


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

**Staff Profile**

Personal Information			
<b>Name of Teaching Staff: (Dr.) Amol Dnyaneshwar Wable</b>			
<b>Designation: Assistant Professor</b>			
<b>Department : Mechanical Engineering</b>			
<b>Date of joining : 16<sup>th</sup> June 2016</b>			
<b>E Mail ID :</b>	<a href="mailto:wableamolmech@sanjivani.org.in" style="color: blue; text-decoration: underline;">wableamolmech@sanjivani.org.in</a>		
<b>Contact No:</b>	<b>(+91) 9561920034</b>		
Education Details			
Qualification	Specialization with Class or Grade	University	Year
UG	Production Engineering	Dr. B.A.M.U.	2010
PG	Production Engineering	V.J.T.I Mumbai University	2013
Ph.D.	Production & Industrial Engineering	C.O.E.P Pune University	2023
Total experience in years:			
<b>Teaching:</b>	<b>11 years</b>		
<b>Industry:</b>	<b>1</b>		
Research and Publications			
<div style="margin-top: 10px;"><div>1) A D, W., S B, P., &amp; S S, P. (2023). Artificial neural network prediction and grey relational grade optimisation of friction stir processing. Cogent Engineering, 10(1). <a href="https://doi.org/10.1080/23311916.2022.2107760" style="color: blue; text-decoration: underline;">https://doi.org/10.1080/23311916.2022.2107760</a></div><div>2) Wable, A., Gholap, A., Gunjal, M., Kshirsagar, D., &amp; Ahmad, F. (2025). A comprehensive review of electric vehicles, battery storage, charging infrastructure, and policy frameworks. Studies in Science of Science, 43(5).</div><div>3) Nagarkar, M., Bhalerao, Y., Sashikumar, S. Wable, A.et al. Multi-objective optimization and experimental investigation of quarter car suspension system. Int. J. Dynam. Control 12, 1222–1238 (2024). <a href="https://doi.org/10.1007/s40435-023-01262-x" style="color: blue; text-decoration: underline;">https://doi.org/10.1007/s40435-023-01262-x</a></div></div>			

## Book Chapter

Sr No	Name of Author	Title of Book Chapter	Title of Book	Published	Page No.
01	A D Wable S B Patil	Experimental Investigation of Mechanical Properties of AA 7075-T6 by Friction Stir Processing	Recent Advances in Manufacturing Processes and Systems	Springer Nature	pp 465–477

Research Profile URL	
Google Scholar	<a href="https://scholar.google.com/citations?user=ScqPzYMAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=ScqPzYMAAAAJ&amp;hl=en</a>
Scopus	<b>Scopus Author ID:</b> <a href="https://www.scopus.com/results/authorNamesList.uri?sort=count-">https://www.scopus.com/results/authorNamesList.uri?sort=count-</a>
Orcid	<a href="https://orcid.org/0000-0002-2771-5642">https://orcid.org/0000-0002-2771-5642</a>
Other Research Details	
<b>Ph D Guide ?Give field &amp; University:</b>	<b>PhD Guide:</b> No <b>Field:</b> <ul style="list-style-type: none"> <li>✓ Friction Stir Welding and Processing</li> <li>✓ Optimization</li> <li>✓ Characterization of Material</li> </ul> <b>University:</b> SPPU, Pune

<b>Ph Ds/ Projects Guided:</b>	Nil
<b>Books Published</b>	-
<b>IPRs/Patents</b>	<p><b>Patent Granted: 08</b></p> <p><b>1. Solar Powered Food Cart</b>  Certificate No:  Design No.: 438272  Date of Issue: 07/02/2025</p> <p><b>2. Hexa Penta Spanner Plate</b>  Certificate No:  Design No.: 435109  Date of Issue: 03/02/2025</p> <p><b>3. Multi Tool Drafter</b>  Certificate No:  Design No.: 436954  Date of Issue: 06/02/2025</p> <p><b>4. Stamping Slab Plate</b>  Certificate No:  Design No.: 434927  Date of Issue: 24/03/2025</p> <p><b>5. Ecosmart Gardenbot</b>  Certificate No:  Design No.: 432540  Date of Issue: 23/12/2024</p> <p><b>6. Hair oil Comb</b>  Certificate No:  Design No.: 423069  Date of Issue: 05/12/2024</p> <p><b>7. Magnetic Sheet Metal</b>  Certificate No:  Design No.: 429692  Date of Issue: 14/11/2024</p> <p><b>8. Talkhelmet</b>   Certificate No:  Design No.: 431673  Date of Issue: 25/09/2024.</p> <p><b>9. Switch Board With an Integrated LED Light</b>  Certificate No:  Design No.: 430863  Date of Issue: 11/11/2024</p>

Professional Memberships:			
Interaction with professional institutions	--		
Consultancy Activities			
Duration	Title of Activity	Issued Organization	Amount
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Grants fetched			
Duration	Title	Issued Organization	Amount
Awards			
<div>Reviewer of the International Journals</div> <div><div>1) Journal of Aerospace Engineering (ASCE)</div><div>2) Composites Part B-Engineering (Elsevier)</div><div>3) Composite Structures (Elsevier)</div><div>4) Applied Acoustics (Elsevier)</div><div>5) International Journal of Mechanical Sciences (Elsevier)</div><div>6) Materials and Design (Elsevier)</div><div>7) Applied Mathematical Modelling (Elsevier)</div><div>8) European Journal of Mechanics A/Solids (Elsevier)</div><div>9) International Journal of Applied Mechanics (World Scientific)</div><div>10)Mechanics of Advanced Materials and Structures (Taylor &amp; Francis)</div><div>11)Journal of Mechanical Science and Technology (Springer)</div><div>12)International Journal of Structural stability and Dynamics (World Scientific)</div><div>13)Journal of the Brazilian Society of Mechanical Sciences and Engineering (Springer)</div><div>14)Meccanica (Springer)</div></div>			

FACULTY DEVELOPMENT PROGRAMMES ATTENDED				
Name of the FDP / Workshop	Organization	Duration	Month-Year	
Academic Entrepreneurship & Research	MSFDA Pune	5 days	7 <sup>th</sup> to 11 <sup>th</sup> Oct 24	
One week international level FDP AI Innovating and MATLAB solutions	PCCOE, Pune	6 days	23 <sup>rd</sup> to 28 <sup>th</sup> Sept 2024	
Strengthening Capacity for Internationalization in Indian Higher Education Institutions	MSFDA Pune	4Days	10 <sup>th</sup> to 13 <sup>th</sup> Dec 2024	
FACULTY DEVELOPMENT PROGRAMMES ORGANIZED				
Name of the FDP / Workshop	Organization	Duration	Month-Year	Capacity
INVITED LECTURES IN CONFERENCE/SEMINAR				
Title of Lecture/ Academic Session	Title of Conference/ Seminar etc.	Organized By		

<b>OTHER Professional URLs</b>	
<b>Personal Website</b>	-
<b>Linked In Profile</b>	-
<b>GitHub URL</b>	-
<b>YouTube Channel</b>	<a href="https://www.youtube.com/channel/UCp66i_tIW1vxg0FO-nNAjYA">https://www.youtube.com/channel/UCp66i_tIW1vxg0FO-nNAjYA</a>
<b>Other</b>	<b>Researchgate Profile</b>

