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Last 5 year publication details:

1. **Dhananchezian M**, Thinesh T, Steven Niketan Paul, Inian Roy A, (2015)," An comparative experimental study on tool wear and surface roughness of Inconel 718 and Nimonic 90 alloy when dry turning with PVD coated TiAlN cutting inserts", International Journal of Applied Engineering Research, Vol. 10 (85), pp. 495 - 499.
2. **Dhananchezian M**, Thinesh T, Steven Niketan Paul, Inian Roy A, (2016)," Study of machinability characteristics for turning Austenitic (316L) and Super duplex (2507) stainless steel using PVD - TiAlN nano multilayer inserts", ARPN Journal of Engineering and Applied Sciences, Vol. 11(2), 1262 - 1268.
3. S. Rajesh, **M. Dhananchezian**, A. Inian Roy (2016), " On-line monitoring of cutting tool condition in drilling of AISI 1040 Steel using LabVIEW through Virtual Instrumentation ", Applied Mechanics and Materials, Vol. 852, pp 205-211.
4. **M. Dhananchezian**, M. Rishaba priyan, G. Rajashekar, S. Sathya Narayanan (2018), Study the effect of cryogenic cooling on machinability characteristics during Duplex Stainless Steel 2205, Materials Today: Proceedings, Vol 5(5) part 2 (2018) 12062–12070.
5. **M. Dhananchezian**, Sharan Srinivasan, Suraj Jacob Chandy, Rohan R. Paul, Vinaya Krishna, Saran Prasanth RR (2018) Beneficial effect of liquid nitrogen cooling on tool wear and surface roughness during turning Nimonic 90 alloy, International Journal of Mechanical and Production Engineering Research and Development, Vol 8 (8), pp. 249 – 253.
6. **Dhananchezian M** (2019), Effectiveness of cryogenic cooling in turning of Inconel 625 alloy, Advances in Manufacturing Processes, Lecture Notes in Mechanical Engineering, 591 – 597.
7. **M. Dhananchezian**, Study the machinability characteristics of Nicked based Hastelloy C-276 under cryogenic cooling, Measurement 136 (2019) 694–702.

8. S. Lakshmanan, M. Pradeep Kumar, **M. Dhananchezian**, N. Yuvaraj, Investigation of AlCrN-Coated Inserts on Cryogenic Turning of Ti-6Al-4V Alloy, *Metals* 9(12) (2019), 1338 (1-14).
9. S. Lakshmanan, M. Pradeep Kumar, **M. Dhananchezian**, N. Yuvaraj (2020) Investigation of monolayer coated WC inserts on turning Ti-alloy, *Materials and Manufacturing Process*, 35(7),826-835.
10. **M. Dhananchezian** and K.Rajkumar (2020) Comparative Study of Cutting Insert Wear and Roughness Parameter (Ra) while turning Nimonic 90 and Hastelloy C-276 by Coated Carbide Inserts, *Materials Today: Proceedings*, Vol 22, 1409–1416.
11. **M. Dhananchezian** and K.Rajkumar (2020) Cryogenic turning of Hastelloy C-22, *Materials Today: Proceedings*, Vol 22, 3075–3081.
12. K. Rajkumar, C. Balasubramaniyan, **M. Dhananchezian** and K. Ramraji (2020) Analysis of Triangular WEDM Cut Corner Inaccuracy of Aluminium Composite Mold Material, *Materials Today: Proceedings*, Vol 22, 1341 - 1350.
13. K. Ramraji, K. Rajkumar, **M. Dhananchezian** and P. Sabarinathan (2020) Key Experimental Investigations of cutting dimensionality by Abrasive Water Jet Machining on Basalt Fiber /Fly ash Reinforced Polymer Composite, *Materials Today: Proceedings*, Vol 22, 1351 - 1359.
14. P. Kaliyappan, **M.Dhananchezian**, K Rajkumar (2020) Utilization of waste tyre rubber and carbon block to develop a Neoprene rubber hybrid composite, *Materials Today: Proceedings* 27 (2020) 724–728.
15. K. Rajkumar, **M. Dhananchezian**, S.Aravindan (2020) A feasibility study on microwave joining of GFRP composite pipes with interlayer coupling agents, *Advances in Manufacturing Processes, Lecture Notes in Mechanical Engineering* (2020) 433 - 439.