

List of publication (R &D)

22-23

1. Characterization and Machinability Studies of Aluminium-based Hybrid Metal Matrix Composites–A Critical Review

Authors Suhas Prakashrao Patil, Sandeep Sadashiv Kore, Satish Suresh Chinchankar, Shital Yashwant Waware

Publication date 2023/1/30

Source Journal of Advanced Research in Fluid Mechanics and Thermal Sciences

Volume 101 Issue 2

Pages 137-163

2. Surface roughness and topography of EDM machining of Inconel 718

Authors Suhas Prakashrao Patil, G Leela Prasad, Chappeli Sai Kiran, Sanjeev Kumar, V Ramasamy, H Mohammed Ali

Publication date 2023/3/8

Journal Materials Today: Proceedings Publisher Elsevier

21-22

1. Machinability Assessment Of Aisi 4140 Hardened Steel Using Cbn Inserts In Hard Turning.

Authors Bhushan Nikam, Avinash Khadtare, Raju Pawade

Publication date 2021/1/1

Journal International Journal of Modern Manufacturing Technologies (IJMMT) Volume 13 Issue1

2. Internal flow dynamics and performance of pulse detonation engine with alternative fuels

Mahammadsalman Warimani, Muhammad Hanafi Azami, Sher Afghan Khan, Ahmad Faris Ismail, Sanisah Saharin, Ahmad Kamal Ariffin,

Energy, Volume 237,2021,121719,ISSN 0360-5442,<https://doi.org/10.1016/j.energy.2021.121719>.

20-21

1. Emission reduction in diesel engine with acetylene gas and biodiesel using inlet manifold injection

Authors M Sonachalam, P PaulPandian, V Manieniyam

Publication date 2020/12

Journal Clean Technologies and Environmental Policy Volume 22 Pages 2177-2191

Publisher Springer Berlin Heidelberg

19-20

1. Surface integrity studies for straight and inclined hole in micro-drilling of thermal barrier coated Inconel 718: A turbine blade application

Authors Avinash N Khadtare, Raju S Pawade, Suhas Joshi

Publication date 2020/11/1

Journal Precision Engineering

Volume 66 Pages 166-179 Publisher Elsevier

2. Investigation of corrosion behavior of SiC-reinforced Al 6061/SiC metal matrix composites using taguchi technique

Authors Sadanand Sarapure, BP Shivakumar, MB Hanamantraygouda

Publication date 2020/6

Journal Journal of Bio-and Tribo-Corrosion Volume 6 Pages 1-8

Publisher Springer International Publishing

3. Investigation of aircraft engine performance utilizing various alternative fuels

Authors Mahamadsalman Warimani, MH Azami, Mark Savill, Yi-Guang Li, SA Khan, Ahmad Faris Ismail

Publication date 2019/10/1 Journal IOP Conference Series: Materials Science and Engineering

18-19

1. Study of feasibility of pulse detonation engine powered by alternative fuels

Authors Mahammadsalman Warimani, Muhammad Hanafi Azami, Sher Afghan Khan, Ahmad Faris Ismail

Publication date 2019

Journal Int J Eng Adv Technol

Volume 8

Issue January

Pages 291-296

2. Sustainability and Production Economics of Titanium for Engine Valve: India Perspective

Authors Vikrant Garud, Sanjiwan Bhoite, Sagar Patil, Suraj Ghadage, Shitalkumar Rawandale

Publication date 2018/7/9 Issue 2018-28-0002

Publisher SAE Technical Paper

3. Experimental Investigation Of Combined Effect Of Thermal Performance Of Thermosyphon Heat Pipe Using Nano-Fluid And It's Analysis

Authors Kamble A.V Dr. Pharande V.A, Ghadge N.V., Ghadage S.S., Bamankar P.B

Publication date 2019/6

Journal International Journal of Research and Analytical Reviews (IJRAR)

Volume 6 Issue 2

Pages 728-735

Publisher

International Journal of Research and Analytical Reviews (IJRAR)

4. Performance Analysis of Waste Cooking Oil Biodiesel and its Blends

Authors Matkar M.V. Dr. Pharande V. A, Omkar Amrut Khairmode, Mr. Ghadage S. S., Mr. Bamankar P. B.

Publication date 2019/6

Journal International Journal of Research and Analytical Reviews (IJRAR)

Volume 6

Issue 2 Pages 521-527

Publisher International Journal of Research and Analytical Reviews (IJRAR)

17-18

1. Interpretive structural modeling (ISM) for recovery of heat energy

Authors Kuldip Arun Rade, Vilas A Pharande, Daulat R Saini

Publication date 2017

Journal International Journal of Theoretical and Applied Mechanics

Volume 12 Issue 1 Pages 83-92

2. Performance and Combustion Characteristics of thermal barrier coated (YSZ) low heat rejection diesel engine

Authors Vikrant Garud, Sanjiwan Bhoite, Sagar Patil, Suraj Ghadage, Nilesh Gaikwad, Devesh Kute, G Sivakumar

Publication date 2017/1/1

Journal Materials Today: Proceedings

Volume 4 Issue 2 Pages 188-194

Publisher Elsevier

[PDF] [from researchgate.net](https://www.researchgate.net)

3. Effect of Change in Process Parameters on Energy Consumption during Textile Dyeing Process

Authors Kuldip Arun Rade, Vilas A Pharande, Daulat R Saini

Publication date 2017

Journal International Journal of Theoretical and Applied Mechanics

Volume 12 Issue 3 Pages 579-588