

Dr.S.Vijayabhaskar

Publications

- **Vijayabhaskar, S.**, Rajmohan, T., Kennedy, E. I., & Krishna, T. J. (2020, October). Synthesis and characterization of natural fiber reinforced laminated thermoplastic composite. In *IOP Conference Series: Materials Science and Engineering* (Vol. 954, No. 1, p. 012015). IOP Publishing.
- Rajmohan, T., **Vijayabhaskar, S.**, & Vijayan, D. (2020). Multiple performance optimization in wear characteristics of Mg-SiC nanocomposites using grey-fuzzy algorithm. *Silicon*, 12(5), 1177-1186.
- Nandakumar, A., Rajmohan, T., & **Vijayabhaskar, S.** (2019). Experimental Evaluation of the Lubrication Performance in MQL Grinding of Nano SiC Reinforced Al Matrix Composites. *Silicon*, 11(6), 2987-2999.
- **Vijayabhaskar, S.**, & Rajmohan, T. (2019). Experimental investigation and optimization of machining parameters in WEDM of nano-SiC particles reinforced magnesium matrix composites. *Silicon*, 11(4), 1701-1716.
- **Vijayabhaskar, S.**, Rajmohan, T., Vignesh, T. K., & Venkatakrishnan, H. (2019). Effect of nano SiC particles on properties and characterization of Magnesium matrix nano composites. *Materials Today: Proceedings*, 16, 853-858.
- **Vijayabhaskar, S.**, Rajmohan, T., Pranay Sisir, T. V., Phani Abishek, J. V. S., & Mohankrishna Reddy, R. (2018, July). Review of WEDM studies on metal matrix composites. In *IOP Conf Ser Mater Sci Eng* (Vol. 390, pp. 287-291).
- **Vijaya Bhaskar, S.**, Rajmohan, T., Giri Sesha Sai, G. R., & Sandeep Kumar Reddy, G. (2015). Multiple performance optimization in WEDM parameters using desirability analysis. In *Applied Mechanics and Materials* (Vol. 813, pp. 352-356). Trans Tech Publications Ltd.
- **Bhaskar, S. V.**, Rajmohan, T., Palanikumar, K., & Kumar, B. B. G. (2016). Synthesis and characterization of multi wall carbon nanotubes (MWCNT) reinforced sintered magnesium matrix composites. *Journal of The Institution of Engineers (India): Series D*, 97(1), 59-67.
- Vinayagamoorthy, R., **Bhaskar, S. V.**, & Kumar, B. B. G. (2012). EXPERIMENTAL INVESTIGATIONS ON END MILLING OF NATURAL JUTE FIBER REINFORCED COMPOSITES.