

## Research Publications

| Sr. No. | Title of Paper  | Name of the Author/s | Name of Journal | Year of Publication | ISSN number       |
|---------|---|----------------------|-----------------|---------------------|-------------------|
| 1       | A Case Study to Select Wind Power Plant Site in India Fuzzy Linguistic Modelling Integrated with Vikor                  | Amit Kumar           | IRJET           | Aug.-2020           | 2395-0056         |
| 2       | Optimization of WEDM Development Parameter for HDS H13 by Using Taguchi Orthogonal Array: Novel Approach                | Amit Kumar           | IJCSE           | Aug.-2020           | 2347-2693         |
| 3       | Optimization of Critical Deliberations in a product type industry using Taguchi Method and Soft Computing Techniques    | Amit Kumar           | IJCSE           | Aug.-2020           | 2347-2693         |
| 4       | A Study on Microstructure and Mechanical Properties Effected by Different Heat Treated of AISI 1055 Steel               | Ravinder Kumar       | IJAEM           | Sep.-2020           | 2395-5252         |
| 5       | Microscopic Behavior of Friction Welding of Aluminium 6061 and Stainless Steel-316                                      | Nitesh Jain          | IJAEM           | Aug.-2020           | 2395-5252         |
| 6       | Effective Replacement of Cement and Fine Aggregate by Copper Slag: Novel Approach                                       | Nitesh Jain          | IJCSE           | Aug.-2020           | 2347-2693         |
| 7       | Study the Effects of Welding Parameters on TIG Welding of Aluminum Plate  | Viswas Yadav         | IJCRT           | Aug.-2020           | 2320-2882.        |
| 8       | Analysis of Total Productive Maintenance in Automobile Servicing Sector   | Viswas Yadav         | IJAEM           | Sep.-2020           | 2395-5252.        |
| 9       | To determine the performance of PV Panels using evaporative cooling technique   | Amit Kumar           | IJSTM           | Jul.-2021           | 2321-774X         |
| 10      | Sustainable green lean six sigma methodology and application status: A perspective review                               | Vishwas Yadav        | Book Chapter    | Jul.-2021           | 978-981-16-3135-1 |
| 11      | Effect of tool profiles on the mechanical properties of dissimilar friction stir welded AA6061 & AA8011 aluminum alloys | Nitesh Jain          | IJSTM           | Jul.-2021           | 2321-774X         |
| 12      | To determine the performance of PV panels using evaporative cooling technique (Review paper)                            | Amit Kumar           | IJARESM         | Aug.-2021           | 2455-6211         |
| 13      | Comparison of original brake disc rotor with holes drilled rotor design for the same vehicle                            | Amit Kumar           | MAT             | Aug.-2021           |                   |
| 14      | Thermal analysis of disc brake rotor using solid work   | Amit Kumar           | IJSTM           | Aug.-2021           | 2321-774X         |

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|----|---|---------------|----------------------------|-----------|-----------|
| 15 | Integral measures and framework for green lean six sigma in manufacturing environment   | Vishwas Yadav | IJSE                       | Aug.-2021 |           |
| 16 | Identification of Performance Improvement Green Lean Six Sigma Barriers: A Critical Literature Review                                   | Vishwas Yadav | IJSTM                      | Aug.-2021 | 2321-774X |
| 17 | Identification of Performance Improvement Barriers in Manufacturing Sector and Modeled by Interpretive Structural Modeling              | Vishwas Yadav | IJRTM                      | Aug.-2021 | 2582-5747 |
| 18 | Multi-response optimization of process parameters in friction stir welded aluminum 6061-T6 alloy using Taguchi grey relational analysis | Nitesh Jain   | WJE                        | Aug.-2021 | 1708-5284 |
| 19 | A Review on Mechanical and Metallurgical Characterization of Friction Stir Welding Joints   | Nitesh Jain   | IJAEM                      | Aug.-2021 | 2395-5252 |
| 20 | Experimental study of solar air heater with and without porous material   | Amit Kumar    | IJSTM                      | Sep.-2021 | 2321-774x |
| 21 | Green Lean Six Sigma critical barriers: Exploration and investigation for improved sustainable performance                              | Vishwas Yadav | IJSSCA                     | Sep.-2021 |           |
| 22 | Testing of material strength of brass electroplated with nickel metal   | Nitesh Jain   | IJAME                      | Sep.-2021 | 2582-0036 |
| 23 | Fatigue Analysis of the Friction Stir Welded AA6061-T6 Aluminum Alloy   | Nitesh Jain   | Materials Research Express | Jan.-2022 |           |
| 24 | Green Lean Six Sigma sustainability- oriented framework for small and medium enterprises  | Vishwas Yadav | IJQRM                      | Jan.-2022 |           |
| 25 | Experimental and simulation analysis of fatigue life of aluminum 6061-T6 alloy  | Nitesh Jain   | WJE                        | Feb.-2022 |           |
| 26 | Identification of Critical Success Factors for Implementing Green Lean Six Sigma approach in any organization                           | Vishwas Yadav | IAET-2022                  | Mar.-2022 |           |