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### Position

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### International Journal

1. **C.Chanakyan and S.Sivasankar** (2019) Parametric advancement of numerical model to predict the mechanical properties of friction stir processed AA5052, *International journal of rapid manufacturing*,8(1/2), Pp 147-60
2. **Sivasankar,S. and B. Singaravel** (2017) Optimization of Turning Process Parameters Using Vikor Method In Turning Operation, *Transactions on Innovations in Science & Technology*,2(3), Pp.36-41
3. **Sivasankar, S. and R. Jeyapaul** (2016) Characterization of ZrB<sub>2</sub>-SiC composites with an analytical study on material removal rate and tool wear rate during electrical discharge machining, *Transactions of the Canadian Society for Mechanical Engineering*,40(3), 331-349
4. **Sivasankar, S. and R. Jeyapaul** (2016) Modelling of an artificial neural network for electrical discharge machining of hot pressed zirconium diboride-silicon carbide composites Transactions of famena XL-3, Pp. 67-80
5. **Sivasankar, S and R. Jeyapaul** (2013) Performance study of tool materials and optimization of process parameters during EDM on ZrB<sub>2</sub>-SiC composite through particle swarm optimization algorithm. *International Journal of Engineering Science and Technology*, 5(1), 133-159
6. **Sivasankar. S., P.K. Kunahamed and R. Jeyapaul** (2013) Performance study of tool materials and optimisation of pulse duration on EDM of zirconium di boride *International Journal of Machining and Machinability of Materials*,14 (2),123-141
7. **Sivasankar, S., R. Jeyapaul and V.V. Bhanu Prasad** (2012) Performance study of various tool materials for electrical discharge machining of hot pressed ZrB<sub>2</sub>, *Multidiscipline Modeling in Materials and Structures*, 8(4), 505- 523
8. **Sivasankar, S. and R. Jeyapaul** (2012) Application of Grey Entropy and Regression Analysis for Modelling and Prediction on Tool Materials Performance during EDM of Hot Pressed ZrB<sub>2</sub> at Different Duty Cycles. *Procedia Engineering*, 38, 3977-3991.
9. **Sivasankar, S., R. Jeyapaul, S. Kolappan and N.M. Shaahid** (2012) Procedural study for roughness, roundness and waviness measurement of EDM drilled holes using image processing technology. *Computer*