

Faculty Information

Personal Information

Name of the Faculty

Mr. Rakesh Shrikant Motgi

Designation

HOD

Department

Mechanical

Email

motgi06@gmail.com



Qualification Details

Sr. No.	Exam Passed	Board /University	Year of Passing
01	P.G.(Mechanical)	Solapur University	2017
02	U.G.(Mechanical)	Solapur University	2008
03	HSC	Pune Board	2002

Work Experience

Teaching Experience: 14

Industrial Experience: 01

Total Experience: 15

Subject Taught till date

Thermal Engineering (TEN), Power Engineering (PEN), Mechanical Engineering Drawing (MED), Engineering Graphics (EGG), Engineering Drawing (EDR), Basic Mechanical Engineering (BME), Mechanical Engineering Measurement (MEM), Design of Machine Element (DME), Theory of Machine (TOM)

Membership with Professional Bodies

1. ISTE (Indian society for Technical Education) Life Member LM123624

Paper Publications			
Sr. No.	Title	Published Journal	Year of Publication
01	Effect of Speed, Feed and Depth of Cut on vibration of cutting tool	International Journal of Innovative and Emerging Research in Engineering. (IJIERE)	2017
02	Effect of Speed, Feed and Depth of Cut on surface roughness of SS304 material	International Journal of Innovative and Emerging Research in Engineering. (IJIERE)	2017
03	Strength Analysis of Graphite-Epoxy-Coconut Coir Composite Material	Techno-societal 2018, Springer Publication	2018
04	Learning Style Analysis of Diploma Engineering Students	International Journal for Science & Advance Research in Technology	2019
05	Experimental Analysis of Thermal Energy Using Phase change material	National Conference on Innovative Trends in Engineering & Technology Journal: IJIERT	2020
06	Experimental Investigation of Effect of Process Parameters for Improving Tensile Strength of PLA Plastic Using Taguchi Method.	Journal of Huazhong University of Science and Technology ISSN: 1671-4512 (Scopus indexed)	2020
07	Implementation of technology in education in Covid-19	International Journal for research in applied science and engineering technology	2020
08	Design & Optimization of Prosthetic Arm (Prototype Model)	Techno-societal 2022, Springer Publication	2022
09	Optimization of 3D printing Process Parameters for Improving Hardness of PLA Plastic Using Taguchi Method	(AIP Conference Proceedings) Scopus indexed Volume 2794, Issue 1 4 October 2023 https://doi.org/10.1063/5.0165714	2023

Patents
1] Filed 2 patents named as design of Bolt and Spanner and it is accepted and Published in the Patent Office Journal No. 07/2019 dated 15/02/2019.
2] Filed 2 patents named as Bolt and Spanner and result waited.