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Dr. S.P. ANBUUDAYASANKAR

PROFESSOR

Qualifications :

B.E in Mechanical Engineering from Bharathiar University

M.E in Industrial Engineering from Regional Engineering College, Tiruchirappalli

Ph.D in Supply Chain and Logistics from Amrita University

Area of Interest/Specialization : Supply Chain and Logistics - Green and Sustainability

Experience : 23 years in Academic Institutions
(Since 07.12.2022, Professor in Guru Ghasidas Vishwavidyalaya)

Awards and Honors : Received Best Thesis Award at the International Conference on "Global Advances and Innovations in IT and Management" in 2012 conducted at Gwalior from the then Governor of Madhya Pradesh

Received best paper awards for various papers in International Conferences

International Collaborations : Collaborated with International Professors in various Universities and published papers as a result of collaboration

Books Written:

- **Models for Practical Routing Problems in Logistics - Design and Practices**
Authors: S. P. Anbuudayasankar, K. Ganesh and Sanjay Mohapatra
Publishers: Springer Publishers
Release Date: May, 2014, VIII, 165 p. 43 illus., 5 illus. in color.
ISBN: 978-3-319-05035-5

- **Enterprise Resource Planning - Fundamentals of Design and Implementation**
Authors: K. Ganesh, Sanjay Mohapatra, S. P. Anbuudayasankar and P.Sivakumar
Publishers: Springer Publishers
Release Date: June, 2014, XII, 170 p. 29 illus., 19 illus. in color.
ISBN: 978-3-319-05927-3 (ebook)
ISBN: 978-3-319-05926-6 (print book)

- **International and Interdisciplinary Studies in Green Computing**
Authors: K. Ganesh and S. P. Anbuudayasankar
Publishers: IGI Global
Release Date: December, 2012. Copyright © 2013. 238 pages

Research Supervision :

S.No	Name of the candidate	Title of Thesis / Area of Research	Status
1.	Prashant R Nair	Development of a Framework to Assess the Impact of Information & Communication Technology Deployment in Supply Chain Management	Awarded 2020
2.	M.S.Narassima	Supply Chain Resilience: A study on disruption and recovery strategies	Awarded 2022
3.	M.Thenarasu	Development of priority dispatching rules for a partial flexible job shop	Awarded 2022
4.	V.R.Sathish Kumar	Optimizing the Cost of Distribution in Green Supply Chain Using an Evolutionary Algorithm	Awarded 2023

PEER REVIEWED PUBLICATIONS (Selected):

1. Karthick K, Boris Ajit A, Subramanian V, Anbuudayasankar, S.P., Narassima, M.S, Hariharan D (2023) "Maximising profit by waste reduction in postharvest Supply Chain of tomato", British Food Journal, Vol. 125, No. 2, pp. 626-644
2. Balkumar, K., Gedam, V.V., Himateja, M., Anbuudayasankar, S.P., Narassima, M.S., Ganesh, K., Dwarakanath, M. and Pazhani, S. (2023), "Prevalence and future trend in green supply chain management (GSCM): a systematic literature review", Benchmarking: An International Journal, <https://doi.org/10.1108/BIJ-06-2022-0363>
3. M. Thenarasu, K. Rameshkumar, M. Di Mascolo & S.P. Anbuudayasankar (2023) "Multi-criteria scheduling of realistic flexible job shop: a novel approach for integrating simulation modelling and multi-criteria decision making", International Journal of Production Research, DOI: 10.1080/00207543.2023.2238084
4. Narassima MS, Anbuudayasankar SP, Guru Rajesh Jammy, Sankarshana A, Rashmi Pant, Lincoln Choudhury, Vijay Yeldandi, Shubham Singh, Denny John (2022) "An agent-based model to assess coronavirus disease 19 spread and health systems burden", International Journal of Electrical and Computer Engineering, Vol. 12, No. 4, pp. 4118-4128
5. M. Thenarasu, K. Rameshkumar, Jacob Rousseau and S.P. Anbuudayasankar (2022) "Development and analysis of priority decision rules using MCDM approach for a flexible job shop scheduling: A simulation study" Simulation Modelling Practice and Theory, Vol. 114, pp. 1-24, Article Number. 102416
6. M.S. Narassima, Anbuudayasankar S.P, Shriram K. Vasudevan and Thennarasu M (2022) "Performance improvement in Cardiology department of a hospital by Simulation", International Journal of Advanced Intelligence Paradigms, Vol. 22, No. 1 / 2, pp. 1-20
7. M.S. Narassima, S.P. Anbuudayasankar, K. Mathiyazhagan, K. Ganesh, Tzong-Ru (Jiun-Shen) Lee (2022) "Supply Chain Resilience: Conceptual Model Building and Validation", International Journal of Logistics Research and Applications. DOI: 10.1080/13675567.2022.2056584
8. M.S. Narassima; Shriram K. Vasudevan; K. Vimalkumar; S.P. Anbuudayasankar (2022) "Blockchain-based seamless end-to-end shipping with android application", International Journal of Internet Technology and Secured Transactions, Vol. 12, No. 3, pp. 265-285
9. M.S. Narassima, Shriram K. Vasudevan and S.P. Anbuudayasankar (2022) "Development of a priority dispatching rule and novel production scheduling algorithm for a job shop", International Journal of Computer Aided Engineering and Technology, Vol. 16, No. 4, pp. 417-449
10. Sachin Sreekumar, Ram Narayan S, Devnath ES, Ganesh K, S.P. Anbuudayasankar, Sathish Kumar VR, Narassima MS (2022) "Green GAS Heuristics for the Routing Problem", International Journal of Logistics Systems and Management, Vol. 43, No. 3, pp. 317-335

11. Narassima MS, Prashant R. Nair, Anbuudayasankar SP, Ganesh K (2022) "Information and Communication Technology application in Supply Chain Management: A Literature Review", International Journal of Enterprise Network Management, Vol. 13, No. 3, pp. 265-285
12. Prashant R Nair, SP Anbuudayasankar, Sriram R Devanathan, RP Raghuram (2022) "Empirical Investigation to Assess the Impact of ICT Deployment in SCM using SEM", International Journal of Information Systems and Supply Chain Management, Vol. 15, No. 1, pp. 1-13
13. Gladys Stephen, Daniel Inbaraj, Anbuudayasankar S. P. & Poongkundran T. (2021) "Investigating the influence of audiences' movie-viewing motives on attitude towards brand placement in movies", Journal of Global Scholars of Marketing Science, Vol. 31, No. 4, pp. 487-510
14. V.Sureshkannan, T.V. Arjunan, D. Seenivasan, S.P. Anbuudayasankar and M. Arulraj (2021) "Parametric study on pressure-based packed bed adsorption system for air dehumidification", Journal of Process Mechanical Engineering, Vol. 235, No. 5, pp. 1351-1362
15. Narassima M.S., Balaji K S., Ramasubramanian B, Anbuudayasankar S.P. (2021) "Modeling and Simulation of vaccine distribution: A COVID-19 situation", International Journal of Simulation and Process Modelling, Vol. 17, No. 4, pp. 303-318
16. Narassima M.S, Anbuudayasankar S.P, Guru Rajesh Jammy, Rashmi Pant, Lincoln Choudhury, Ramakrishnan, Aadharsh and Denny John (2021) An agent-based model for assessing transmission dynamics and health systems burden for COVID-19, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 24, No. 3, pp. 1735-1743
17. Prasanna P, Narenthiran N, Poongkundran T, Narassima M S, Aravind P, Anbuudayasankar S P (2020) "An analysis on various factors influencing postharvest losses of fruit and vegetable supply chain" International Journal of Postharvest Technology and Innovation, Vol. 7, No. 4, pp. 295-318
18. Anbuudayasankar, S.P., Srikanthan, R., Karthik, M., Nair, P.R., Sivakarthik, N. and Indukumar, P (2020) "Cloud-based technology for small and medium scale enterprises: a decision-making paradigm using IPA, AHP and fuzzy-AHP techniques", International Journal of Integrated Supply Management, Vol. 13, No. 4, pp. 335-352
19. K. V. Krishnarao, M. Nagaraju, S.P Anbuudayasankar, T. Krishnaraj, A. R. Kumar and M. Sai Vastav (2019) "GRAHP TOP model for supplier selection in Supply Chain: A hybrid MCDM approach" Decision Science Letters, Vol. 8, No. 1, pp. 65-80
20. Narassima. M. S, Ilangoan. S, Anbuudayasankar. S. P and Pavithran. P (2019) Effect of reinforcement and aging time on wear behavior and mechanical properties of Aluminium LM4, International Journal of Engineering and Advanced Technology, Vol. 8, No. 5, pp. 2426-2433
21. A.Sruthi, S.P.Anbuudayasankar and G.Jeyakumar (2019) "Energy Efficient Green Vehicle Routing Problem", International Journal of Information System and Supply Chain Management, Vol. 12, No. 4, pp. 27-41

22. M.Thenarasu, K.Rameshkumar and S.P. Anbuudayasankar (2019) "Multi-criteria decision making approach for minimizing makespan in a large scale press-shop ", International Journal of Industrial Engineering Theory Applications and Practice, Vol. 26, No. 6, pp. 962-985
23. Chin-Yao Chen, Tzong-Ru (Jiun-Shen) Lee, Ya-Ching Yang, S.P. Anbuudayasankar and A.T. Resmi (2018) "The Study of Influential Factors Causing an APP being Removed", International Journal of Business Innovation and Research, Vol. 15, No. 2, pp. 152-172
24. Mahesh S Kumar, S.P.Anbuudayasankar and Sreeniketh Variyer (2018) "Scheduling and optimization of refinery operations under fluctuating bitumen demand", International Journal of Energy Technology and Policy, Vol. 14, No. 2-3, pp. 170-196
25. Resmi Ann Thomas, Sandhya Pentareddym L. Suganthi, Gemini V. Joy and S.P. Anbuudayasankar (2018) "Road to employee commitment: the role of empowerment, leadership and culture", International Journal of Business Innovation and Research, Vol. 16, No. 4, pp. 486-506
26. M.Thenarasu, K.Rameshkumar, S.P. Anbuudayasankar, G. Arjunbarath and P. Ashok (2018) "Development and selection of hybrid dispatching rule for dynamic job shop scheduling using multi-criteria decision making analysis (MCDMA)", International journal for quality research, Vol. 14, No. 2, pp. 487-504
27. Gemini V. Joy, S. Paul Silvian, Khalid Alahmari and S.P. Anbuudayasankar (2017) "Utilitarian dimensions and behavioural inconsistencies of young fanatic mobile phone users - a study on Indian perspectives", International Journal of Enterprise Network Management, Vol.8, No. 1, pp. 78-95
28. Narassima M.S, Anbuudayasankar S.P, Shriram K. Vasudevan, Abhinavaram J (2017) "Physicians' and Users' Perceptions towards Wearable Health Devices", Indonesian Journal of Electrical Engineering and Computer Science, Vol. 5, No. 1, pp. 234-242
29. Tzong-Ru Lee., Shiou-Yu Chen., Ing- Ching Chen., K. Ganesh., Resmi A. T. and S.P.Anbuudayasankar (2017) "Using TOC to Develop U-Tourism and to Formulate Its Marketing Strategy", International Journal of Business Innovation and Research, Vol. 14, No. 2, pp. 206-238
30. Prashant R. Nair, Mridula Sahay and S. P. Anbuudayasankar (2017) "Investigation Through System Dynamics for the Benefits of ICT Intervention in Distribution", Prabandhan: Indian Journal of Management, Vol. 10, No. 8, pp. 42-51
31. 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
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
35. 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
36. 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
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38. 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
39. 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
40. 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
41. 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
42. 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
43. 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

44. 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
45. 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
46. 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
47. 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
48. 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
49. 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
50. 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
51. 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
52. 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

53. 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
54. Anbuudayasankar S.P., K. Ganesh, S.C.L. Koh, and 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
55. 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
56. 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
57. 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
58. 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

INTERNATIONAL CONFERENCES (Refereed)

1. Balaji K.S., Ramasubramanian B., Vinay, M. Sai Satya., Reddy, D. Tejesh., Dheeraj, Ch., Subash, K. Teja and Anbuudayasankar S.P. (2021) A demand-based relocation of warehouses and green routing, *Materials Today: Proceedings*, Vol. 46, pp. 8438-8443, 3rd International Conference on Materials, Manufacturing and Modelling, ICMMM 2021 Vellore 19 March 2021 to 21 March 2021
2. Ashwin, S., Shankaranarayanan, V., Lamy, D., Anbuudayasankar, S.P., Thenarasu, M. (2022) “Development and Analysis of Efficient Dispatching Rules for Minimising Flow time and Tardiness based Performance Measures in a Job shop Scheduling”, *Smart Innovation, Systems and Technologies*, Vol. 265, pp. 337-345, International Conference on Intelligent Manufacturing and Energy Sustainability (ICIMES-2021), June 18-21, 2021, Malla Reddy College of Engineering & Technology, Secunderabad, Telangana State, India
3. Akaash R, Aswin S, Jayashuriya M, Somana, Enoch and Anbuudayasankar S.P. (2022) A Greener Framework for Start-Up Involving Order Management, *Recent Trends in Design, Materials and Manufacturing, Lecture Notes in Mechanical Engineering*, pp. 511-526. International Conference on Recent Advances in Design, Materials and Manufacturing, ICRADMM 2020 Gwalior 15 October 2020 to 16 October 2020

4. Kishore R., Pradeep., Roy. Suyash., Teja, K. Ravi., Narassima M.S., Ganesh K and Anbuudayasankar S.P (2021) Eco-Efficiency and Business Performance Evaluation—Lean and Green Manufacturing Approach, Smart Innovation, Systems and Technologies, Vol. 213, pp. 779-789, International Conference on Intelligent Manufacturing and Energy Sustainability, ICIMES 2020, Hyderabad, 21 August 2020 to 22 August 2020
5. Prashant R. Nair, S.P. Anbuudayasankar, Kishore R and Pradeep R (2020) “Industry 4.0 Research: Information and Communication Technology Capability Index for Supply Chain Management” in the International Conference on Recent Advances in Design Materials and Manufacturing (ICRADMM 2020) 15th and 16th October 2020, Amity School of Engineering and Technology, Amity University Madhya Pradesh, Gwalior
6. S. Kirutiga, Bharat Kumar Sridharan, Satyanarayana Sunil Varma Datla, Anoop Sai Narne and S.P. Anbuudayasankar (2019) Mathematical modeling on cost effective green logistics, International Conference on Mechanical and Building Sciences (ICMBS' 19), 27th to 28th March 2019, SNS College of Technology, Department Of Mechanical Engineering, Coimbatore, Tamilnadu
7. S. Manikandaprabhu and S.P. Anbuudayasankar (2019) Productivity Improvement through Lean manufacturing, International Conference on Mechanical and Building Sciences (ICMBS' 19), 27th to 28th March 2019, SNS College of Technology, Department Of Mechanical Engineering, Coimbatore, Tamilnadu
8. M Venkatramanan and S.P. Anbuudayasankar (2019) Development of a decision support tool using QFD, FMEA and AHP methods, International Conference on Mechanical and Building Sciences (ICMBS' 19), 27th to 28th March 2019, SNS College of Technology, Department Of Mechanical Engineering, Coimbatore, Tamilnadu (Best paper awarded)
9. P.Pavithran and S.P. Anbuudayasankar (2019) Modelling and simulation of supply chain in a textile industry, International Conference on Mechanical and Building Sciences (ICMBS' 19), 27th to 28th March 2019, SNS College of Technology, Department Of Mechanical Engineering, Coimbatore, Tamilnadu (Best paper awarded)
10. R. Saravanan, M.S. Narassima and S.P. Anbuudayasankar (2019) An analysis on the forecasting methodologies for procurement of spare components – A case study, International Conference on Mechanical and Building Sciences (ICMBS' 19), 27th to 28th March 2019, SNS College of Technology, Department Of Mechanical Engineering, Coimbatore, Tamilnadu (Best paper awarded)
11. Thenarasu.M, K.Rameshkumar, S.P.Anbuudayasankarand Sheerapthi Ramiya (2019) Efficient dispatching rules for minimizing flow time and tardiness based performance measures in a job shop scheduling, International Conference on Mechanical and Building Sciences (ICMBS' 19), 27th to 28th March 2019, SNS College of Technology, Department Of Mechanical Engineering, Coimbatore, Tamilnadu
12. Sudarshan. S. V, Priyadarshuan. A and Anbuuddayasankar. S. P. (2019) Analysis of the barriers in implementing green supply chain management (GSCM) practices: a hybrid approach, Advances in

Materials and Manufacturing Applications (IConAMMA 2018) during 16th - 18th August, 2018, Amrita School of Engineering, Bengaluru

13. V Naveen Kumar, R S Pranav Raja, K S Sanjeevi, S P Anbuudayasankar and S Srihari Multi-Criteria Engine Selection for Unique Purpose using AHP, Advances in Materials and Manufacturing Applications (IConAMMA 2018) during 16th - 18th August, 2018, Amrita School of Engineering, Bengaluru
14. G. Balamurugan, S. Sriram, P. Shradha, V. K. Arvind and S.P. Anbuudayasankar (2018) Comparison of MCDM techniques for crop selection, International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering Systems - CDAMIES 2018 at NIT Tiruchirappalli on 20-01-2018 (Best paper awarded)
15. V.R. Sathish Kumar, S. P. Anbuudayasankar and K. Rameshkumar (2018) Optimizing bi-objective, multi-echelon supply chain model using particle swarm intelligence algorithm, IConAMMA 2017, August 17th-19th 2017, IOP Conference Series: Materials Science and Engineering, Vol. 310
16. D Vineesh, S P Anbuudayasankar and M S Narassima (2018) Enhancing Dairy Manufacturing through customer feedback: A statistical approach, IconAMMA 2017, August 17th-19th 2017, IOP Conference Series: Materials Science and Engineering, Vol. 310
17. Arjun Nair, Kartik Murali, Anbuudayasankar.S.P. and T.V.Arjunan (2017) "Modelling and optimising the value of a hybrid Solar-Wind system", Frontiers in Automobile and Mechanical Engineering FAME 2017, IOP Conference Series: Materials Science and Engineering, Vol. 197, Frontiers in Automobile and Mechanical Engineering, 7–9 July 2016, Sathyabama University, Chennai, India
18. Srihari Suryanarayanan, Arunkumar, K.Balaji, S.P.Anbuudayasankar and J.Selvaraj, "Exergy analysis of modular box approach in green sand moulding", 2nd International Conference on Advanced Engineering and Technology for Sustainable Development (ICAETSD 2016), Karpagam College of Engineering, Coimbatore, February 19 – 20, 2016
19. Prathik Rudresh, Vigneshwaran Ramesh, S.P.Anbuudayasankar, Rahul Kikani and Ayush Khandelwal, "Transportation and Logistics Management in a Pump Manufacturing Industry Involving Subcontractors", 2nd International Conference on Advanced Engineering and Technology for Sustainable Development (ICAETSD 2016), Karpagam College of Engineering, Coimbatore, February 19 – 20, 2016
20. Prashant R.Nair and S.P. Anbuudayasankar, "Tackling Supply Chain through High Performance Computing: Opportunities and Challenges", Computer Society of India (CSI) - 2015; CSI - 50th Golden Jubilee Annual Convention, held during 02nd - 05th December, 2015 at Bharati Vidyapeeth, New Delhi
21. Prashant R.Nair and S.P. Anbuudayasankar, "Social Mobile Analytics Cloud (SMAC) stack for Supply Chain Management", Computer Society of India (CSI) - 2015; CSI - 50th Golden Jubilee Annual Convention, held during 02nd - 05th December, 2015 at Bharati Vidyapeeth, New Delhi

22. Srihari S, Siddharth S, Girish L, S.P. Anbuudayasankar, "A Supply Chain Business Model with Subcontracting", Third International Conference on Business Analytics and Intelligence (BAI CONF 2015), Indian Institute of Management Bangalore (IIMB), December 17 – 19, 2015
23. R.Srikanthan, M.Karthik, N.Sivakarthik, P.Indukumar, S.P.Anbuudayasankar, "Cloud Based Supply Chain Management for Small and Medium Scale Enterprises", 1st International Conference on Advanced Engineering and Technology for Sustainable Development (ICAETSD 2015), Karpagam College of Engineering, Coimbatore, March 05 – 06, 2015.
24. Jivanath Venugopalan., V.S. Sarath., Anantha Krishnan. S., Roshan Jayaraj Pillai and S.P. Anbuudayasankar, "Analysis of Decision Models in Supply Chain Management", Global Congress on Manufacturing Management (GCMM-2014), VIT university, Vellore, Tamilnadu, December 8-10, 2014
25. M. Safeer, S.P. Anbuudayasankar, KartikBalkumar, "Analyzing Transportation and Distribution in Emergency Humanitarian Logistics", Global Congress on Manufacturing Management (GCMM-2014), VIT university, Vellore, Tamilnadu, December 8-10, 2014
26. Hari Prasad, S.A and S.P. Anbuudayasankar "Adoption of Cloud Computing Technologies in Supply Chain Management", International Conference on Advances in Design & Manufacturing 2014 (ICAD&M'14), National Institute of Technology, Tiruchrappalli, Tamilnadu, December 5-7, 2014
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FEW OTHER RESPONSIBILITIES

- NBA Coordinator of the School of Engineering and Technology
- Conducted and attended numerous Seminars, Workshops and Symposiums.
- Chaired many sessions in International and National Conferences
- Special talks and Guest lectures given in various Conferences, Seminars and Workshops.
- Actively involved in the editorial board of International Journals
- Acted as Board of Studies member in Engineering Colleges for both UG and PG Mechanical Engineering
- Acted as the OBE Coordinator of the Department
- Acted as Audit Committee member for Academic activities in Autonomous and Affiliated Engineering Colleges

Professional Society Membership :

- ❖ Life member of Indian Society for Technical Education (ISTE)