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LIST OF PUBLICATIONS:

International Journals

1. Senthilkumar A, Jeyapaul R and Noorul Haq A, “Comparative evaluation of supply chain strategies using Simulation Modeling and Grey Relational Analysis”, International Journal Logistics and Supply Chain Management, Vol. 1, No. 1, January – June 2009, pp. 51-60.
2. Senthilkumar A, Jeyapaul R and Noorul Haq A, “Evaluation of supply chain using Desirability Function Analysis and ANOVA”, International Journal of Logistics and Supply Chain Management, Vol. 1, No. 1, January – June 2009, pp. 67-75.
3. Senthilkumar A, Jeyapaul R and Noorul Haq A, “Analysing the Performance of Supply chain Designs”, International Journal of Business Performance Management, Vol. 11, No.1/2, 2009, pp. 72-95.
4. Kannan G, Grigore M.C, Devika K and Senthilkumar A, “ An Analysis of the general benefits of a centralized VMI system based on the EOQ model”, International Journal of Production Research, 2012, iFirst, pp. 1-17.
5. S.Muthukumaran , S.Kudiyarasan , S.Arungalai Vendan and A.Senthilkumar , “ Investigations on Dissimilar Welded Joints by Magnetic Pulse Method” , International Journal of Vehicle Structures and Systems,2014,Vol.6,No.4,pp.120 – 123.
6. 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.
7. 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.

8. 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.
9. 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.
10. 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).
11. Chellapandi P , Senthil Kumar A , Arungalai Vendan S , ‘Experimental investigations on aluminum based metal matrix composites with B₄C, SiC and Mg’,Carbon – Sci. Tech. 7/1(2015)59-68.
12. Chellapandi P , Senthil Kumar A, Arungalai Vendan S, ‘Experimental investigations on mechanical, micro-structural and tribological behavior of b₄c, sic and mg reinforced aluminum metal matrix composites’, International Journal of Advanced Engineering Technology, Vol. VII/Issue II/April-June,2016/754-756.
13. 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).
14. Mahendran, S & Senthil kumar, A 2012, ‘Reducing the wastage in supply chain management using lean principle’ published in CIIT International Journal of Automation and Autonomous System, vol 4, no. 7.
15. 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.

16. 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.
17. 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.

International Conferences

1. Senthilkumar A, Jeyapaul R and Noorul Haq A, "Comparative evaluation of supply chain strategies" is presented in Fourth International Conference on Logistics and Supply Chain Management ILSCM 2008, 7-9 August 2008, PSG College of Technology, Coimbatore.
2. Senthilkumar A, Jeyapaul R and Noorul Haq A, "Analysis of Supply chain Strategies" is presented in Sixth International Conference on Supply Chain Management and Information Systems SCMIS 2008, 8-10 December 2008, National Institute of Technology, Tiruchirappalli.
3. Senthilkumar A, Jeyapaul R and Noorul Haq A, "Optimization and evaluation of supply chain designs" is presented in 2nd International & 23rd All India Manufacturing Technology, Design and Research Conference during December 15-17, 2008, Indian Institute of Technology Madras, Chennai.
4. Sarin Abraham, Ganesh K, Senthilkumar A and Yves Ducq "Impact on Climate Change due to Transportation Sector –Research Prospective", International Conference on Modeling Optimization and Computing, Noorul Islam University, Nagercoil.
5. Vijay chakravarthy G, Senthilkumar A, Rajeswari N, Kannan G, Rajesh T.R and Siva kumar G, "Optimization of Travelling Salesman Problem by Kohonens approach using ANN", International Conference held at CIT, Coimbatore on 5th January 2004.
6. Kannan G, Senthilkumar A and Gunesakaran N , "Process control of a Manufacturing industry- using Neuro-Fuzzy approach", International conference on Digital Aided

Modeling and Simulation, Coimbatore Institute of Technology, Coimbatore, January 608, 2003, paper No.113.

7. Participated and Orally Presented a paper entitled “ A study on the obstacles of Solar Power Development in India” in the “International Conference on Engineering Materials and Renewable Energy” , held at Department of Chemistry , University College of Engineering Villupuram , Villupuram , from 04.01.2018 to 05.01.2018
8. Presented a paper “ Implementing lean manufacturing principle in an automobile valve manufacturing industry- a case study” on ICMMS 2016 (International Conference on Mechanical, Materials and Manufacturing systems) held at Sairam Engineering college, Chennai-44 on 24 and 25/2/2016.
9. Presented a paper “Analysis of lean supply chain management” at International conference on advances in Engineering and Technology at EGS pillay Engineering college, Nagapattinam on 28 and 29/3/2012.
10. Presented a paper “Applying lean manufacturing principle in an automobile industry-value stream mapping analysis” at International conference on contemporary design and analysis of manufacturing and industrial engineering systems conducted by National Institute of Technology, Trichirappalli on 18/01/2018.
11. Presented a paper “Lean manufacturing principle applications in manufacturing industry-value stream mapping tool” at International conference on advances in industrial engineering applications conducted by College of Engineering, guindy, Anna university Chennai on 04/01/2018.

National Conferences

1. Kannan G, **Senthilkumar A**, Saravanan N, and Chandrasekaran S, “An introduction to Fuzzy logic system”, National Conference On Recent Trends In CAD/CAM at JNTU, Kakinada, 2002, pp. 70-72.
2. Gunasekaran N, Kannan G, Athikesavan T, Senthilkumar A and, Rameshkumar raja T.T, “An introduction to Neural networks and its application”, National Conference On Recent Trends In CAD/CAM at JNTU, Kakinada, 2002, pp. 73-74.
3. Athikesavan T, Kannan G, Senthilkumar A and Boopathy K, “Simulation of a Manufacturing system-using Arena”, National Conference On Recent Trends In CAD/CAM at JNTU, Kakinada, 2002, pp. 75-77.

4. Kannan G, Noorul Haq A, Seenikannan P, Senthilkumar A, Thangadurai V and Ganesh perumal N, "Improving quality of the manufacturing system using software quality management system", 46th National convention of Indian Institution of Industrial Engineering on Quality Management in the 21st century", on September 24th to 26th, 2004 organized by Indian Institution of Industrial Engineering Trivandrum chapter
5. Kannan G, Noorul Haq A, Senthil Kumar A, Ganesh perumal N and Ananth Babu K, "Nelder and Meads method based distribution inventory model for the supply chain model", 37th convention of ORSI, held on 8th Jan to 11th Jan, 2005, at IIM, Ahmadabad, pp. 115.
6. Presented a paper "Analysis of lean manufacturing in supply chain management- Reference in a manufacturing industry" at National conference on Advancements in Mechanical, Environmental, safety and health Engineering at Knowledge institute of Technology, salem on 9/5/ 2015.
7. Presented a paper "Wastage reduction by lean supply chain management in manufacturing industry" at National conference on Advancements in Mechanical, Environmental, safety and health Engineering at Knowledge institute of Technology, salem on 9/5/ 2015.
8. Presented paper "Analysis of lean supply chain management" at National conference on Recent advances in manufacturing and materials at Chenduran college of Engineering and technology, Pudukkottai on 8 and 9th april 2011.