

Published Papers in International and National Journals:

SL. No.	Title of Journal Paper	Name of Journal	Journal Indexing	Author	Vol, Year	Reference
1.	A smart inventory management system with medication demand dependencies in a hospital supply chain: A multi-agent reinforcement learning approach	Computers & Industrial Engineering [I.F. 7.9]	ABDC – A, WoS Q1, Scopus Q1, SCI	Esha Saha and Pradeep Rathore	Vol. 191, 110165, 2024	doi.org/10.1016/j.cie.2024.110165
2.	Understanding students' switching intentions from cash payment to mobile payment in education sector	Journal of Applied Research in Higher Education [I.F. 1.7]	Scopus Q2, ESCI	Pragha P, Krantiraditya Dhalmahapatra Pradeep Rathore, Esha Saha, Murali Sambasivan	2024	doi.org/10.1108/JAR-HE-11-2023-0522
3.	The Impact of Healthcare 4.0 Technologies on Healthcare Supply Chain Performance: Extending the Organizational Information Processing Theory	Technological Forecasting & Social Change [I.F. 12]	ABDC – A, WoS Q1, Scopus Q1, SSCI, ABS 3	Esha Saha, Pradeep Rathore	Vol. 201, 2024, 123256	doi.org/10.1016/j.techfore.2024.123256
4.	Impact of branding on customer purchase decision in apparel industry: An application of stimulus-organism-response theory	Vision: The Journal of Business Perspective [I.F. 2.8]	ABDC - C, Scopus Q2, ESCI	Pradeep Rathore, Esha Saha, Krantiraditya Dhalmahapatra, Murali Sambasivan	2024	doi.org/10.1177/09722629231225541
5.	Discovering Hidden Patterns among Medicines Prescribed to Patients using Association Rule Mining Technique	International Journal of Healthcare Management [I.F. 2.5]	ABDC - C, Scopus Q1, ESCI	Esha Saha, Pradeep Rathore	16(2), 277-286, 2023	doi.org/10.1080/20479700.2022.2099335
6.	The interplay of emerging technologies	Technological Forecasting &	ABDC – A, WoS Q1	Esha Saha, Pradeep	181, 121768,	doi.org/10.1016/j.tech

	in pharmaceutical supply chain performance: An empirical investigation for the rise of Pharma 4.0	Social Change [I.F. 12]	Scopus Q1, SSCI, ABS 3	Rathore, Ratri Parida, N. Rana	August, 2022	fore.2022.121768
7.	Case Mix-based Resource Allocation under Uncertainty in Hospitals: Physicians being the Scarce Resource	Computers and Industrial Engineering [I.F. 7.9]	ABDC - A, WoS Q1, Scopus Q1, SCI, ABS 2	Esha Saha, Pradeep Rathore	174, 108767, Dec 2022	https://doi.org/10.1016/j.cie.2022.108767
8.	Assessing impact of consumer perceived CSR on consumer attitude and purchase behaviour in retail segment: A stakeholder theory perspective	Society and Business Review [I.F. 1.58]	ABDC - B, ABS 2, Scopus-Q3, ESCI	Pradeep Rathore, Esha Saha, Sayan Chakraborty, Aviral Kumar Tiwari	18(2), 264-295, August 2022	https://doi.org/10.1108/SBR-10-2021-0207
9.	Modelling and Analysis of Inventory Management Systems in Healthcare: A Review and Reflections	Computers and Industrial Engineering [I.F. 7.9]	ABDC – A, WoS Q1, Scopus Q1, SCI, ABS 2	Esha Saha, Pradip Kumar Ray	137, 106051, Nov 2019	doi.org/10.1016/j.cie.2019.106051
10.	Modelling and Analysis of Healthcare Inventory Management Systems	OPSEARCH [I.F. 2.1]	ABS 1, ABDC – C, Scopus Q2, ESCI	Esha Saha, Pradip Kumar Ray	56(4), 1179-1198, Sept 2019	doi.org/10.1007/s12597-019-00415-x
11.	Patient Condition-based Medicine Inventory Management in Healthcare Systems	IISE Transactions on Healthcare Systems Engineering [I.F. 1.41]	Scopus Q2	Esha Saha, Pradip Kumar Ray	9(3), 299-312, July, 2019	doi.org/10.1080/24725579.2019.1638850
12.	Status Survey of Occupational Risk Factors of Manual Material Handling Tasks at a Construction	Procedia Manufacturing	Scopus	Pradip Kumar Ray, Ratri Parida, Esha Saha	3, 6579 – 6586, 2015	doi.org/10.1016/j.pro.mfg.2015.07.279

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Published Chapters in Books:

SL. No.	Title of Book Chapter	Name of Book	Publisher	Author	Page, Year	Reference
1.	E-procurement: An emerging tool for the pharmaceutical supply chain management	Applications of Emerging Technologies and AI/ML Algorithms. ICDAPS 2022. Asset Analytics	Springer	Esha Saha, Pradeep Rathore and Bhargav Anne	121-127, 2023	https://doi.org/10.1007/978-981-99-1019-9_12
2.	Utilizing Blockchain Technology to Manage Functional Areas in Healthcare Systems	Big Data-Driven Digital Economy: Artificial and Computational Intelligence	Springer	Esha Saha, Pradeep Rathore and Ashna Gigi	125-139, 2021	https://doi.org/10.1007/978-3-030-73057-4_11
3.	Statistical Analysis of Medical Data for Inventory Management in a Healthcare System	Analytics, Operations, and Strategic Decision Making in the Public Sector	IGI Global	Esha Saha, Pradip Kumar Ray	166-186, 2019	10.4018/978-1-5225-7591-7.ch008
4.	Inventory Management and Analysis of Pharmaceuticals in a Healthcare System	Healthcare Systems Management: Methodologies and Applications: 21st Century Perspectives of Asia	Springer	Esha Saha, Pradip Kumar Ray	71-98, 2018	10.1007/978-981-10-5631-4_7
5.	Modeling and Analysis of Distribution of Blood Stocks to Healthcare Units	Healthcare Systems Management: Methodologies and Applications: 21st Century Perspectives of Asia	Springer	Pratiksha Patel, Pradip Kumar Ray, Esha Saha	115-132, 2018	https://doi.org/10.1007/978-981-10-5631-4_9

6.	Ergonomic Performance and Evaluation of Worksystem: A Few Applications	Ergonomic Design of Products and Worksystems- 21st Century Perspectives of Asia	Springer	Pradip Kumar Ray, V K Tewari and Esha Saha	1-12, 2018	https://doi.org/10.1007/978-981-10-5457-0_1
7.	An Overview of Impact of Healthcare Inventory Management Systems on Entrepreneurship	Entrepreneurship in Technology for ASEAN	Springer	Esha Saha, Pradip Kumar Ray	83-94, 2017	https://doi.org/10.1007/978-981-10-2281-4_7
8.	Ergonomic Performance Measurement and Evaluation for Worksystems in Healthcare	Advances in Human Factors and Ergonomics in Healthcare	Springer	Pradip Kumar Ray, Esha Saha	329-342, 2017	https://doi.org/10.1007/978-3-319-41652-6_31
9.	Biomechanical Evaluation of patient Handling Jobs in Healthcare: A Case Study in India	Advances in Human Factors and Ergonomics in Healthcare	Springer	Dharmendra Sharma, Pradip Kumar, Esha Saha	67-74, 2017	https://doi.org/10.1007/978-3-319-41652-6_7

Conference Papers Presented:

SL. No.	Title of Conference Paper	Name of Conference	Organizer and Venue	Authors	Date
1.	E-procurement: An emerging tool for the pharmaceutical supply chain management	International Conference on Data Analytics in Public Procurement and Supply Chain	AJNIFM and NITIE	Esha Saha, Pradeep Rathore and Bhargav Anne	June 10-11, 2022 (Published)
2.	Impact of Physicians' Prescribing Behaviour on Hospital Inventory Management Systems	Seventeenth AIMS International Conference on Management	IIM Kozhikode	Esha Saha	January 2-4, 2020 (Published)

3.	Modelling and Analysis of Healthcare Inventory Management Systems	International Conference on Advancing Frontiers in Operational Research: Towards a Sustainable World	Operational Research Society of India (ORSI) and Heritage Institute of Technology, Kolkata	Esha Saha, Pradip Kumar Ray	December 21-23, 2017
4.	Inventory Management and Analysis of Pharmaceuticals in a Healthcare System	International Conference on Managing Ergonomic Design, Industrial Safety and Healthcare Systems	Indian Institute of Technology Kharagpur	Esha Saha, Pradip Kumar Ray	December 20-23, 2016
5.	Modelling Patient Medical Condition-based Demand for Managing Hospital Inventory	2nd IIMA International Conference on Advances in Healthcare Management Services	Indian Institute of Management Ahmedabad, India	Esha Saha, Pradip Kumar Ray	December 10-11, 2016
6.	Statistical Analysis of Medical Data for Inventory Management in a Healthcare System	34th Annual Meeting of the Indian Society of Medical Statistics	Indian Statistical Institute, Kolkata	Esha Saha, Pradip Kumar Ray	December, 1-3, 2016
7.	Biomechanical Evaluation of Patient Handling Jobs in Healthcare; A Case Study in India	International Conference on Applied Human Factors and Ergonomics	AHFE-2016	Dharmendra Sharma, Pradip Kumar, Esha Saha	Orlando, Florida, USA, July 27-31, 2016
8.	Development and Analysis of Discrete Particle Swarm Optimization algorithm to solve the transportation problem of cross-docking	International Conference on Advances in Engineering, Technology and Science	ICAET-2014	Esha Saha, R Sridharan	Munnar, Kerala, April 26 – 27, 2014
9.	Hybridization of Particle Swarm Optimization and Ant colony optimization technique to solve the distribution planning problem of cross-docking network	International Conference on Computational Intelligence and Advanced Manufacturing Research	Vels University, Chennai	Esha Saha, R Sridharan	Vels University, Chennai May 2-3, 2014

10.	Ant colony optimization technique to solve distribution planning problem of the cross-docking network	National Conference on Latest Trends In Mechanical Engineering	NSS college of Engineering	Esha Saha, R Sridharan	NSS college of Engineering, Palakkad, Kerala, March 25-27, 2014
11.	Smart sensor networks: Technologies and Applications for Green Growth	International Conference on Convergence of Optics and Electronics	JIS College of Engineering and University of Calcutta	Esha Saha, Anindya Ghosh, Dorathy Dey, Rashmeeta Das	• Science City, Kolkata, March 26-27, 2011
12.	Timing-Sync Protocol For Sensor Networks	National Conference on Mobile Communications	Guru Nanak Institute of Technology, Kolkata	Esha Saha, Anindya Ghosh, Dorathy Dey, Rashmeeta Das	Guru Nanak Institute of Technology, Kolkata, July 25-26, 2011

Published Article in Magazine/Newsletter:

SL. No.	Title of Article	Name of Magazine/Newsletter	Author	Year	Reference
1.	Case-Mix Planning Problem and Resource Allocation in Hospitals Issues and Challenges	Asian Hospital and Healthcare Management	Esha Saha	2020	https://www.asianhnm.com/articles/case-mix-planning-problem-and-resource-allocation-in-hospitals-issues-and-challenges