

INTERNATIONAL CONFERENCES

1. Genetic algorithm to solve power flow problems, Proceedings of the **annual Conference, The society of operations management**, held at IIM Kozhikode, 20 - 22 Dec 2002.
2. Decision Making for Communications Networks using Analytic Hierarchy Process, Proceedings of the **7th Annual International Conference of the Society of Operations Management**, Held at IIM, Indore, 19 - 21 Dec, 2003.
3. Compassion of nearest neighbour heuristic and analytic hierarchy process for Drug Distribution, Proceedings of the **7th Annual International Conference of the Society of Operations Management**, Held at IIM, Indore, 19 - 21 Dec, 2003.
4. Optimization of Production – Distribution Inventory Levels and Routing Structure in a two stage Supply Chain using Genetic Algorithms, Proceedings of the **6th International Conference of the Association of Asia Pacific Operational Research Societies within IFORS**, Held at IIT Delhi, 8th - 11th December 2003.
5. Achieving Success in Supply Chain Performance: Lean Principles, Proceedings of the **6th International Conference of the Association of Asia Pacific Operational Research Societies within IFORS**, Held at IIT Delhi, 8th - 11th December 2003.
6. Evaluation of supply chain alternatives using analytic hierarchy process, at Supply Chain Seminar, Proceedings of the International Conference on Logistics “Unlocking Supply Chain Potential, Queensland University of Technology, Brisbane, Australia, June 10-11, 2004.
7. Research Perspectives in Measuring the Performance of Supply Chain Entity, Proceedings of the **International Conference on Responsive Supply Chain and Organizational Competitiveness (RSC – 2004)** held at CIT Coimbatore, 5th - 7th Jan 2004.
8. Comparison of evolutionary algorithms for optimization of production planning, Proceedings of the **International Conference on Responsive Supply Chain and Organizational Competitiveness (RSC – 2004)** held at CIT Coimbatore, 5th - 7th Jan 2004.
9. Decision Making Model for Timetabling Problem, Proceedings of the **International conference on soft computing** held at Bharath Institute of Higher Education & Research, Chennai, 28 - 29 May, 2004.
10. Preference based decision making (PDM) model for faculty-course assignment problem, Proceedings of the **International Engineering Management Conference** held at Pan Pacific Hotel, Singapore (IEEE transaction), 18 – 21 Oct, 2004.
11. Composite Value Index (CVI) for Performance Measurement of a System An Intuitive Method, Proceedings of the **International Conference on Manufacturing and Management (GCMM)** held at Vellore Institute of Technology, Vellore, 2004.
12. Evaluation of Health Care Quality based on Hospital Resource Performance and Customer Service Preferences Using Analytic Hierarchy Process,

- Proceedings of the **International Conference on Manufacturing and Management (GCMM)** held at Vellore Institute of Technology, Vellore, 2004.
13. Decision Support System for the evaluation of Enterprise Resource Planning, Proceedings of the **International Conference - CORS & FOF** held at Poland during July 2005
 14. Optimizing the vendor selection process of an automobile industry using critical value analysis – A case study, Proceedings of the **International Conference - CORS & FOF** held at Poland during July 2005.
 15. VPC: Decision making model for performance measurement in supply chain, Proceedings of the **International Conference on Services Management**, held at Institute for International Management and Technology, Gurgaon, India jointly with Oxford Brookes University, UK, March 11-12, 2005.
 16. Goal Programming for Multi Criteria Distribution Problem, Proceedings of the **International Conference on Quality, Innovation and Knowledge** held at Monash University, Australia during 2005.
 17. Optimization of machining conditions on composites using Genetic Algorithm, Proceedings of the **International conference on global manufacturing and innovation** held at CIT, Coimbatore during 27-29 July 2006
 18. A SCM framework that describes CRM, **WorldComp08, EEE08**, Proceedings of the 2008 **international conference on world congress in computer science computer engineering and applied computing**, Las Vegas, USA, July 14-17,2008, pp. 455-460.
 19. Multi – Criteria decision making in supplier selection using VIKOR and ELECTRE methods, *Proceedings of the sixth International Conference on Manufacturing Research, London, pp.779-792, (2008)*.
 20. OPTIMIZATION OF SUPPLY CHAIN PERFORMANCE USING MCDM TOOL - A Case Study, Proceedings of the sixth **International Conference on Supply chain management and information systems**, India, pp.439-449, (2008).
 21. A heuristic to generate input sequence for Simulated Annealing to solve VRP, Proceedings of the **International Conference on supply chain management and Information systems**, held at NIT, Trichy during december 2008, pp 588 – 594
 22. Balanced centroids(BC) K-means clustering algorithm to transform mTSP to TSP, Proceedings of the **International Conference on Operations Research Applications in Engineering and Management**, held at Anna University, Trichy during May 27 – 29, 2009
 23. A review of evolutionary algorithms for multi objective multi product multi modal distribution problem with a possible new approach, Proceedings of the **International Conference on Operations Research Applications in Engineering and Management**, held at Anna University, Trichy during May 27 – 29, 2009
 24. A simulated annealing approach to solve fuzzy multi-objective linear model for supplier selection in a supply chain, **4th IEEE international symposium on information technology**, held at Malaysia during June 15 – 17 , 2010, PP 44 – 49

25. A model for supplier selection using ANP, **10th International conference on operations and quantitative management**, held at Symbiosis institute of operations management, Nashik during June 28-30, 2011, pp 808-814
26. A Model for Supplier Selection using Analytic Network Process, **Tenth International Conference On Operations And Quantitative Management (ICOQM -10)** held at Symbiosis Institute of operations management, Nashik, 28-30 June -2011
27. Designing A Decision Support System to Evaluate and Select Suppliers Using Discriminant Analysis – A Case Study In Automotive Industry , **26th Indian Engineering Congress** held at Bangalore during 16-18 December 2011, Organized by: The Institution of Engineers (India).
28. Analysis of Vehicle Routing Problem With Pickup And Deliveries Using Sheep Flock Heredity Algorithm, **International Conference on Advances in Supply Chain and Manufacturing Management, (ASCMM 2011)** during December 16 - 18, 2011, Organized by: Department of Industrial Engineering and Management , Indian Institute Of Technology Kharagpur, Kharagpur..
29. Supplier Selection Using Modified Interpretive Structural Modeling, **International Conference on Advances in Supply Chain and Manufacturing Management, (ASCMM 2011)** during December 16 - 18, 2011, Organized by: Department of Industrial Engineering and Management , Indian Institute Of Technology Kharagpur, Kharagpur.
30. A VIKOR Multiple- Attribute Decision Method for Improving Supply Chain Leanness, **International Conference on Quality and Reliability Engineering (ICQRE 2011)** during 20 – 22 December 2011, Organized by - SQC & OR Unit, Indian Statistical Institute, Bangalore.
31. A multi criteria decision making for computer server product by using TOPSIS methodology, **International Conference on Industrial Engineering (ICIE 2012)** held at Dubai during January 29-31, 2012, Organized by - World Academy Of Science, Engineering and Technology
32. A multi criteria decision making for computer server product by using TOPSIS methodology, **International Conference on Industrial Engineering (ICIE 2012)** held at Dubai during January 29-31, 2012, Organized by - World Academy Of Science, Engineering and Technology
33. A Multi Criteria Decision Making Approach for Suppliers Selection, **International Conference on Modeling, Optimization And Computing (ICMOC2012)**, April 10 -12, 2012, Organized by: Department Of Mechanical Engineering, Noorul Islam University, Nagercoil
34. An integrated group decision-making process for supplier selection, **International Conference on Engineering Technology and Management**, September 7-8, 2012, Organized by: WAIRCO, Tirupathi, A.P, India
35. A simple warehouse location problem using Hub model, **International Conference on Production and Industrial Engineering (CPIE 2013)** on March 29-31, 2013, organised by Department of Industrial and Production Engineering, Dr B R Ambedkar National Institute Of Technology Jalandhar-144011, India
36. An Integrated Multi-Objective Decision Making Process for Supplier selection, **International Conference on Production and Industrial Engineering (CPIE 2013)** on March 29-31, 2013, organised by Department of

Industrial and Production Engineering, Dr B R Ambedkar National Institute Of Technology Jalandhar-144011, India

37. Drivers Affecting Eco Design in Supply Chain, **Second International Conference on Advances in Industrial Engineering Applications (ICAIEA 2014)** organized by Anna University, Chennai, January 6-8, 2014, PP. 54 – 60
38. Application of RQFD in Evaluating Green Supply Chain Management, **Second International Conference on Advances in Industrial Engineering Applications (ICAIEA 2014)** organized by Anna University, Chennai, January 6-8, 2014, PP. 61 – 69
39. A Comprehensive review in the Measures and Metrics of Sustainable Supply chain, **Second International Conference on Advances in Industrial Engineering Applications (ICAIEA 2014)** organized by Anna University, Chennai, January 6-8, 2014, PP. 180 –185
40. “Evaluating the Efficiency of 3PL Logistics Operations using DEA”, **International Conference on Advances in Design and Manufacturing (ICAD’M 2014)**, held at National Institute of Technology, Trichy during December 5-7 2014, pp. 487-490
41. “An Integrated Model for Selection of 3PL Provider Using Fuzzy Topsis”, **International Conference on Advances in Design and Manufacturing (ICAD’M 2014)**, held at National Institute of Technology, Trichy during December 5-7 2014, pp. 491-496
42. “Genetic Algorithm to Solve a Common Depot and Multiple Customers based Vehicle Routing Problem”, **International Conference on Advances in Design and Manufacturing (ICAD’M 2014)**, held at National Institute of Technology, Trichy during December 5-7 2014, pp. 1183-1187
43. “Ant Colony Optimization Algorithm to Solve a Vehicle Routing Problem”, **International Conference on Advances in Design and Manufacturing (ICAD’M 2014)**, held at National Institute of Technology, Trichy during December 5-7 2014, pp. 1188-1192
44. “Green Supply Chain Performance Evaluation Model by Integrating Fuzzy AHP and Fuzzy VIKOR Methods”, **International Conference on Advances in Design and Manufacturing (ICAD’M 2014)**, held at National Institute of Technology, Trichy during December 5-7 2014, pp.1193-1200
45. “Use Of Vikor And Fuzzy Vikor Techniques To Rank The Alternatives (Influencing Factors) Of Blood Bank Supply Chain”, IEEE Proceedings of the **International Conference, on “Science, & Management Research” (ICSEMR 2014)** Organized by ,VelTech MultiTech Engineering College, Avadi, Chennai, on November 27-29, 2014.
46. “Implementation and Evaluation of Lean and Green Manufacturing in Indian Industries”, **International Conference on Advances in Design and Manufacturing (ICAD’M 2014)**, held at National Institute of Technology, Trichy during December 5-7 2014, pp. 1235-1240
47. “Integrated Supply Chain Performance Measurement Techniques - A Review” **International Conference on Advances in Design and Manufacturing (ICAD’M 2014)**, held at National Institute of Technology, Trichy during December 5-7 2014, pp. 1588-1603

48. "A Fuzzy Dematel Approach for the Optimization Blood Banks", **International Conference on Advances in Design and Manufacturing (ICAD'M 2014)**, held at National Institute of Technology, Trichy during December 5-7 2014, pp. 1663-1667
49. "Optimization of Public Blood Supply Chain – A Dematel Approach", **International Conference on Advances in Design and Manufacturing (ICAD'M 2014)**, held at National Institute of Technology, Trichy during December 5-7 2014, pp. 1668-1673
50. "AN ASSESSMENT OF SUSTAINABLE SUPPLY CHAIN USING MCDM", **5th International & 26th All India Manufacturing Technology, Design and Research Conference (AIMTDR 2014)** held at IIT Guwahati, Assam, India December 12–14, 2014, pp. 3241 - 3246
51. "An Ant Colony Optimization Approach for the Capacitated Vehicle Routing Problem with Time Windows", **XIX Annual International Conference of Society of Operations Management, IIM Calcutta, (SOM 11-13 December 2015)**.
52. "ICIE2015-P-66 Drivers and Their Contribution to Implement Eco Design in Indian Industry-A Fuzzy TOPSIS Model", **International Conference on Industrial Engineering (ICIE-2015)**.
53. "A Hybrid Meta heuristics Approach for a Multi-Depot Vehicle Routing Problem", **6th International & 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR 2016)** December 16-18, 2016, pp. 3241 - 3246
54. "An Ant Colony Optimization Approach for the Vehicle Routing Problem with Backhauls and Time Windows", **International Conference on E-Business and Supply Chain Competitiveness (EBSCC-2016) Conference, (IIT Kharagpur, India, 12-14 February 2016)**.
55. "An Ant Colony Optimization Approach For The Pollution Routing Problem, ICMESA 2016" : **18th International Conference on Manufacturing Engineering and System Analysis, World Academy of Science, Engineering and Technology, San Francisco, (USA September 26-27, 2016)**.
56. "Performance Measurement of Service Sectors with a Special Reference to Health Care Industries using ISM, TOPSIS & Fuzzy TOPSIS" **International Conference on Developments in Science, Management and Engineering (ICDSME 2016)**, Organized by International Organization of Scientific Research and Development, 15 & April-16, 2016, Tiruchirapalli.
57. "Inventory Optimization: A Meta Heuristics", **International Conference on Trending Researches in Engineering, Science & Technology**, Organized by Institute of Engineering Research, **September 30, 2016**, Salem, India.
58. "Selection Of Welding Process of S304H Tubes In STBW Machine For Super Critical Power Plant Boilers using Analytic Hierarchic Process" **International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering System**, held at NIT Trichy **January 18-20, 2018**, pp. 469

59. "The Maximizing Lifetime Of Wireless Sensor Network Using Optimization Techniques And Integrating With Cloud Service" **International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering System**, held at NIT Trichy **January 18-20, 2018**, pp. 784
60. "Vehicle Routing Problem With Simultaneously Pick-Up And Delivery Based on Customer Satisfaction" **International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering System**, held at NIT Trichy **January 18-20, 2018** pp. 1201
61. "Application Of ISM For Analysing The Factors Of Lean And Green Implementation In Indian SMEs" **International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering System**, held at NIT Trichy **January 18-20, 2018** pp. 1263
62. "Integrated Fuzzy Dematel and Fuzzy TOPSIS Tools to Evaluate Green Supplier and Order Allocation in Green Supply Chain" **International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering System**, held at NIT Trichy January 18-20, 2018 pp. 1297
63. "An Integrated Model For Selection Of 3PL Provider Using Fuzzy TOPSIS" **International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering System**, held at National Institute of Technology, Trichy **January 18-20, 2018** pp. 1341
64. "Evaluation Of 3PL Provider Using ELECTRE Method M. Nadanakumar" **International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering System**, held at National Institute of Technology, Trichy January 18-20, 2018 pp. 1357
65. "A Hybrid Optimization Approach For The Multi-Depot Pollution-Routing Problem With Simultaneous Deliveries And Pickups" **International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering System**, held at National Institute of Technology, Trichy **January 18-20, 2018**, pp. 1388
66. "Analyzing Factors For Implementation Of Lean And Green SMEs Manufacturing Industries Using Modified ISM" **International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering System**, held at NIT Trichy **January 18-20, 2018**, pp. 1395
67. "Virtual Support For Physicians Through Machine Learning For Breast Cancer Diagnosis: An Engineering Approach To Healthcare Sector – A Review" **International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering System**, held at National Institute of Technology, Trichy **January 18-20, 2018**, pp. 1428
68. "Identification Of Best Supplier Among Industries Through Supplier Selection Criteria And ANP Methodology". **International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering System**, held at National Institute of Technology, Trichy **January 18-20, 2018**, pp. 1489
69. "Identification And Prioratisation Of Barriers For An Omni Channel Supply Chain Using SEM" **International Conference on Contemporary Design and**

- Analysis of Manufacturing and Industrial Engineering System**, held at National Institute of Technology, Trichy **January 18-20, 2018**, pp. 1495
- 70.** “Analysis Of A Multi-Channel Closed Loop Green Supply Chain Using Modified Particle Swarm Optimization Algorithm” **International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering System**, held at National Institute of Technology, Trichy **January 18-20, 2018**, pp. 1516
- 71.** “Supplier Selection Through Industry Needs And ISM Methodology” **International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering System**, held at National Institute of Technology, Trichy **January 18-20, 2018**, pp. 1530