## Dr. S.P.Anbuudayasankar, M.E., M.B.A., PhD

Associate Professor
Department of Mechanical Engineering
Amrita School of Engineering
Amrita Vishwa Vidyapeetham
Coimbatore – 641112.

Email id: spanbu@yahoo.com

Phone: 98943 52023

## **LIST OF PUBLICATIONS**

- 1. **Anbuudayasankar, S.P.**, Ganesh, K., Lenny Koh, S.C. and Yves Ducq. (2012) "Modified Savings Heuristics and Genetic Algorithm for Bi-objective Vehicle Routing Problem with Forced Backhauls", Expert Systems with Applications, Vol. 39, No. 3, pp. 2296-2305.
- 2. Anbuudayasankar S.P., K. Ganesh, S.C.L. Koh, amd K. Mohandas, (2010) "Unified Heuristics to Solve Routing Problem of Reverse Logistics in Sustainable Supply Chain", International Journal of Systems Science, Vol. 41, No. 3, pp. 337-351.
- 3. **Anbuudayasankar, S.P.**, Ganesh, K. and Mohandas, K. (2008) "Mixed-integer Linear Programming for Vehicle Routing Problem with Simultaneous Delivery and Pick Up with Maximum Route-Length", International Journal of Applied Management Technology, Vol.6, No. 1, pp. 31-52
- 4. **Anbuudayasankar, S.P.**, Ganesh, K., Lenny Koh, S.C. and Mohandas, K. (2009) "Clustering based Heuristic for Workload Balancing Problem in Enterprise Logistics", International Journal of Value Chain Management, Vol. 3, No. 3, pp. 302-315
- 5. Anbuudayasankar S.P., K. Ganesh, K. Mohandas and Tzong-Ru Lee (2009) "COG: Composite Genetic Algorithm with Local Search Methods to solve mixed vehicle routing problem with backhauls Application for Public Health Care System". International Journal of Services and Operations Management, Vol. 5, No.5, pp.617-636
- 6. Paivi Iskanius., Tom Page. and **Anbuudayasankar, S.P.** (2010) "The traditional industry sector in the changing business environment a case study of the Finnish steel product industry", International Journal of Electronic Customer Relationship Management, Vol. 4, No. 4, pp. 395-414
- 7. Barua, M.K., Rao, J. S., **Anbuudayasankar, S.P**. and Tom Page (2010) "Measurement of surface roughness through RSM: effect of coated carbide tool on 6061-t4 aluminium", International Journal of Enterprise Network Management, Vol. 4, No. 2, pp. 136-153
- 8. Sivakumar, P., Ganesh, Yves Ducq. and **Anbuudayasankar, S.P.** (2012) "Class of Sustainable Supply Chain Routing Problems Framework and Comprehensive Review", International Journal of Services and Operations Management, Vol. 12, No. 2, pp. 188-220
- 9. **Anbuudayasankar, S.P.**, Malairajan, R.A., Ganesh, K. and Koh, S.C. (2011) "Inventory and Purchase Policy for Textile Machinery Manufacturing Organisation A Consulting Case", International Journal of Decision Making in Supply Chain and Logistics, Vol. 2, No. 1, pp. 25-33
- 10. Nagarajan, S., Ganesh, K., Resmi, A.T. **Anbuudayasankar, S.P.** and Hemachitra, R. (2012) "Organization Structure, Reward and Communication Design for Implementation of Knowledge Management Solution", International Journal of Productivity and Quality

- Management, Vol. 10, No. 1, pp. 40-68
- 11. Santhanakrishnan, S., Narendran T.T. Ganesh, K. and **Anbuudayasankar**, **S.P**. (2012) "Comparison of Meta-heuristics for Container Ship Routing Problem", International Journal of Services and Operations Management, Vol. 12, No. 3, pp. 348-367
- 12. Malairajan, R.A., Ganesh, K., Qureshi, M.N., **Anbuudayasankar, S.P.**, and Tzong-Ru Lee (2012) "Study of Multi-Commodity Network Flow Problem for the Patient Distribution System", International Journal of Logistics Systems and Management, Vol. 12, No. 1, pp. 70-88
- 13. Nagarajan, S., Ganesh, K., Resmi, A.T., **Anbuudayasankar, S.P**. and Hemachitra, R. (2012) "Design for Taxonomy and Technology Architecture for Knowledge Management Solution Implementation", International Journal of Business Information Systems, Vol. 11, No. 2, pp. 180-214
- 14. Nagarajan, S., Ganesh, K., Resmi, A.T., **Anbuudayasankar, S.P.** and Hemachitra, R. (2012) "Development of temporal confirmation model for knowledge management solution implementation", International Journal of Business Information Systems, Vol. 11, No. 3, pp. 253-282
- 15. Ganesh, K., Malairajan, R.A., Qureshi, M.N., **Anbuudayasankar, S.P.**, and Mukesh Kumar Barua (2012) "Study and suggestions on inbound logistics for vehicle utilisation: a case study", International Journal of Innovation and Sustainable Development, Vol. 6, No. 3, pp. 237-264
- Nagarajan, S., Ganesh, K., Mukesh Kumar Barua, Resmi, A.T., and Anbuudayasankar, S.P. (2012) "Design of Vendor Managed Inventory System for Automotive Company A Case Study", International Journal of Management & Enterprise Development, Vol. 12, No. 2, pp. 106-131
- 17. Lenny Koh, S.C., Nandakumar Chidambaram, Ganesh, K. and **Anbuudayasankar, S.P**. (2012) "Assessment on the adoption of low carbon and green supply chain management practices in Indian supply chain sectors manufacturing and service industries", International Journal of Business and Globalisation, Vol. 9, No. 3, pp. 311-345
- 18. Malairajan, R.A., Ganesh, K., Matti Muhos and **Anbuudayasankar, S.P.** (2013) "Class of Resource Allocation Problems in Supply Chain A Review", International Journal of Business Innovation and Research, Vol. 7, No. 1, pp. 113-139
- 19. Malairajan, R.A., Ganesh, K., Tzong-Ru Lee and **Anbuudayasankar, S.P**. (2013) "REFING: Heuristics to Solve Bi-Objective Resource Allocation Problem with Bound and Varying Capacity", International Journal of Operational Research, Vol. 17, No. 2, pp. 145-169
- 20. Malairajan, R.A., Ganesh, K., Punniyamoorthy, M. and **Anbuudayasankar, S.P**. (2013) "Decision Support System for Real Time Vehicle Routing in Indian Dairy Industry A Case Study", International Journal of Information System and Supply Chain Management, Vol. 6, No. 4, pp. 77-101
- 21. Tzong- Ru (Jiun-Shen) Lee., Ganesh, K., Agnieszka M. Dadura and **Anbuudayasankar**, **S.P**. (2014) "Using graphical arts in management and marketing teaching for business innovation
  - Case of "Along the River during the Ching-Ming Festival" painting", International Journal of Business Innovation and Research, Vol. 8, No. 2, pp. 154-167

- 22. Ganesh, K., Narendran, T.T. and **Anbuudayasankar, S.P**, (2014) "Evolving cost-effective routing of vehicles for blood bank logistics", International Journal of Logistics Systems and Management, Vol. 17, No. 4, pp. 381-415
- 23. Kartik Balkumar., Resmi Ann Thomas., **Anbuudayasankar, S.P.**, Ganesh, K., Paul Silvian, S. and Gemini. V. Joy (2014) "Effective Health care management in India- The role of knowledge management", International Journal of Value Chain Management, Vol. 7, No. 2, pp. 97-123

- 24. Lenny Koh, S.C., Vishesh Pratik, Ganesh, K. and **Anbuudayasankar, S.P**. (2014) "Impact of ERP implementation on Supply Chain Performance", International Journal of Productivity and Quality Management, Vol. 14, No. 2, pp. 196-227
- 25. Meng-Chuan Pan, Lee., Tzong-Ru (Jiun-Shen)., S.P.Anbuudayasankar and K.Ganesh (2014) "Key Success Factors of Holding Exhibitions for the Exhibition Organizers using Dramaturgy Model and Grey Relational Analysis", International Journal of Tourism Policy, Vol. 5, No. 4, pp. 269-295
- 26. Umamaheswaran, S., Ganesh, K., Suresh Kumar, N., Rajendra Sethupathi, P.V. and **Anbuudayasankar, S.P**. (2015) "Variants, meta-heuristic solution approaches and applications for image retrieval in business comprehensive review and framework, International Journal of Business Information Systems, Vol. 18, No. 2, pp. 160-197
- 27. Arun Raja, Kevin Thomas and **Anbuudayasankar, S.P.** (2015) "A Collaborative Application of Six Sigma and Value Engineering in Supply Chain Management and Logistics", International Journal of Applied Engineering Research, Vol. 10, No. 9, pp. 14803-14808
- 28. Prathik Rudresh, Vigneshwaran Ramesh, Anbuudayasankar S. P., Rahul P. Kikani and Ayush Khandelwal (2015) "The Effect of Mechanization on Operator Performance An Ergonomic Perspective", International Journal of Applied Engineering Research, Vol. 10, No. 11, pp. 28741-28748
- 29. Thomas, K & Tribhu, S & **Anbuudayasankar**, **S.P**. (2015). Implementation of RFID based kanban system in a manufacturing industry, International Journal of Applied Engineering Research (IJAER), Vol. 10, No. 14, pp. 34475-34478
- 30. Bhargav M. M. S. R. S., Ratna Kishore V., S.P. Anbuudayasankar and Balaji K (2016) "Power generation by high head water in a building using micro hydro turbine-a greener approach", Environmental Science and Pollution Research, Vol. 23, No. 10, pp. 9381-9390 (Impact Factor = 2.800)
- 31. V. R. Sathish Kumar, S. P. Anbuudayasankar and M. Thennarasu (2016) "Design and Development of Simulation Based Model to Rank Job Flow Strategies", ARPN Journal of Engineering and Applied Sciences, Vol. 11, No. 9, pp. 6082-6086
- 32. Prashant R.Nair and S.P. Anbuudayasankar (2016) "Tackling Supply Chain through RFID: Opportunities and Challenges", Advances in Intelligent Systems and Computing, Vol. 438, pp. 467-475
- 33. M.Safeer, S.P. Anbuudayasankar, K.Ganesh and P.G.Saleeshya (2016) "A Stochastic Planning Model for Humanitarian Relief Response Logistics", International Journal of Enterprise Network Management, Vol. 7, No. 3, pp. 250-259

34. Prashant R.Nair and S.P. Anbuudayasankar (2016) "An Investigation on the benefits of ICT deployment in Supply Chain Management (SCM)", Indian Journal of Science and Technology, Vol. 9, No. 30, pp. 1-7