

Staff Profile



Personal Details:			
Name of the Staff	Dr. Harshal Subhash Rane		
Name of the Department	Mechanical Department		
Designation	Head, Mechatronics Engineering		
Area of Specialization	Thermal, Design & Manufacturing		
Contact No	9421148626		
Email Id	Harshal.rane@sndcoe.ac.in		
Qualification:			
Course	Specialization	Year	
Doctor of Philosophy	Mechanical Engineering	2021	
Master of Engineering	Mechanical (Design Engineering)	2014	
Bachelor of Engineering	Mechanical Engineering	2012	
Experience Details:			
Sr. No	Organization Name	Post	No of Years
1	SND College of Engineering & Research Center, Yeola	Head, Mechatronics Engineering	April 2021 to Till date
2	KBSs College of Engineering & Technology NMKC, Jalgaon	Assistant Professor	6.5
3	Sant Muktabai Institute of Technology, Jalgaon	Lecturer in Mechanical	0.5
Publication Details:			
Sr.No	Paper Title	Name of Journal	Years
1	Optimizing Small-Scale HAWT Blade Performance via Compressed Fluid Dynamics	Nanotechnology Perceptions	2024
2	Defect Categorization of Ribbon Blender Worm Gearbox Worm Wheel and Bearing Based on Artificial Neural Network	Eksploatacja Niezawodnosc Maintenance & Reliability	2024
3	Analysing the Efficiency and Emissions of a Gasoline Engine Running on a Blend of Ethanol and Butanol Fuel	International Journal Of Vehicle Structures And Systems	2024
4	An Investigation By Testing Performance And Comparative Analysis Of Super Glue Bond, Adhesive Bond Against Ultrasonic Plastic Welded Joint Of Two Overlapped Joints Of Thermoplastics	Corrosion and Protection	2023
5	Joint Analysis Of Steel Beam-CFST Columns Confined With CFRP Belt And Rebar Employing Finite Element Method	China Petroleum Processing and Petrochemical Technology	2023
6	Design And Evaluation Of A Steel Structure For Gradual Collapse	European Chemical Bulletin	2023
7	An investigation and comparison of tensile strength in Fiber Sandwiched Wood Composite (FSWC) materials subjected to axial loading	Materials Today: Proceedings, Elsevier	2021
Subject Taught:			
Sr.No	Class / Course	Name of The Subject	
1	BE	CIM,	
2	TE	NSM, CM	
3	SE	HMT, FMM	
4	FE	SME	