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Area	Decision Sciences and Information Systems
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Google Scholar Profile	https://scholar.google.co.in/citations?user=AWGbEfsAAAAJ&hl=en

Educational Qualifications

- Ph.D.** (Operations Management & Decision Sciences), SJM School of Management, IIT Bombay, India
Thesis Title: Modelling and Analysis of Integrated Forward-Reverse Supply Chain Systems (2010-2015)
- M.Sc.** (Mathematics), Department of Mathematics, IIT Bombay, India (2006-2008)
- B.Sc.** (Mathematics Hons), Ramakrishna Mission Vidyamandira, Calcutta University, India (2003-2006)

Academic Affiliations

- Assistant Professor**, National Institute of Industrial Engineering Mumbai (May 2018-till date)
- Assistant Professor**, Indian Institute of Management Kashipur (March 2015-May 2018)

Industry Experience

- Risk Analyst**, Citi Group Global Services Ltd (May 2008-July 2010)

Area of Research

- Closed-Loop Supply Chain Management
- Reverse Logistics
- Supply Chain Modelling and Optimization
- Multi-Objective Optimization
- System Dynamics Modeling and Analysis

Publications/ Articles/ Cases

Journal Publications

1. Pankaj Dutta, Debabrata Das, Frank Schultmann and Magnus Fröhling. (2016). Design and Planning of a Closed-Loop Supply Chain with Three Way Recovery and Buy-Back Offer. *Journal of Cleaner Production*, 135, 604-619. (Elsevier, ERA Rank - A)
2. Debabrata Das and Pankaj Dutta. (2016). Performance Analysis of a Closed-Loop Supply Chain with Incentive-dependent Demand and Return, *The International Journal of Advanced Manufacturing Technology*, 86(1), 621-639. (Springer, ERA Rank - B)
3. Debabrata Das and Pankaj Dutta. (2015). Design and Analysis of a Closed-Loop Supply Chain in presence of Promotional Offer, *International Journal of Production Research*, 53(1), 141-165. (Taylor & Francis, ABDC Rank - A)

4. Sidhartha Padhi, Pan Grosse-Ruyken and Debabrata Das. (2015). Strategic Revenue Management under Uncertainty: A Case Study on Real Estate Projects in India. *Journal of Multi-Criteria Decision Analysis*, 22(3-4), 213-229. (Wiley, ABDC Rank - B)
5. Debabrata Das and Pankaj Dutta. (2013). A System Dynamics Framework for Integrated Reverse Supply Chain with Three Way Recovery and Product Exchange Policy. *Computers & Industrial Engineering*, 66(4), 720-733. (Elsevier, ABDC Rank - B)

Book Chapter / Case Study

1. Kunal Ganguly and Debabrata Das. (2018). Modelling the Enablers of Supply Risk Management using Interpretive Structural Methodology. *Research, Practices, and Innovations in Global Risk and Contingency Management*. (pp. 286-304). IGI Global.
2. Rishu Agarwal, Debabrata Das, and Kunal Ganguly (2017). Challenges for a Mall Manager: Increasing Revenue through Proper Shop Allocation. *McGraw Hill Education*. (Case Study with Teaching Note).
3. Debabrata Das and Pankaj Dutta. (2013). Simulation Study of an Integrated Reverse Logistics in Fuzzy Environment. In *IAENG Transactions on Engineering Technologies* (pp. 151-165). Springer Netherlands.

Conferences (Proceedings / Presentations)

1. Gaurav Kumar, R. K. Padhy and Debabrata Das. (2018). A Study on Sustainability of Ethanol Fuel Supply Chain in India: System Dynamics Approach. *12th ISDSI International Conference*. December 27-30, 2018. SPJIMR, Mumbai, India. (Presented)
2. Aditya Sahu, Kampan Mukherjee and Debabrata Das. (2017). Application of Multi-Criteria Decision Making Technique in Sustainable Development: A literature review. *11th ISDSI International Conference*. December 27-30, 2017. IIM Trichy, India. (Presented)
3. Debabrata Das, Kampan Mukherjee, Kunal Ganguly and Gautam Sinha. (2016). Design and Planning of a Closed-Loop Pallet Management System, *5th World P&OM Conference*, Havana, Cuba, September 6-10, 2016. (Presented)
4. Siddhartha Paul and Debabrata Das. (2016). Studying Bullwhip Effect in Supply Chain: A System Dynamics Approach, *SPJIMR-POMS India Chapter Conference on Big Data Analytics for Optimizing Supply Chains*, Mumbai, July 29-30, 2016. (Presented)
5. R. K. Padhy and Debabrata Das. (2016). A Hybrid Model based on DEA and System Dynamics for measuring Leanness in Indian SMEs, *E-Business and Supply Chain Competitiveness (EBSCC 2016) Conference*, Indian Institute of Technology Kharagpur, February 12-14, 2016. (Presented)
6. Debabrata Das and Pankaj Dutta. (2015). A Reverse Logistics Framework in presence of Incentive Offer and Advertisement-dependent Demand, *2015 Annual Meeting of the Decision Sciences Institute*, Seattle, USA, November 21-24, 2015. (Presented)
7. Debabrata Das, Kampan Mukherjee and Kunal Ganguly. (2015). Design and Analysis of a Closed-Loop System for enhancing Sustainability in Pallet Management, *XIX Annual International Society of Operations Management Conference*, Kolkata, India, December 11-13, 2015. (Presented)
8. Debabrata Das and Pankaj Dutta. (2014). Optimization of a Closed-loop Supply Chain in presence of Three Way Recovery Policy under Uncertainty, *2014 POMS Annual Conference*, Atlanta, USA, May 9-12, 2014. (Presented)
9. Debabrata Das and Pankaj Dutta. (2012). A System Dynamics Framework for an Integrated Forward-Reverse Supply Chain with Fuzzy Demand and Fuzzy Collection Rate under Possibility Constraints, *In Proceedings of International Conference on Operations Research*, HongKong, March 14-16, 2012.

10. Debabrata Das and Pankaj Dutta (2012). A Simulation Study of Bullwhip Effect in a Closed-Loop Supply Chain with Fuzzy Demand and Fuzzy Collection Rate under Possibility Constraints, *In Proceedings of International Conference on Fuzzy Systems and Neural Computing*, Paris, France, April 25-26, 2012.
11. Debabrata Das and Pankaj Dutta. (2012). Integrated Reverse Logistics: A Study of Bullwhip Effect Using Simulation., *International Conference on Operations Research for Sustainable Development in Globalized Environment*, organized by Operation Research Society of India, Kolkata, India, January 06-08, 2012. (Presented)
12. Mangesh Gharote and Debabrata Das. (2012). Measuring Productivity of Institutional Food Service Providers, *16th Annual International Conference of the Society of Operations Management*, Delhi, India, December 21-23, 2012. (Presented)

Teaching Interests

- Quantitative Techniques
- Quantitative Models for Supply Chain Management
- System Dynamics Modelling
- Multi-Criterion Decision Analysis
- Multi-Objective Optimization
- Decision Making under Risk and Uncertainty

Consultancy Assignments

- ICFRE (Indian Council of Forestry Research and Education).
- Bajaj Auto Ltd.

Executive Training and Management Development Programme

- Quantitative Techniques
- Supply Chain Analytics

Awards and Achievements

- Received Award for Excellence in Thesis Work from IIT Bombay for the year 2014-2016 for outstanding research contributions.
- Received Certificate of Merit award for the research article - A System Dynamics Framework for an Integrated Forward-Reverse Supply Chain with Fuzzy Demand and Fuzzy Collection Rate under Possibility Constraints, in The 2012 IAENG International Conference on Operations Research, Hong Kong.
- Received grant of 600 EUR to attend The Pyrenees International Workshop and Summer School on Statistics, Probability and Operations Research, SPO 2011, 13-16 Sep 2011, Jaca, Spain.
- Received grant of 800 EUR to attend the International Summer School on Game Theory and Models of Voting, 8-15 Sep 2012, Campione da'Italia, Como, Italy.
- Received Shailesh J. Mehta School of Management Endowment Scholarship based on academic performance during course work of doctoral program.
- All India Rank 7 in Joint Admission to M.Sc (JAM), 2006 in Mathematics, conducted by Indian Institute of Technology Delhi.
- Awarded National Scholarship in 1999 by Directorate of School Education, Govt. of West Bengal.