

SL. No.	Title of article	Authors	Year of publication	Indexing	Link to paper/DOI
1	Experimental Study of Cutting Force on a Cutting Tool during Machining Using Inverse Problem Analysis	Ratan A. Patil et al.	2018	SCI Indexed	DOI.org/10.1007/s40430-018-1411-2
2	Design and Development of Laboratory Scale Flame Tube Apparatus	M. Sreedhar Babu et al.	2019	Scopus	https://doi.org/10.1063/5.0006866
3	Emission Analysis of a Small Capacity Producer gas Engine at Higher Hydrogen Concentration and Compression Ratios	M Sreedhar Babu et al.	2019	Scopus	https://doi.org/10.1007/978-981-32-9971-9_25
4	Adaptation of air gas regulator for small capacity producer gas engines	M Sreedhar Babu et al.	2019	Scopus	https://doi.org/10.1016/j.egypro.2018.11.091
5	A Novel Creep Testing to Study the Effects of Long Range Residual Stress, Elastic Followup and Applied Load	Anilkumar S. et al.	2019	Scopus	https://doi.org/10.1007/s40430-019-1730-y
6	Effect of Pitting Corrosion on the Mechanical Properties of 316 Grade Stainless Steel	Kiran K., et al.	2019	Scopus	https://doi.org/10.1016/j.mater.2019.11.293
7	Study of the interaction of residual stress and applied loading on fracture	Vinayak R. et al.	2019	Scopus	https://doi.org/10.1063/1.5123954
8	Experimental Investigation of Effect of Pitting Corrosion on the Mechanical Properties of 304 Grade Stainless Steel	Kiran K., et al.	2019	Scopus	https://doi.org/10.1063/1.5131595
9	Operational Cutting Force Identification in End Milling Using Inverse Technique to Predict the Fatigue Tool Life	Ratan A. Patil et al.	2020	SCI Indexed	https://doi.org/10.1007/s09977-020-00388-z
10	Experimental Investigation of TIG Welding Parameters and Weld Joint Strength for Carbon Steel- SA516GR70 Material Based on Taguchi Method	Ratan A. Patil et al.	2020	Scopus	DOI: 10.4273/ijvss.14.1.02
11	Modal Frequency study of End Mill Tool with Carbon steel and Cast-Iron Work Material using Impact Excitation	Ratan A. Patil et al.	2021	Scopus	https://doi.org/10.1016/j.mator.2021.11.047
12	Design and Development of Portable Electrical ResistanceFurnace	Anand K. Hosamani et al.	2021	Scopus	doi:10.1088/1757-899X/1065/1/012016
13	Numerical Investigation of wavy channel using several Nanofluids	Anand K. Hosamani et al.	2021	Scopus	doi:10.1088/1757-899X/1065/1/012007
14	Performance Analysis of Double Pipe by Using Different Nanofluids	Anand K. Hosamani et al.	2021	Scopus	https://doi.org/10.1007/978-981-33-4176-0_26
15	Numerical analysis of two tube helical heat exchanger using various nano-fluids	Anand K. Hosamani et al.	2021	Scopus	https://doi.org/10.1016/j.mator.2021.06.187
16	Experimental investigation of heat sinks with and without perforation – Addressing towards higher cooling rates and optimum material	Rajshekar V Unni et al.	2021	Scopus	https://doi.org/10.1007/978-981-33-4176-0_23
17	Measurement of Laminar Flame Speed of LPG-Air mixtures With Cylindrical Flame Tube Method	M. Sreedhar Babu et al.	2021	Scopus	https://doi.org/10.1007/978-981-33-4176-0_25
18	Experimental Study to Understand the Effect of Residual Stress and Applied Load on Creep Relaxation	Anikumar S.	2021	Scopus	https://doi.org/10.1007/978-981-15-4779-9_45
19	Effect of combustible fractions of a sustainable producer gas fuel on SI engine : Combustion and emissions - An experimental analysis	M Sreedhar Babu et al.	2022	SCI Indexed	https://doi.org/10.1080/01457632.2022.2079049