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LIST OF PUBLICATIONS

INTERNATIONAL JOURNALS

01. Application of DEMATEL in Evaluation of Criteria affecting the Performance of Suppliers of a Heavy Industry, ***International Journal of Applied Engineering Research***, Vol. 10, No.50, pp.401-410 (2015).
02. Analysis of Divers Affecting Supply Chain Using DEMATEL, ***International Journal of Applied Engineering Research***, Vol. 10, No.50, pp.790-795 (2015).
03. Evaluating lean implementation performance in Indian MSMEs using ISM and AHP models, ***Int. J. of Services and Operations Management***, Vol. 22, No.1 pp. 21 - 39(2015)
04. Applying Interpretive Structural Modelling to Rank the Influencing Factor of Blood Bank Supply Chain, ***International Journal of Applied Engineering Research***, Vol. 10, No.50, pp.1277-1286 (2015).
05. Use Of Topsis Techniques for Selection of Best Alternatives of Blood Bank Supply Chain, ***International Journal of Applied Engineering Research***, Vol. 10, No.50, pp.1287-1296 (2015).
06. A Fuzzy Quantitative Approach to Prioritize the Green factors in Supply Chain, ***International Journal of Applied Engineering Research***, Vol. 10, No.50, pp.1044-1049 (2015).
07. R.Dhanalakshmi, T.Arunkumar and P.Parthiban, Nature Inspired heuristic approach to balance the resource in the multiple distribution centers, ***Journal of Scientific and Industrial research***, Vol.74, pp.77-81, (Feb 2015).(SCI Journal with impact factor:0.5)
08. R.Dhanalakshmi and P.Parthiban, Applying ANP in Logistics Service Provider Selection, ***International Journal of Applied Engineering Research***, Vol. 10, No.50, pp.617-623 (2015).
09. R.Dhanalakshmi and P.Parthiban, Evaluating the efficiency of 3PL logistics operations using DEA, ***International Journal of Applied Engineering Research***, Vol.10, No.50, pp.924-928 (2015).
10. Dharun Prashanth. K., Parthiban. P., Application of DEMATEL in Evaluation of Criteria Affecting the Performance of Suppliers of Heavy Industry, ***International Journal of Applied Engineering Research –IJAER*** Vol No.50 pp. 401-410 (2015).
11. P.Mathiyalagan P.Parthiban K.Tamil Mannan, Applying Interpretive Structural Modelling(ISM) to Rank the Influencing Factor of Blood Bank Supply Chain, ***International Journal of Applied Engineering Research***, ISSN 0973-4562 Vol. 10 No.50 (2015).

12. Multi Objective Optimization in Drilling of Al/SiC Composites using Desirability Functions, **Asian Journal of Research in Social Sciences and Humanities** Vol. 6, No. 6, pp. 1499-1506(2016).
13. Evaluating lean execution performance in Indian MSMEs using SEM and TOPSIS models, **Int. J. of Operational Research**, Vol. 26, No.1 pp. 104 - 125 (2016).
14. R.Dhanalakshmi, T.Arunkumar and P.Parthiban, Three Phase Genetic Algorithm for Shortest Path Routing in Solar Powered WSNs, **Journal of Scientific and Industrial research**, Accepted for publication, Vol.74, pp.xx-xx, (May 2016).(SCI Journal with impact factor:0.5)
15. P.Parthiban, R.Dhanalakshmi, Sustainable transportation systems performance evaluation using fuzzy logic, **Ecological Indicators**, Vol.71, No.03, pp.503–513 (2016) (SCI Journal with impact factor: 3.190)
16. R.Dhanalakshmi and A.Vadivel, Ant Mobility Model in Wireless Networks Using Network Simulator, **Journal of Scientific and Industrial research**, 2016, Accepted for publication, (May 2017).(SCI Journal with impact factor:0.5)
17. R.Dhanalakshmi, A.Vadivel and P.Parthiban, Shortest Path Routing in Solar powered WSNs using Soft computing techniques, **Journal of Scientific and Industrial research**, 2016, Accepted for publication, (May 2017).(SCI Journal with impact factor:0.5)
18. R.Dhanalakshmi, A.Vadivel and P.Parthiban, Fuzzy Quantitative Approach to Prioritize Green Factors in Supply Chain, **Journal of Scientific and Industrial research**, 2016, Accepted for publication, (May 2017).(SCI Journal with impact factor:0.5)
19. Pongen, Rosang, P.Parthiban, "7, Optimization of Die Casting Process parameters of A713 alloy by using Genetic Algorithm Approach, **Revista de la Facultad de Agronomia de la Universidad del Zulia** 34, no. 1 (2017).
20. P.Parthiban, S.Amaldhasan and R.Dhanalakshmi Analysis and prioritization of Eco Drivers in Supply Chain, **International Journal of Logistics Systems and Management**, 31(3) (2018) pp. 336–362
21. P.Parthiban, S.Amaldhasan and R.Dhanalakshmi, Green Supply Chain Performance Evaluation Model for Automotive Manufacturing Industries by Using Eco Balanced Scorecard, **International Journal of Services and Operations Management**,
22. Sonu Rajak, P.Parthiban and R.Dhanalakshmi, Multi-Depot Vehicle Routing Problem Based on Customer Satisfaction, **International Journal of Services Technology and Management**, ISSN No.- 1741-525X ESCI, Scopus H-Index- 20
23. Sonu Rajak, P.Parthiban and R.Dhanalakshmi, Selection of Transportation Channels in Closed-Loop Supply Chain using Meta-Heuristic Algorithm,

24. Sonu Rajak, P. Parthiban, R. Dhanalakshmi, Sujith. S, Multi-Objective Optimization for the Vehicle Routing Problem using Meta heuristics, ***International Journal of Enterprise Network Management (IJENM)***, Vol. 09, No. 2, 117-128, ISSN No.- 1748-1260 Scopus H-Index- 8 (2018).
25. Dharun Prashanth. K., P.Parthiban, R.Dhanalakshmi, Evaluation and Ranking of Criteria affecting the Supplier's Performance of a Heavy Industry by Fuzzy AHP Method. ***Journal of Scientific & Industrial Research*** Vol 77, (May 2018).
26. Dharun Prashanth. K., P.Parthiban., R. Dhanalakshmi, Evaluation of the Performance and Ranking of Suppliers of a Heavy Industry by TOPSIS Method, ***Journal of Scientific & Industrial Research*** (2018).
27. Niranjana T, P.Parthiban, Karthik Sundaram, and Pravin Nath Jeyaganesan, Designing an Omni channel closed loop green supply chain network adapting preferences of rational customers. ***Sādhanā***, Vol.44, no. 3: 60. **(SCIE indexed)** (2019).
28. Niranjana T and P. Parthiban, Modelling and Analyzing an Integrated Multi channel Food supply chain Distribution of an Indian Dairy Firm using Modified TLBO Algorithm. ***Journal of Scientific & Industrial Research***, Vol.78 (01), 31-34 **(SCIE indexed)** (2019).
29. Ponggen, Rosang, Anil Kumar Birru, and P. Parthiban, Study of microstructure and mechanical properties of A713 aluminium alloy having an addition of grain refiners Al-3.5 Ti-1.5 C and Al-3Cobalt. ***Results in Physics*** 13:102105 (2019).