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List of Publications from thesis

Journal Publications:

1. **Ashutosh Roushan**, Uppu Srinivas Rao, Karali Patra and Priyabrata Sahoo “[Performance evaluation of tool coatings and nanofluid MQL on the micro-machinability of Ti-6Al-4V](#)”, Journal of Manufacturing Processes, 2022, vol. 73, pp. 595-610.
2. **Ashutosh Roushan**, Uppu Srinivas Rao, Priyabrata Sahoo and Karali Patra [Performance Study of Uncoated and AlTiN Coated Tungsten Carbide Tools in Micromilling of Ti6Al4V using Nano-MQL](#)”, Journal of the Brazilian Society of Mechanical Sciences and Engineering, 45, 63 (2023).
3. **Ashutosh Roushan**, Uppu Srinivas Rao, Karali Patra and Priyabrata Sahoo, “[Multi-Characteristics Optimization in Micro-milling of Ti6Al4V Alloy](#)”, IOP conference Series: Journal of Physics, vol. 1950, No. 1, 012046.
4. **Ashutosh Roushan**, Uppu Srinivas Rao, Priyabrata Sahoo, Karali Patra and Sooraj Singh Rawat, “[Wear behavior of AlTiN coated WC tools in micromilling of Ti6Al4V alloy using vegetables oil-based nanofluids](#)”, Tribology International (under review).