

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

Staff Profile

Personal Information			
Name of Teaching Staff: (Mr).Atul A Joshi			
Designation: Assistant Professor			
Department : Mechanical Engineering			
Date of joining : 4th February 2013			
E Mail ID :	joshiatulmech@sanjivani.org.in ; tnpmech@sanjivani.org.in ;		
Contact No:	(+91) 9923422855		
Education Details			
Qualification	Specialization with Class or Grade	University	Year
UG	Mechanical Engineering	Pune University	2006
PG	Design Engineering	Pune University	2012
Ph.D.	Mechanical Engineering	Pune University	Pursuing
Total experience in years:			
Teaching:	12 years		
Industry:	3 Years		
Research and Publications			
<u>Title of Paper:</u> 1) Fracture Analysis of Laminated composite plates using Extended Finite Element Method: A Review. 2025 International conference on recent trends in computing			
2)Experimental Optimization of Thickness of Protective Padding for Two-Wheeler Rider's Applied Mechanics and Materials Vol. 612 (2014) pp 139-143 © (2014) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/AMM.612.139			

Research Profile URL	
Google Scholar	https://scholar.google.com/citations?hl=en&user=VagfCy4AAAAI
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56335968400
Other Research Details	
Professional Memberships:	<ul style="list-style-type: none"> ✓ Member of Institute of Engineers India ✓ Life Member of Indian Society of Technical Education (ISTE)

FACULTY DEVELOPMENT PROGRAMMES ATTENDED			
Name of the FDP / Workshop	Organization	Duration	Month-Year
Engineering Fracture Mechanics course	NPTEL	12 weeks	October 2024
Static equipment design	Scootoid Engineering	5days	5 to 9 August 2024
Research and publication ethics course by Pune university	University of Pune	1 Month	10/12/2024 to 10/01/2025
Geometrical Design and Tolerancing (GD&T) based Project work with MechaTol Product Engineering Pvt Ltd	Course designed as Per ASME Y14.5 2009 standards		

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED				
Name of the FDP / Workshop	Organization	Duration	Month-Year	Capacity
Research Areas in Mechanical Engineering	AICTE	7 days	October 2021	54 participant

Personal Website	-
Linked In Profile	-
GitHub URL	-
YouTube Channel	https://www.youtube.com/channel/UCUn2o58aamrBPu3azNoqLAA/videos

Patents-

Sr. No.	Title of Patent	Registration and Date	Published Date	Granted Date
1)	Monitoring battery water level indicator for inverter using IOT devises	05/08/2024	01/10/2024	01/10/2024
2)	Three seater cargo bicycle	39335-001 29/09/2023	02/05/2024	02/05/2024
3)	Grilled Trolley cargo bicycle	396338-001 29/09/2023	15/02/2024	15/02/2024
4)	Tricycle Rickshaw	396355-001 29/09/2023	15/11/2023	15/11/2023
5)	Linearly Foldable Headgear for Auto riders	1083/MUM/201 2	06/01/2022	06/01/2022

Any Other:

Department Responsibilities: Training & Placement Representative.

I established good relations with industry to benefit institute and students in terms of internships and job offers. Represented Institute on various forum and worked for student committees.

Subjects Taught- Numerical Methods, Industrial Automation, Product Design and Development
Hydraulics & Pneumatics, Manufacturing Process, Environmental studies,

Value Added course conduction: MATLAB programming and simulation ,Lecture on Introduction to Intellectual Property Rights Encouraged students for projects based in nearby Industry.