

Publications in 2019-20

Sr.No.	Name of the author	Title of the paper	Title of the journal	Year of publication	Citation Index
1	Dr. M. B. Vanarotti	Heterogeneous composites for low and medium temperature thermal insulation: A review	Energy & Buildings	2019	2
2	Prof. S.P.Jadhav	A review paper: Development of novel friction material for vehicle brake pad application to minimize environmental and health issues	Materials Today: Proceedings	2019	5
3	Dr. Vishal S. Patil	A novel FRET probe for determination of fluorescein sodium in aqueous solution: Analytical application for ophthalmic sample	Indian Journal of Chemistry	2019	1
4	Dr. Vishal S. Patil	Fluorescence resonance energy transfer from pyrene nanoparticles to riboflavin: Spectroscopic insights and analytical application	Indian Journal of Chemistry	2020	—
5	Dr. S.S. Potdar & Dr. Vishal S. Patil	Nanostructured CdO-ZnO composite thin films for sensing application	Journal of Material Science: Materials in Electronics	2020	2
6	Dr. S.S. Potdar	Influence of bath temperature on Microstructure and NH ₃ sensing properties of chemically synthesized CdO thin films	Materials Science-Poland	2019	2
7	Dr. S.S. Potdar	Facile Synthesis of Nano-Diced SnO ₂ -ZnO Composite by Chemical Route for Gas Sensor Application	Journal of Electronic Materials	2019	4

8	Prof. V.V. Vanmore	Experimental investigation and parametric optimization of micro holes on inconel 718 using developed μ -AJM set-up	Manufacturing Technology Today	2019	—
9	Prof. S. V. Vanmore	Estimation of level of lever damage due to cancer using deep convolutional neural network in CT images	International Journal of Innovative Technology and exploring Engineering	2019	—
10	Prof. M.M. Hajare	Smart City Waste Monitoring System using Android Application	International Research Journal of Engineering & Technology (IRJET)	2020	—
11	Prof. M.M. Hajare & Prof. S.S. Pujari	An Effective & Optimal Approach for Computational Resource utilisation to improve Computational Accuracy in Grid computing Environment	International Research Journal of Engineering & Technology (IRJET)	2020	—
12	Prof. P. P. Kulkarni	Speed Control of Single Phase Induction Motor Using Cycloconverter	The International journal of analytical and experimental modal analysis	2020	—
13	Prof. A.A. Katkar	Analysis of Effect of SiC Reinforcement on Microstructure and Hardness of Al 6061 and Al 7075	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2020	—
14	Prof. G. C. Koli	Improvement of Mechanical Properties of Aluminium 6061 based Metal Matrix Composite with Addition of Granite Particulate	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2020	—
15	Prof. V.H. Deokar	Real-time controlling and monitoring of Solar drying and Water pumping system using IoT	Mukt Shabd Journal	2020	—
16	Prof. G. C. Koli	Design & Analysis of Belt Conveyor for weight reduction in Foundry	International Research Journal of Engineering & Technology (IRJET)	2020	—