

Faculty Publications Academic Year: 2024 -2025

Sr No.	Name of the author/s	Title of paper	Name of journal	ISSN number	Year of publication
1	Prof. S.S. Petkar	Productivity Improvement in Retail Pharma Store by Using Quality tools – Case Study	international Research Journal of Modernization in Engineering Technology and Science	2582-5208	2024-25
2	Prof. S.S. Petkar	investigation of Metal inert Gas Welding Process Through Different Parameter to Chromium Nickel Stainless Steel and Hot Rolled Medium and High Tensile Structural Steel	international Research Journal of Modernization in Engineering Technology and Science	2582-5208	2024-25
3	Prof.M.A. Sutar	Examination and Verification of Stress Concentration Related to the Orientation of Cutouts in Plates.	international Research Journal of Modernization in Engineering Technology and Science	2582-5208	2024-25
4	Prof. P S Ladgaonkar	Development &; Analysis of Epoxy Based Composite Material by Using Natural Fibers and Finding Its Mechanical Properties and Sliding Wear Behavior	international Research Journal of Modernization in Engineering Technology and Science	2582-5208	2024-25
5	Prof. P S Ladgaonkar	Failure Analysis and Design Optimization of Journal Bearings to Enhanced Performance	international Research Journal of Modernization in Engineering Technology and Science	2582-5208	2024-25
6	Prof. P S Ladgaonkar	Stress Analysis of Chain Sprockets in Belt Conveyor Systems by Using Photostress and Finite Element Analysis Method	international Research Journal of Modernization in Engineering Technology and Science	2582-5208	2024-25
7	Prof. P S Ladgaonkar	Design, Analysis and Optimization of tool inserts to Turning Operations to Enhancing Performance	international Research Journal of Modernization in Engineering Technology and Science	2582-5208	2024-25
8	Prof. P S Ladgaonkar	Optimization of Cutting tool Design and Performance Analysis to Hard to Cut Materia	international Research Journal of Modernization in Engineering Technology and Science	2582-5208	2024-25

9	Prof. P S Ladgaonkar	investigating the influence of Cracks On the Vibration Characteristics of Shaft (Tata Ace) Using theoretical Analysis, Fea and Experimental Methods	international Research Journal of Modernization in Engineering Technology and Science	2582-5208	2024-25
10	Pramod S. Ladgaonkar	investigation and Analysis of infill Pattern and Layer Thickness On Tensile Strength of Pla and Petg Material in 3D Printing	World Journal of Advanced Engineering Technology and Sciences	2582-8266	2024-25
11	Pramod S. Ladgaonkar	Design and Development and Analysis of Fixture to Cylindrical Cap With An Approach 302 to Improve Productivity	INDIAN SOCIETY FOR TECHNICAL EDUCATION	0971-3034	2024-25
12	Pramod S ladgaonkar	Design and Optimization of Anti-Roll Bar	international Research Journal of Modernization in Engineering Technology and Science	2582-8266	2024-25

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1	Prof. M A. Sutar	A Literature review on Implementation of Lean tools in industries and Enterprises	international Journal for Research in Applied Science and Engineering Technology	ISSN:2321-9653	2023-24
2	Dr. H. V. Shete	Optimization of Argon Gas Metal Arc Welding Process Parameters with Regard to Tensile Strength for AISI 310 Stainless Steel Using Taguchi Technique	international Journal of Engineering Research in Africa, Trans Tech Publications Ltd, Switzerland	ISSN: 1663-4144,	2023-24
3	Dr. H. V. Shete	Development of Fuel Filter Cap of Comet Diesel Engine Using Structural Optimization Technique and Additive Manufacturing	Engineering Review	DOI: 10.30765/er.2115	2023-24
4	Dr. H. V. Shete	Effects of Welding Parameters on Mechanical Properties and Microstructure of TIG Welded Joints of AA4043	Journal of Physics: Conference Series,	2604 (2023) 012005	2023-24
5	Dr. H. V. Shete	Mathematical Modeling and Analysis of Surface Roughness in Drilling of AISI 1055 Steel Using Response Surface Methodology	Energy and Environment Focus	1555-130X/2023/7/001/007	2023-24
6	Prof. M. A. Sutar	A Review on Defects in Foundry & their Remedies	international Journal of All Research Education & Scientific Methods	2455-6211	2023-24
7	Prof. M. A. Sutar	Development of Asbestos Free Composite For Friction Lining And Estimation Of Its Tribological Properties	international Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	2395-0056 2395-0072	2023-24

8	Prof. M. A. Sutar	Casting process simulation using AUTOCAD-X and optimization of parameter through DOE	international Journal of All Research Education and Scientific Methods (IJARESM)	2455-6211	2023-24
9	Prof. M. A. Sutar	Implementation of Lean Engineering in Foundry to reduce core rejection in foundry	GIS Science Journal	1869-9391	2023-24
10	Prof. M. A. Sutar	Review Paper on Casting Process Simulation	international Journal of All Research Education and Scientific Methods (IJARESM)	2455-6211	2023-24
11	H. V. Shete.	Comparative Assessment of Wiper Type inserts V/S Standard insert on Diametric Deviations, Surface Roughness, and Machining Time in Turning Operation of Cast Iron	international Research Journal of modernization in Engineering Technology and Science	2582-5208	2023-24
12	Prof. M. A. Sutar	Machine Learning in Machining Process: A Review	Gradiva Review Journal	0363-8057	2023-24
13	Prof. M. A. Sutar	A review on use of Metal Foam in Automotive industry	Gradiva Review Journal	0363-8057	2023-24
14	Prof. M. A. Sutar	Comparative Analysis of Cryogenic & Mql	international Journal on Advanced Science Engineering information Technology	2088-5334	2023-24
15	Prof. M. A. Sutar	Experimental investigation of process parameters of die casting	international Journal of Science Technology and Engineering	2879-789X	2023-24