



Maharaja Surajmal Institute

Affiliated to GGSIP University & NAAC 'A' grade accredited.
Rated as Category 'A+' by SFRC & 'A' by JAC Govt. of NCT of Delhi
Recognised U/s 2(f) of UGC Act

Faculty Profile

1. **Name of Faculty:** Dr. Mamta Gupta
2. **Date of Joining:** Sep. 1, 2022
3. **Present Position:** Associate Professor
4. **Department:** Department of Management
5. **Email ID:** mamtagupta@msijanakupuri.com
6. **Profile:**

Your profile (glorify your work)

Dr. Mamta Gupta holds Ph.D. (Inventory Management) from Department of Operational Research, D.U. She is UGC-CSIR (NET) qualified in Mathematical Sciences. She has over 15 years of experience in academics. She has expertise in subjects Decision Sciences, Operations Research, Research Methodology, Production and Operations Management. She has research papers published in SCI indexed journals- Annals of Operations Research (Springer), International Journal of Production Economics (Elsevier), International Journal of Operations and Logistics (Taylor and Francis), International Journal of Logistics Systems and Management (IJLSM) and International Journal of Operational Research (Inderscience).

7. Educational Qualification:

S No.	Degree (graduation onwards)	College and/ or University	Year
1.	Bachelor of Science (B.Sc.) (Hons.) in Statistics (1997) passed with 84%	Sri Venkateshwara College, University of Delhi	1997
2.	Master of Science (M.Sc.) in Applied Operational Research (1999) passed with 85%	University of Delhi, South Campus, Delhi	1999
3	Doctor of Philosophy (Ph.D.) in Operational Research	Dept. of Operational Research, University of Delhi, Delh	2017

8. Employment Record (Latest First)

S No.	From [Month &Year]	To [Month &Year]	Employer Name	Positions Held	No of Years
1	Sep 2022	Till date	Maharaja Surajmal Institute	Associate Professor	
2	July 2018	August 2022	Bhagwan Parshuram	Assistant Professor	4 Years

			Institute of Technology, Affiliated to IP University		
3	August 2010	Nov 2017	Gitarattan International Business School, Affiliated to IP University	Assistant Professor	7 Years
4	Feb 2008	July 2010	Netaji Subhash Institute of Technology, Delhi	Faculty	2 years

9. Research Papers in National and International Journals (Few of the recent Publications are mentioned below)

S No.	Title of Paper (Vol and Page No.)	Name of Journal	National/ International	SCI/ SSCI/ SCOPUS/ UGC Care	Year of Publication	Impact Factor	No. of Citations
1	Artificial Neural Networks for Enhancing E-Commerce: A study on improving Personalisation, Recommendation and customer Experience	Lecture Notes in Networks and Systems	International	Springer (SCI Indexed)	2024	SJR 0.17	
2	Towards Intelligent Governance: The role of AI in Policymaking and Decision Support for E-Governance	Smart Innovations, Systems and Technologies	International	Springer (SCI Indexed)	2024	SJR 0.17	
3	The Antecedents of Rural Customers Satisfaction and Loyalty regarding Mobile Banking Services during Covid-19 pandemic	International Journal of Business Forecasting and Marketing Intelligence	International	Inderscience Publishers	2023		
4	An Analysis on Comparison of Stock Prices by Regression Analysis and Facebook Prophet Models.	Industrial Engineering Journal	International	UGC Care Listed	2022	3.37	
5	Retailer's ordering policies for time-varying deteriorating items with partial backlogging and permissible delay in payments in a two-warehouse environment	<i>Annals of Operations Research</i>	International	SCIE Indexed	2020	4.854	37
6	Credit financing in economic ordering policies for deteriorating items with stochastic demand and promotional efforts in two-warehouse environment	<i>International Journal of Operational Research</i>	International	Scopus Indexed	2019	0.92	11
7	Impact of trade credit on inventory models for Weibull distribution deteriorating items with partial backlogging in two-	<i>International Journal of Logistics Systems and Management</i>	International	Scopus Indexed	2018	1.36	13

	7warehouse environment						
8	Inventory and credit decisions for deteriorating items with displayed stock dependent demand in two-echelon supply chain using Stackelberg and Nash equilibrium solution	<i>Annals of Operations Research</i>	International	SCIE Indexed	2019	4.854	56
9	Optimal pricing and lot-sizing policy for supply chain system with deteriorating items under limited storage capacity	<i>International Journal of Production Economics</i>	International	SCIE Indexed	2018	11.251	104
10	Impact of credit financing, storage system and changing demand on investment for deteriorating items	<i>International Journal of Systems Science: Operations and Logistics</i>	International	SCIE Indexed	2019	2.469	12

10. Research Papers presented / Published as full paper in Conferences/ Seminars:

S No.	Title of Paper	Name of Conferences/ Seminars	National/ International	Name of Host Institution	Year
1	Influence of Green Supply Chain Management Practices on Organization Performance: An Interpretive Structural Modeling Approach	3 rd international Conference Effective Leadership Techniques in Turbulent Times: Recovery, Resilience and Adaption of Sustainable Business Models	International	BPIT, GGSIP University	5 th Dec 2023
2	Green Supply Chain Management: Studying the Impact of Digital Technology in Indian Industries	International Finance and Accounting Conference-IFAC 2023	International	IIM JAMMU	8-9 Sep 2023
3	The antecedents of Rural Customers Satisfaction and Loyalty regarding Mobile Banking Services during Covid- 19 pandemic	2nd International Conference on A Paradigm Shift in Managerial Practices and Innovations: Leading through Technology and Business Models	International	BPIT, affiliated to IP University	2022
4	Two-Warehouse Inventory Model with Partial Backordering and Weibull Distribution Deterioration under Permissible Delay in Payments	49 th ORSI International Conference	International	BIMTECH, India	2016

11. Books and Journals Published/Edited:

S No.	Title of Book/Journal	Publisher	National/ International	Volume and Issue no. (in case of journal)	Year of Publication
1	International Journal of Public Sector Performance Management	Inderscience Publishers	International	Special Issue	In process
2	BODH: BPIT International Journal of Technology and	ISSN-2454-8421	International	Vol 5, Issue 2	2019

	Management			
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12. Book Chapters in National and International Books

S No.	Title of Chapter (Page No.)	Name of Book	National/ International	Year of Publication
1	Emerging Need of Artificial Intelligence Applications and their Use cases in the Banking Industry: Case Study of ICICI Bank	<i>In Revolutionizing Business Practices Through Artificial Intelligence and Data-Rich Environments</i>	International	2022

13. Patent / Copyright :

S No.	Title of Patent/Copyright	Applicants	Patent /copyright number and Year

14. Sponsored Project/Consultancy :

S No.	Title of Project/Consultancy	Applicants	Sanctioned Amount	Sponsoring Agency	Duration of the project specifying the date of sanctioning

15. Research Scholars (M.Tech/ M.Phil/Ph.D. Thesis Supervised) : None

S. No.	Full Name of the student	Title of Thesis	Name of the host University	Year of Awarded	Supervisor/ Co-supervisor

16. Membership of Professional Bodies : None

S No.	Name of the Professional Body	Member/Fellow (Membership No.)	Remarks
1	Life member of Association of Inventory Academicians and Practitioners.	Member	