

Publications (International)

1. P Sreeraj, ST Kumaran, M Uthayakumar, SS Kumar, M Pethuraj (2020), Surface roughness analysis of micro channels produced by wire-electrical discharge machining, *Materials Today: Proceedings*.
2. P Sreeraj, ST Kumaran, M Uthayakumar, SS Kumar (2020), A Critical Review on the Machining of Engineering Materials by Die-Sinking EDM, *Advanced Manufacturing and Processing Technology*, 1-21.
3. P Sreeraj, S Thirumalai Kumaran, S Suresh Kumar, (2020), Measurement of Microchannels Produced in Aa6351/Rutile Composite by Wire-Edm, *Surface Review and Letters*, 2050034.
4. SS Kumar, T Varol, A Canakci, ST Kumaran, M Uthayakumar (2020), A review on the performance of the materials by surface modification through EDM, *International Journal of Lightweight Materials and Manufacture*.
5. S. Suresh Kumar, Anish Nair, G. Praveen Muthu Kumar, V. Muthu Krishnan (2020), Fabrication and Investigation of Al2024-B4c-Tic Hybrid Metal Matrix Composites using Laser Beam Machining, *INCAS Bulletin* 12 (3), 229-234.
6. S Sekar, S Suresh Kumar, S Vigneshwaran, G Velmurugan (2020), Evaluation of Mechanical and Water Absorption Behavior of Natural Fiber-Reinforced Hybrid Biocomposites, *Journal of Natural Fibers*, 1-11.
7. SS Kumar, F Erdemir, T Varol, ST Kumaran, M Uthayakumar, A Canakci (2020), Investigation of WEDM process parameters of Al–SiC–B4C composites using response surface methodology, *International Journal of Lightweight Materials and Manufacture* 3 (2), 127-135.
8. KM John, S Thirumalai Kumaran, K Senthil Kumar, S Suresh Kumar (2020), Mechanical and Vibrational Behavior of Twill Woven Carbon Fiber Reinforced Composites, *International Polymer Processing* 35 (2), 203-210.
9. P Ganesan, KV Babu, S Marichamy, D Madan (2019), AWJM parametric investigation on hybrid composite produced through two step stir casting process, *Materials Research Express* 6 (10), 106567.
10. SS Kumar, M Uthayakumar, ST Kumaran, T Varol, A Canakci (2019), Investigating the surface integrity of aluminium based composites machined by EDM, *Defence Technology* 15 (3), 338-343.
11. M Uthayakumar, P Parameswaran (2019), Evaluation of Electrical Discharge Machining Performance on Al (6351)–SiC–B4C Composite, *Non-Conventional Machining in Modern Manufacturing Systems*, 109-124.
12. SS Kumar, M Uthayakumar, ST Kumaran, P Parameswaran, TK Haneef, (2018), Performance monitoring of WEDM using online acoustic emission technique, *Silicon* 10 (6), 2635-2642

13. M Uthayakumar, KV Babu, ST Kumaran, SS Kumar, JTW Jappes (2017), Study on the machining of Al–SiC functionally graded metal matrix composite using die-sinking EDM, Particulate Science and Technology 37 (1), 103-109
14. SS Kumar, M Uthayakumar, ST Kumaran, P Parameswaran, E Mohandas (2016), Electrical discharge machining of Al (6351) alloy: role of electrode shape, International Journal of Materials and Product Technology 53 (1), 86-97.