

**LIST OF PUBLICATIONS:**

1. Senthilkumar A, Rajmohan K, "A review on the effects of process parameters of Wire electrical discharge machining on the surface integrity of various materials", International Journal of Applied Engineering Research, 2015, Vol. 10 No.50.
2. Chellapandi P , Senthil Kumar A , Arungalai Vendan S , 'Experimental investigations on aluminum based metal matrix composites with B<sub>4</sub>C, SiC and Mg', Carbon - Sci. Tech. 7/1(2015)59-68.
3. Mahendran, S, Senthil kumar, A & Loganathan, p 2015, 'Wastage reduction by lean supply chain management in manufacturing industry' published in 'International Journal of Applied Engineering Research', ISSN 0973-4562, vol. 10, no. 50, pp. 796-801.
4. Mahendran, S, Senthil kumar, A & Loganathan, p 2015, 'Analysis of Lean manufacturing in Supply Chain Management- Reference in a Manufacturing industry' published in 'International Journal of Applied Engineering Research', ISSN 0973-4562, vol. 10 ,no.50, pp. 874-878.
5. Rajmohan K, Senthilkumar A, " Experimental investigation and prediction of optimum process parameters of micro wire – cut- EDM of 2205 DSS", International Journal of Advanced Manufacturing Technology, 2016, Vol. 83, Nos. 5 – 8.
6. Mahendran S, Dr. Senthilkumar A, Dr. Jeyapaul R, "Lean manufacturing in a manufacturing industry through value stream mapping and simulation study", International Journal of Advanced Engineering Technology, 2016, Vol.7, No.1.
7. Chellapandi P , Senthil Kumar A, Arungalai Vendan S, 'Experimental investigations on mechanical, micro-structural and tribological behavior of b<sub>4</sub>c, sic and mg reinforced aluminum metal matrix composites', International Journal of Advanced Engineering Technology, Vol. VII/Issue II/April-June,2016/754-756.
8. Muthukumaran S, Senthilkumar A, Arungalai vendan S, Kudiyarasan S , "Experimental and numerical simulation of magnetic pulses for joining of dissimilar materials with dissimilar geometry using electromagnetic welding process ",International Journal of Applied Electromagnetics and Mechanics,2017,Vol.53, No.2.
9. Senthilkumar A, K. Rajmohan , 'Appraisal of Material Removal Rate and Kerf width of 2205 Duplex Stainless Steel in Micro wire – cut EDM process through Response Surface Methodology , Journal of the Balkan Tribological Association ,Book 1,Vol.23, pp.56-66 ( 2017).
10. S. Kannadasan , A. Senthil Kumar , C. Pandivelan and C. Sathiya Narayanan, 'Modelling the Forming Limit Diagram for Aluminium Alloy Sheets using ANN and ANFIS', Applied Mathematics & Information Sciences, 11, No. 5, 1435-1442 (2017).

11. Mahendran, S, Senthil kumar, A & Jeyapaul, R 2018, 'Analysis of lean manufacturing in an automobile industry- a case study' accepted in 'International Journal of Enterprise network management" . Vol. 9, No.2, pp 129-142.