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Last 5 year publication details :

1. **Manimaran, G** and Pradeep Kumar, M. “Investigation of Grinding Titanium Ti-6Al-4V Alloy with Electroplated Cubic Boron Nitride Wheel under Cryogenic Cooling”, Journal of Mechanical Science and Technology. Vol.11, No 29, 2015
2. **Manimaran.G**, Lakshman.k. “Design and optimization of low cost purifier for polluted water using Bio-degradable banana peel”, International journal of Applied Engineering Research, Vol.10, No 50, 2015.
3. Anandan .V, **Manimaran.G**. “Multi Response Optimization of Grinding Stainless Steel using Fuzzy ELECTRE Method”, International journal of Applied Engineering Research, Vol.10, No 80, 2015.
4. Anandan .V, **Manimaran.G**. “Response Optimization of Machining Parameters using VIKOR Method under Fuzzy Environment”, Global Journal of Pure and Applied Mathematics, Vol.12, No 01, 2016.
5. **G. Manimaran** and N. Muthukrishnan M. Naresh Babu, “Experimental estimation of minimum quantity lubrication in turning on AISI 410 stainless steel” , International Journal of Machining and Machinability of Materials, Vol. 19, 2017.
6. Velmurugan,N , **Manimaran.G**, Ravi.S, D.Jayabalakrishnan, Mechanical property of stitched glass fiber, epoxy with bentonite clay composite using hand layup method”, Taga journal, vol.14, 2018.
7. K.Nimel sworna Ross, **Manimaran.G**, “Effect of cryogenic coolant on machinability of difficult-to-machine Ni–Cr alloy using PVD-TiAlN coated WC tool “, Journal of the Brazilian society of Mechanical science and Engineering. (2019) 41: 44. (Annexure I). IF – 1.74.
8. Vishal, R, Nimel Sworna Ross, K, Manimaran, G, & Gnanavel, BK 2019, 'Impact on Machining of AISI H13 Steel Using Coated Carbide Tool under Vegetable Oil Minimum Quantity Lubrication', Materials Performance and Characterization, vol. 8, no. 1, pp.20190154.p.no 527-537.
9. Manimaran, G & Nimel Sworna Ross, K 2018, 'Surface Behavior of AISI H13 Alloy Steel Machining under Environmentally Friendly Cryogenic MQL with PVD-Coated Tool', Journal of Testing and Evaluation , ISSN: 0090-3973, vol-48, No4 (Annexure I). IF – 0.669. June 2020, P.No 3269-3280.

10. K.Nimel sworna Ross, **Manimaran.G**, “Machining investigation of Nimonic-80A super alloy under cryogenic CO₂ as coolant using PVD-TiAlN/TiN coated tool at 45° Nozzle angle “,*Arab J Sci Eng* (2020). <https://doi.org/10.1007/s13369-020-04728-8> (Annexure I). IF – 1.71.
11. K.Nimel sworna Ross, **Manimaran.G**, “Investigation of Surface modification and Tool wear on milling Nimonic 80A under hybridlubricationNozzle“,*Tribology Interntional*(2020). <https://doi.org/10.1016/j.triboint.2020.106762> (Annexure I). IF – 4.71.