



Centre/School/Special Centre : SoS Engg & Tech
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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

Best Peer Reviewed Publications (up to 10):

1. Karthick K, Boris Ajit A, Subramanian V, SP Anbuudayasankar, Narassima MS, Hariharan D (2022) “Maximising profit by waste reduction in postharvest Supply Chain of tomato”, British Food Journal, <https://doi.org/10.1108/BFJ-06-2021-0702> (*Impact Factor: 3.224*)
2. 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 (*Impact Factor: 5.992*)
3. 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 (*Impact Factor: 4.199*)
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 COVID-19 Spread and Health Systems Burden”, International Journal of Electrical and Computer Engineering, Vol. 12, No. 4, pp. 4118-4128
5. Narassima M.S., Anbuudayasankar S.P., Balaji K S., Ramasubramanian B (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
6. 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 (*Impact Factor: 0.633*)
7. 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
8. 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: 5.190*)
9. 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. (*Impact Factor: 8.665*)
10. 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. (*Impact Factor: 2.648*)

Books/Book Chapters/Monographs etc:

- **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	Thesis Submitted

- Conducted and attended numerous Seminars, Workshops and Symposiums.
- Special talks and Guest lectures given in various Conferences, Seminars and Workshops.
- Presented papers in several National and International conferences and Seminars.

- Acted as Board of Studies member in Engineering Colleges for both UG and PG Mechanical Engineering.
- 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)