

DEPARTMENT OF MECHANICAL ENGINEERING

Sl. No.	Title of article	Authors	Journal & Publisher	Year of publication	Indexing
1	Design and Development of Laboratory Scale Flame Tube Apparatus	M. Sreedhar Babu et al.	AIP Publications	2019	Scopus
2	Emission Analysis of a Small Capacity Producer gas Engine at Higher Hydrogen Concentration and Compression Ratios	M Sreedhar Babu et al.	Springer Nature Singapore	2019	Scopus
3	Adaptation of air gas regulator for small capacity producer gas engines	M Sreedhar Babu et al.	Energy Procedia, Elsevier	2019	Scopus
4	Operational Cutting Force Identification in End Milling Using Inverse Technique to Predict the Fatigue Tool Life	Ratan A. Patil et al.	Iranian Journal of Science & Technology, Transactions of Mechanical Engineering, Springer Publications	2020	SCI Indexed
5	Experimental Investigation of TIG Welding Parameters and Weld Joint Strength for Carbon Steel- SA516GR70 Material Based on Taguchi Method	Ratan A. Patil et al.	International Journal of Vehicle Structures and Systems, MechAero Publications	2020	Scopus
6	Modal Frequency study of End Mill Tool with Carbon steel and Cast-Iron Work Material using Impact Excitation	Ratan A. Patil et al.	Materials Today: Proceedings, Elsevier Publications	2021	Scopus
7	Design and Development of Portable Electrical Resistance Furnace	Anand K. Hosamani et al.	IOP Conference Series: Materials Science and Engineering	2021	Scopus
8	Numerical Investigation of wavy channel using several Nanofluids	Anand K. Hosamani et al.	IOP Conference Series: Materials Science and Engineering	2021	Scopus
9	Performance Analysis of Double Pipe by Using Different Nanofluids	Anand K. Hosamani et al.	Springer Nature Singapore	2021	Scopus
10	Numerical analysis of two tube helical heat exchanger using various nano-fluids	Anand K. Hosamani et al.	Materials Today: Proceedings, Elsevier Publications	2021	Scopus
11	Experimental investigation of heat sinks with and without perforation – Addressing towards higher cooling rates and optimum material	Rajshekar V. Unni et al.	Springer book chapter	2021	Scopus
12	Experimental investigation of electronic cooling rates considering perforated and dwarf based heat sinks	Rajshekar V. Unni et al.		2021	Scopus
13	Measurement of Laminar Flame Speed of LPG-Air mixtures With Cylindrical Flame Tube Method	M. Sreedhar Babu et al.	Springer Nature Singapore	2021	Scopus
14	Effect of combustible fractions of a sustainable producer gas fuel on SI engine : Combustion and emissions - An experimental analysis	M Sreedhar Babu et al.	Heat Transfer Engineering, Taylor & Francis	2022	SCI Indexed
15	Effect of through slots and dwarf finned heat sinks on electronic cooling load	Rajshekar V. Unni et al.	Springer Nature	2022	Scopus

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