


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

Staff Profile

Personal Information			
Name of Teaching Staff: Dr Sachin Vasant Chaudhari			
Designation: Associate Professor & Research Coordinator			
Department : Electronics & Computer Engineering			
Date of joining : 21/07/2010			
E Mail ID :	chaudharisachinece@sanjivani.org.in		
Contact No:	9527740879		
Education Details			
Qualification	Specialization with Class or Grade	University	Year
Diploma in Industrial Electronics	First Class	MSBTE	2000
UG	First Class	North Maharashtra University, Jalgaon	2004
PG	First Class	Shri Savitribai PhulePune University Pune	2013
Ph.D	_____	Shri .Jadishprasad. Jhabarmal Tibrewala University	2018
Total experience in years:			
Teaching:	17 Years		
Industry:	1.5Years		
Research and Publications			
<ol style="list-style-type: none"> 1. "Third eye for visually impaired person",Gradiva review journal,Volume:9, Issue: 02,2023, Page.no: 494-498,DOI:10.37897.GRJ.2022.V8I12.22.50789, ISSN.no: 0363-57.(Scopus). 2. "Reliable Densely Connected Network with Machine Learning based Diabetic Retinopathy Grading Approac", Proceedings of the International Conference on Automation, Computing and Renewable Systems (ICACRS 2022)IEEE Xplore Part Number: CFP22CB5-ART: ISBN: 978-1-6654-6084-2 (Scopus). 3. "Modified Aquila Optimization based Route Planning Model for Unmanned Aerial Vehicles Networks", Proceedings of the International Conference on Automation, Computing and Renewable Systems (ICACRS 2022) IEEE Xplore Part Number:CFP22CB5-ART:ISBN: 978-1-6654-6084-2, (Scopus). 			

4. "Bayesian Optimization with Deep Learning based Crop Type Classification on UAV Imagery", Proceedings of the International Conference on Augmented Intelligence and Sustainable Systems (ICAISS-2022) DVD Part Number: CFP22CB2-DVD; ISBN: 978-1-6654-8961-4, **(Scopus)**.
5. "Automated Deep Learning with Wavelet Neural Network Based Rice Plant Classification", International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT 2023), IEEE Xplore **(Scopus)**.
6. "Performance Analysis of Rician Channel in Orthogonal Frequency Division Multiplexing" Journal of Advances and Applications in Mathematical Sciences, Mili Publication, Volume 21, Issue 9, July 2022, Pages 5145-5151. ISSN 0974-6803. **(ESCI Web of Science)**.
7. "Perception of Objects Qualities using Deep Learning CNN architecture 'NavNet' AIP Conference Proceedings. March 2022, Pages 246-255, ISSN: 0094-243X. **(Scopus)**.
8. "Load Flow Analysis of 6 MW Biomass Power Plant," Networks and Systems, vol.no.191. Springer, Singapore. https://doi.org/10.1007/978-981-16-0739-4_20, ISSN: 2367-3389. **(Scopus)**.
9. "Hybrid Peddle and Solar Electric Vehicle for Physically Challenged People", Journal of test engineering & management, Vol.no.83 Page.no: 2037 - 2042, Issue: March - April 2020, ISSN: 0193-4120. **(Scopus)**.
10. "Solar energy system with photovoltaic", journal of test engineering & management, volume 83, pages: 2010-2017, Issue: March - April 2020, ISSN: 0193-4120. **(Scopus)**.
11. "UV- Bottle with TDS Indicator " Dogo Rangsang Research Journal , Volume 12, Issue 12, no 1, December 2022, Pages 182-184. ISSN 2347-7180. **(UGC Care)**
12. "UV- Bottle with pH Indicator " Dogo Rangsang Research Journal , Volume 12, Issue 10, no 2, October 2022, Pages 182-184. ISSN 2347-7180. **(UGC Care)**

Papers presented in conferences:

1. Manik T. Shinde, R. Arulmurugan, Sachin V. Chaudhari, Prashant V. Thokal, "Study of Hybrid Wind-Solar Green Energy System ", International conference on pervasive computing (ICPC-2020), Sinhgad College of Engineering , Pune, Feb 13th & 14th 2020 Test Engineering and Management, *ISSN: 0193-4120 Page No. 2010 - 2017, March - April 2020*

<http://testmagzine.biz/index.php/testmagzine/issue/view/8>

2. Prashant V. Thokal, Manik T. Shinde, R. Arulmurugan, Sachin V. Chaudhari, "Hybrid Peddle and Solar Electric Vehicle for Physically Challenged People ,", International conference on pervasive computing (ICPC-2020), Sinhgad College of Engineering , Pune, Feb 13th & 14th 2020

https://www.researchgate.net/publication/343808758_Hybrid_peddle_and_solar_electric_vehicle_for_physically_challenged_people

Research Profile URL

Google Scholar	https://scholar.google.com/citations?user=KAwKmlcAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=58093988900
Orcid	https://orcid.org/0009-0005-8856-8905

Other Research Details

Ph D Guide ? Give field & University:	1. Ph.D Research Guide at SPPU University, Pune
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	2. Ph.D Research Co-Guide at Shri. J J T University, Rajasthan		
Ph Ds/ Projects Guided:	Presently 03 Research Scholars are persuing their PhD		
Books Published	Nil		
Patents	04 Published		
Professional Memberships:	<i>1. Member of Institution Engineers (MIE-161046-5)</i> <i>2. Member of International Association of Engineers (Member Number: 350222)</i> <i>3. Member of IAENG Society of Artificial Intelligence.</i> <i>4. Member of IAENG Society of Computer Science.</i> <i>5. Member of IAENG Society of Internet Computing and Web Services</i> <i>6. Member of IAENG Society of Imaging Engineering Member of IAENG Society of Wireless Networks</i>		
Interaction with professional institutions	---		
Consultancy Activities			
Duration	Title of Activity	Issued Organization	Amount
Nil	Nil	Nil	Nil
Grants fetched			
Duration	Title	Issued Organization	Amount
Nil	Nil	Nil	Nil
Awards			
Received Distinguish Engineer Award by IRDO in 2018.			
FACULTY DEVELOPMENT PROGRAMMES ATTENDED			
Name of the FDP / Workshop	Organization	Duration	Month-Year
One-week Faculty Development Program on “New Challenges & Issue of Indian Electricity Market for Upcoming Decade-2030”	Organized by Department of Electrical Engineering,Sandip Institute of Technology & Research Centre, Nashik.MSEDCL’S Institute of Training & Safety, Eklahare, Nashik	One week	11.05.2020 to 15.05.2020.
National Level One week Faculty Development Program on Arduino	Electronics & Telecommunication Engineering Department of Sou. Venutai Chavan Polytechnic, Pune	One week	25th May 2020 to 29th May 2020.
One Week Faculty Development Programme on"Future Technologies for Smart Cities"	Department of Electronics and Telecommunication Engineering of Shri Sant Gajanan Maharaj College of Engineering, Shegaon, Maharashtra, India.	One week	1st - 5th, Feb. 2021
Trajectories of professional Development :Harnessing the power of Business communication	Ramrao Adhik Institute of Technology, Nerul	{03 Days}	15-17 June 2020

National Education Policy 2020	Sanjivani COE, Kopargaon	{01 days }	10 April 2020	
FDP on “Role of National Education Policy in Nation Building	Vidarbha Institute Of Technology, Nagpur, Nder Tequip-Iii,	{01 days }	26th March 2021.	
FACULTY DEVELOPMENT PROGRAMMES ORGANIZED				
Name of the FDP / Workshop	Organization	Duration	Month-Year	Capacity
Nil	Nil	Nil	Nil	Nil
INVITED LECTURES IN CONFERENCE/SEMINAR				
Title of Lecture/ Academic Session	Title of Conference/ Seminar etc.		Organized By	
Nil	Nil		Nil	

OTHER Professional URLs	
Personal Website	NIL
Linked In Profile	https://www.linkedin.com/me?trk=p_mwlite_wvmp-secondary_nav
GitHub URL	NIL
YouTube Channel	@dr. sachinchaudhari3345
Other	NIL

Any Other: --