**Academic Year 2019-2020**

| S.No | Title of paper | Name of the author/s | Department of the teacher | Name of journal | Calendar Year of publication | ISSN number | Link to website of the Journal |
|---|---|---|---|---|---|---|---|
| 1. | Performance and emission characteristics of algae oil in diesel engine | A. Vennimalai Rajan, | Mechanical Engineering | Materials today proceedings - science direct | 2020 | 2214-7853 | View |
| 2. | Performance and emission characteristics of algae oil in diesel engine | B Radhakrishnan | Mechanical Engineering | Materials today proceedings - science direct | 2020 | 2214-7853 | View |
| 3. | Vision-based surface roughness accuracy prediction in the CNC milling process (Al6061) using ANN | R. Nagaraja, | Mechanical Engineering | Materials today proceedings - science direct | 2020 | 2214-7853 | View |
| 4. | Vision-based surface roughness accuracy prediction in the CNC milling process (Al6061) using ANN | B Radhakrishnan | Mechanical Engineering | Materials today proceedings - science direct | 2020 | 2214-7853 | View |
| 5. | A Facile Green Approach of Cone-like ZnO NSs | B Radhakrishnan | Mechanical Engineering | Journal of Inorganic and Organometallic | 2020 | 1574-1451 | View |

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| | Synthesized Via *Jatropha gossypifolia* Leaves Extract for Photocatalytic and Biological Activity | | | Polymers and Materials sprin ger | | | View |
| 6. | Computer vision measurement and optimization of surface roughness using soft computing approaches | B Radhakrishnan | Mechanical Engineering | Transactions of the Institute of Measurement and Control sage | 2020 | 3158977 | View |
| 7. | Computer vision measurement and optimization of surface roughness using soft computing approaches | C.Mathalai sundaram | Mechanical Engineering | Transactions of the Institute of Measurement and Control sage | 2020 | 3158977 | View |
| 8. | Wear behavior of B4C reinforced Al 6063 matrix composite electrodes fabricated by stir casting method | S. Harikishore, | Mechanical Engineering | Transactions of the Canadian Society for Mechanical Engineering | 2020 | 3158977 | View |
| 9. | Wear behavior of B4C reinforced Al 6063 matrix composite electrodes | Mathalai Sundaram, | Mechanical Engineering | Transactions of the Canadian Society for Mechanical Engineering | 2020 | 3158977 | View |

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| 10. | Wear behavior of B4C reinforced Al 6063 matrix composite electrodes fabricated by stir casting method | B Radhakrishnan | Mechanical Engineering | Transactions of the Canadian Society for Mechanical Engineering | 2020 | 3158977 | View |
| 11. | Optimization of machining parameters in plane surface grinding process by response surface methodology | G. Arun Kumar, | Mechanical Engineering | Materials today proceedings - science direct | 2020 | 2214-7853 | View |
| 12. | Optimization of machining parameters in plane surface grinding process by response surface methodology | B Radhakrishnan | Mechanical Engineering | Materials today proceedings - science direct | 2020 | 2214-7853 | View |

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| 13. | A Methodology for privacy Concerns in Social Networking on Web Browsers | R.Udhaya Kumar | Computer Science and Engineering | Journal of Critical Reviews | 2020 | 2394-5125 | View |
| 14. | Intumescent flame retardant spirophosphates: pyrolysis Pyrolysis-GC-MS studies | N DAVID MATHAN, A Thamaraichelvan, D PONRAJU and C T VIJAYAKUMAR | Chemistry | Research Journal of Materials Science | 2020 | 2320–6055 | View |
| 15. | Studies on the catalytic activity of CuO/TiO2/ZnO ternary nanocomposites prepared via one step hydrothermal green approach | Mathalai Sundaram C, | Mechanical Engineering | IOP science | 2019 | 1742-6596 | View |
| 16. | Studies on the catalytic activity of CuO/TiO2/ZnO ternary nanocomposites prepared via one step hydrothermal green approach | V, Sivaganesan | Mechanical Engineering | IOP science | 2019 | 1742-6596 | View |

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| 17. | Emission study on the outcome of DMC on neem bio-diesel-ignited diesel engine | Mathalai Sundaram C | Mechanical Engineering | Energy Sources, Part A: Recovery, Utilization, and Environmental Effects | 2019 | 1556-7036 | View |
| 18. | Optimization of machining process parameters in CNC turning process of IS2062 E250 Steel using coated carbide cutting tool | B Radhakrishnan | Mechanical Engineering | Materials today proceedings - science direct | 2019 | 2214-7853 | View |
| 19. | Mechanical and morphological investigation of bio-degradable magnesium AZ31 alloy for an orthopedic application | Vembathurajesh A, | Mechanical Engineering | Materials today proceedings - science direct | 2019 | 2214-7853 | View |
| 20. | Mechanical and morphological investigation of bio-degradable magnesium AZ31 alloy for an orthopedic application | Mathalai Sundaram C, | Mechanical Engineering | Materials today proceedings - science direct | 2019 | 2214-7853 | View |

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| 21. | Mechanical and morphological investigation of bio-degradable magnesium AZ31 alloy for an orthopedic application | A. Vennimalai Rajan | Mechanical Engineering | Materials today proceedings - science direct | 2019 | 2214-7853 | View |
| 22. | Experimental Evaluation of Al-Zn-Al2O3 Composite on Piston Analysis by CAE Tools. | B Radhakrishnan | Mechanical Engineering | Mechanics & Mechanical Engineering | 2019 | 1428-1511 | View |