

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

**Staff Profile**

<b>Personal Information</b>			
Name of Teaching Staff: Mr. Kiran N.Wakchaure			
Designation: Assistant Professor			
Department : Mechatronics Engineering			
Date of joining : 14- Feb-2011			
E Mail ID :	<a href="mailto:wakchaurekiranmk@sanjivani.org.in">wakchaurekiranmk@sanjivani.org.in</a>		
Contact No:	7588025393		
<b>Education Details</b>			
Qualification	Specialization with Class or Grade	University	Year
UG	Mechanical Engineering	S.P.P.U	2009
PG	M.E Design	S.P.P.U	2011
Ph.D	Pursuing	S.P.P.U	2021
<b>Total experience in years:</b>			
Teaching:	10 years		
Industry:	1 Year		
<b>Research and Publications</b>			
1. K.N. Wakchaure, A.G. Thakur, Vijay Gadakh, A. Kumar, Multi-Objective Optimization of Friction Stir Welding of Aluminium Alloy 6082-T6 Using hybrid Taguchi-Grey Relation Analysis- ANN Method, Materials Today: Proceedings, Volume 5, Issue 2, Part 2, 2018, Pages 7150-7159, ISSN 2214-7853, <a href="https://doi.org/10.1016/j.matpr.2017.11.380">https://doi.org/10.1016/j.matpr.2017.11.380</a> . ( <a href="https://www.sciencedirect.com/science/article/pii/S2214785317326482">https://www.sciencedirect.com/science/article/pii/S2214785317326482</a> )			
<b>Research Profile URL</b>			
Google Scholar	<a href="https://scholar.google.com/citations?user=VkCyplUAAA&amp;hl=en">https://scholar.google.com/citations?user=VkCyplUAAA&amp;hl=en</a>		

Scopus	<a href="https://id.elsevier.com/settings/redirect?code=gQKwzU3AhHuzN94-6TAEdNqDpeAbhuK8OLOJq80q#">https://id.elsevier.com/settings/redirect?code=gQKwzU3AhHuzN94-6TAEdNqDpeAbhuK8OLOJq80q#</a>			
Orcid	<a href="https://orcid.org/my-orcid?orcid=0000-0002-4275-0681">https://orcid.org/my-orcid?orcid=0000-0002-4275-0681</a>			
<b>Other Research Details</b>				
Ph D Guide ?Give field & University:				
Ph Ds/ Projects Guided:	<ol style="list-style-type: none"> <li>1. IoT based Hydroponics Farming System</li> <li>2. Predictive maintenance of Gearbox</li> <li>3. AR based compound Pedulum System</li> <li>4. Finite Element Analysis of Friction Stir welding</li> <li>5. Design and Development of Rover</li> <li>6. ML based sugarcane cutting machine</li> </ol>			
Books Published	--			
IPRs/Patents	<b>3 Patents Published</b>			
Professional Memberships:	<b>Association For Machines and Mechanisms, Institution of Engineers</b>			
Interaction with professional institutions				
<b>Consultancy Activities</b>				
<b>Duration (From- To)</b>		<b>Title of Activity</b>	<b>Issued Organization</b>	<b>Amount</b>
2019	2019	Finite Analysis of Anti Riot Helmet	IIT Bombay	<b>60000</b>
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<b>Grants fetched</b>				
<b>Duration (From- To)</b>		<b>Title</b>	<b>Issued Organization</b>	<b>Amount</b>
<b>2019</b>	<b>2022</b>	Underwater friction stir welding of Magnesium Alloy	Aspire, SPPU Pune	<b>2,70,000/-</b>
<b>2016</b>	<b>2018</b>	friction stir welding of Aluminum Alloy	<b>BCUD, SPPU Pune</b>	<b>2.00.000/-</b>
<b>Awards</b>				

**FACULTY DEVELOPMENT PROGRAMMES ATTENDED**

Name of the FDP / Workshop	Organization	Duration	Month-Year
The PRAIRIE / MIAI Artificial Intelligence Summer School	INRIA and the institutes PRAIRIE and MIAI, France	9 Days	July 2021
Introduction to R Software	Introduction to R Software	8 Week	Aug-Oct 2019
Kinematics of Mechanisms and Machines	Kinematics of Mechanisms and Machines	8 Week	Jan-Mar 2019
Spur and helical gear cutting	Spur and helical gear cutting	8 Week	Jul-Aug 2017
Joining Technologies for metals	Joining Technologies for metals	8 Week	Jan-Mar 2017

**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
Nil		

**OTHER Professional URLs**

Personal Website	
Linked In Profile	<a href="https://www.linkedin.com/in/kiran-wakchaure-40670a59/">https://www.linkedin.com/in/kiran-wakchaure-40670a59/</a>
GitHub URL	<a href="https://github.com/wakchaurekiran">https://github.com/wakchaurekiran</a>
YouTube Channel	<a href="https://www.youtube.com/channel/UCcw1HPWx6xS787JmAA9g95A">https://www.youtube.com/channel/UCcw1HPWx6xS787JmAA9g95A</a>

<b>Other</b>	<a href="https://orcid.org/my-orcid?orcid=0000-0002-4275-0681">https://orcid.org/my-orcid?orcid=0000-0002-4275-0681</a> <a href="https://www.slideshare.net/kiran_wakchaure/edit_my_uploads?page=1">https://www.slideshare.net/kiran_wakchaure/edit_my_uploads?page=1</a>
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**Any Other:**