuing	
Total experience in years:			
<b>Teaching:</b>	10 years		
<b>Industry:</b>	1 years		
Research and Publications			

- 1) Enhancing Quality Control with Data Science and Statistics: Applications and Insights, Computer Research and Development (ISSN No:1000-1239) Volume 25 Issue 2 2025 (SCOPUS Indexed)
- 2) Design and analysis of Geographical aspects using Cannister- Sized Satellite Navigation, Kronika Journal, ISSN NO-0023:4923, VOLUME 25 ISSUE 4 2025 (SCOPUS Indexed)
- 3) Heat Exchanger for Distillation Plant: A Review, Shodhasamhita, volume-IX, Issue-II (VI) July-December 2022. (UGC Care)
- 4) A CHF Model for Pool Boiling on Rough Surface under Exponential Heat Supply International Journal of Advanced Engineering Research and Science (IJAERS) Vol-9, Issue-6; Jun, 2022
- 5) “An Experimental Investigation on the Effect of  $\text{Al}_2\text{O}_3\text{-H}_2\text{O}$  and  $\text{CuO- H}_2\text{O}$  Nanofluid on the Efficiency of Flat-plate Solar Collectors”, International Journal of Science and Research, Volume 4 Issue 9, September 2015
- 6) “Experimental Study of Loop Thermosyphon Solar Water Heater Using Water and  $\text{Al}_2\text{O}_3$  Nanofluid as Working Fluid”, International Journal for Scientific Research & Development| Vol. 3, Issue 06, 2015
- 7) “Evaluation of the Thermal Performance of Thermosyphon Heat Pipe Solar Collector with Copper oxide as Nanofluid”, International Journal of Scientific and Research Publications, Volume 5, Issue 10, October 2015

Research Profile URL	
Google Scholar	<a href="https://scholar.google.com/citations?user=IPEHk08AAAAJ&amp;hl=en">https://scholar.google.com/citations?user=IPEHk08AAAAJ&amp;hl=en</a>
Scopus	---

#### Books/Book Chapters:

Books Published	<p><b>Book Title:</b> Numerical in Heat Transfer  <b>ISBN:</b> 978-93-7020-737-0  <b>Publisher:</b> Selfypage Developers Pvt Ltd.  <b>Google books:</b>  <a href="https://books.google.co.in/books/about?id=dbxxEQAAQBAJ&amp;redir_esc=y">https://books.google.co.in/books/about?id=dbxxEQAAQBAJ&amp;redir_esc=y</a></p>
IPRs/Patents	<p><b>Patent Granted: 09</b></p> <p><b>01 Sofa With Built-In Air Conditioning System</b>  Certificate No: 167258  Design No: 409963-001  Date of Issue: 02/05/2024</p> <p><b>02 Tricycle Rickshaw</b>  Certificate No: 148350  Design No: 396355-001  Date of Issue: 15/11/2023</p> <p><b>03 Suspension Test Analyzer</b>  Certificate No: 142892  Design No: 388063-001  Date of Issue: 30/08/2023</p> <p><b>04 Foldable Cargo Bicycle</b>  Certificate No: 157697  Design No: 398670-001  Date of Issue: 21/02/2024</p> <p><b>05 Grilled Trolley Cargo Bicycle</b>  Certificate No: 157012  Design No: 396338-001  Date of Issue: 15/02/2024</p> <p><b>06 Three Seater Cargo Bicycle</b>  Certificate No: 167519  Design No: 396335-001  Date of Issue: 02/05/2024</p> <p><b>07 Multi-Stamp Rotator</b>  Certificate No: 183057  Design No: 426250-001  Date of Issue: 08/08/2024</p> <p><b>08 Cargo Bicycle With Suspension Mounted On Rear Shaft</b>  Certificate No: 182538  Design No: 398593-001  Date of Issue: 15/10/2024</p> <p><b>09 Solar Powered Grass Cutter</b>  Certificate No: 168338  Design No: 398595-001  Date of Issue: 09/05/2024</p>

<b>Professional Memberships:</b>	Member of Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)
<b>Interaction with professional institutions</b>	--

<b>Consultancy Activities</b>			
<b>Duration</b>	<b>Title of Activity</b>	<b>Issued Organization</b>	<b>Amount</b>
September to December 2024	Industrial Project	JIJAI Industries pvt ltd MIDC Waluj, Sambhaji Nagar	20000

<b>Awards</b>
<ol style="list-style-type: none"> <li>1. Recognized as <b>NPTEL DISCIPLINE STAR JAN-APR 2025</b> by <b>NPTEL 'Swayam</b></li> <li>2. Bureau of Energy Efficiency Certified <b>Energy Manager</b></li> </ol>

<b>FACULTY DEVELOPMENT PROGRAMMES ATTENDED</b>				
<b>Name of the FDP / Workshop</b>	<b>Organization</b>	<b>Duration</b>	<b>Month-Year</b>	
AI Innovations and MATLAB Solutions	PCET'S, Pimpri Chinchwad College of Engineering & Research, Ravet.	1 week	23/9/2024 to 28/9/2024	
AI Enhanced Research Writing: Tools, Techniques and Best Practices for Academics	Ballari institute of Technology and Management Karnataka Tamil Nadu India	1 Week	2/9/2024 to 5/9/2024	
Recent Trend in Heating, ventilation, and Air-conditioning and Refrigeration	Marathwada Mitra Mandal college of Engineering Pune	5 days	26-30 Dec 2023	
Quantitative Research with IBM SPSS	Department of MBA, Sanjivani College of Engineering, Kopergaon	1 Week	26th to 30th September 2022	
Python Programming for Artificial Intelligence	Department of CSE NIT Warangal	5 days	25-04-2022 to 29-04-2022.	
Inculcating Universal Human Values in Technical Education	All India Council for Technical Education	5 days	9 August 2021 to 13 August, 2021.	
FDP on "Energy Engineering	AICTE Training and Learning (ATAL) Academy	5 days	14-12-2020 to 18-12-2020	
Training on static Equipment's	Scootoid Elearning	5 days	5/8/2025 to 9/8/2025	

Training on solid works	Inter skill solution Thane	1 Week	15/1/2024 to 25/1/2024
FDP- Heat Exchanger: Fundamental and Design Analysis	NPTEL		JULY -Oct 2023
FDP: Data Science for Engineers	NPTEL		JULY -Sept 2023

OTHER Professional URLs	
Personal Website	-ravindrakolhe.wordpress.com
Linked In Profile	-https://www.linkedin.com/in/ravindra-kolhe-5b1199218/
GitHub URL	-https://github.com/ravikolhe10-code
YouTube Channel	https://www.youtube.com/@ravindrakolhe7575

**Any Other:--**