

LIST OF PUBLICATION DETAILS (2015 TO 2020)

1. Sivakumar, S., Khan, M. A., & **Muralidharan, B.** (2020). Studies on surface quality of stainless steel implant material while machining with WEDM process. *International Journal of Machining and Machinability of Materials*, 22(5), 374-385.
2. Rajamurugan, G., Sanjay, A. P., Krishnasamy, P., **Muralidharan, B.**, & Jain, S. (2020). Drilling and mechanical performance analysis on flax-sisal hybrid composite embedded with perforated aluminium foil. *Journal of Reinforced Plastics and Composites*, 39(23-24), 902-917.
3. Sivakumar, S., Khan, M. A., **Muralidharan, B.**, & Muthulakshmi, L. (2020). Electrochemical behaviour of human implant material after WEDM machining process. *Materials Today: Proceedings*, 22, 3226-3231.
4. **Muralidharan, B.**, Praveen singh, Chelladurai, H.(2019). "Effect of magnetic field intensity on deposition of copper tool in EDD" *Journal of Micromechanics and Microengineering (JMM)*.
5. **Muralidharan, B.**, Chelladurai, H., & Kanmani Subbu, S. (2019). Investigation of magnetic field and shielding gas in electro-discharge deposition process. *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, 233(11), 3701-3716.
6. Siva kumar, S., Khan, M. A., & **Muralidharan, B.** (2019). Processing of titanium-based human implant material using wire EDM. *Materials and Manufacturing Processes*, 34(6), 695-700.
7. Singh, B., Sasi, R., Kanmani Subbu, S, **Muralidharan, B.** (2019). "electric discharge Texturing of HSS cutting tool and its performance in dry machining of Aerospace Alloy". *J Braz. Soc. Mech. Sci. Eng.* 41: 152.
8. **Muralidharan, B.**, Chelladurai, H., Singh, P., & Roy, M. K. (2016). Single-spark analysis of electro-discharge deposition process. *Materials and Manufacturing Processes*, 31(14), 1853-1864.
9. **Muralidharan, B.**, and H. Chelladurai. "Experimental analysis of electro-discharge deposition process." *The International Journal of Advanced Manufacturing Technology* 76.1-4 (2015): 69-82.