

Research Paper Publication by Faculty in Session - 2022-23

Department of Mechanical Engineering (Maintenance)

| Sr. No. | Name of Author | Title of Research Paper | Journal Name / Book Chapter | Year of Publication | ISBN/ ISSN No. |
|---------|----------------------|--|---|---------------------|--------------------|
| 1 | Dr. Suresh Prasad | Foundry Industry: Lean and Green Practices | India as an Emerging World Power: Past, Present and Future Contexts | August, 2023 | 978-81- 19545-00-1 |
| | | Face Detection using Neural Network | India as an Emerging World Power: Past | August, 2023 | 978-81- 19545-00-1 |
| 2 | Mr. Tribhuwan Singh | Design & Fabrication of Mini Lathe Machine | IJSDR | August 2022 | 2349-5162 |
| 3 | Mr. Awadhesh Kumar | Design & Fabrication of wheat cleaning Machine | IJSDR | September 2022 | 2349-5162 |
| 4 | Mr. Tribhuwan Singh | Peltier(thermodynamic) cooling Module | IJSDR | Nov, 2022 | 2349-5162 |
| 5 | Mr. Zakir Ali Hyderi | Rotational Train Pantograph | Research Methodology in Multidisciplinary Subjects in India | March 2023 | 978-93-91143-95-4 |

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|---|-------------------------|---|---|------------|-------------------|
| | | Effects of Powder Bed Temperature on Ti-6Al-4V Alloy Fabricated via Selective Laser Melting | Research Methodology in Multidisciplinary Subjects in India | March 2023 | 978-93-91143-95-4 |
| 6 | Mr. Awadhesh Kumar | Rotational Train Pantograph | Research Methodology in Multidisciplinary Subjects in India | March 2023 | 978-93-91143-95-4 |
| 7 | Mr. Tribhuwan Singh | Rotational Train Pantograph | Research Methodology in Multidisciplinary Subjects in India | March 2023 | 978-93-91143-95-4 |
| 8 | Mr. Kamal Kishor Sharma | Effects of Powder Bed Temperature on Ti-6Al-4V Alloy Fabricated via Selective Laser Melting | Research Methodology in Multidisciplinary Subjects in India | March 2023 | 978-93-91143-95-4 |

Research Paper Publication by Faculty in Session - 2022-23

Department of Mechanical Engineering (Production)

| Sr. No. | Name of Author | Title of Research Paper | Journal Name / Book Chapter | Year of Publication | ISBN/ ISSN No. |
|---------|--------------------|--|---|---------------------|-------------------|
| 1 | Mr.Pawan Kumar | Friction factor affecting air flow in Artificial Wedged Ribbed Solar collector | Research Methodology in Multidisciplinary Subjects in India | March 2023 | 978-93-91143-95-4 |
| 2 | Mr.Rahul Kumar | Friction factor affecting air flow in Artificial Wedged Ribbed Solar collector | Research Methodology in Multidisciplinary Subjects in India | March 2023 | 978-93-91143-95-4 |
| 3 | Mr.Sachin Kumar | Friction factor affecting air flow in Artificial Wedged Ribbed Solar collector | Research Methodology in Multidisciplinary Subjects in India | March 2023 | 978-93-91143-95-4 |
| 4 | Mr. Jugendra Singh | SOLAR BASED WATER PUMP SYSTEM” | Research Methodology in Multidisciplinary Subjects in India | March 2023 | 978-93-91143-95-4 |
| 5 | Mrs. Nishu Sharma | Optimizing performance of Multi-Stage (Two-stage) Vapour Compression System Using Eco Friendly Refrigerant R-290 | Research Methodology in Multidisciplinary Subjects in India | March 2023 | 978-93-91143-95-4 |

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| 6 | Mr. Dheeraj Kumar | Optimizing performance of Multi-Stage (Two-stage) Vapour Compression System Using Eco Friendly Refrigerant R-290 | Research Methodology in Multidisciplinary Subjects in India | March 2023 | 978-93-91143-95-4 |
| 7 | Mr. Amit Kumar | STUDY ON AUTOMATIC PNEUMATIC BUMPER | Research Methodology in Multidisciplinary Subjects in India | March 2023 | 978-93-91143-95-4 |
| 8 | Mr. Banty Kumar | STUDY ON AUTOMATIC PNEUMATIC BUMPER | Research Methodology in Multidisciplinary Subjects in India | March 2023 | 978-93-91143-95-4 |