



# 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@msijanakpuri.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 14 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, Delhi	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	1 Year
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	SCIE/ ESCI/	Year of Publication	Impact Factor	No. of Citations
1	An Analysis on Comparison of Stock Prices by Regression Analysis and Facebook Prophet Models.	Industrial Engineering Journal	International	UGC Care Listed	Care	2022	3.37	
2	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	24
3	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	8
4	Impact of trade credit on inventory models for Weibull distribution deteriorating items with partial backlogging in two-warehouse environment	<i>International Journal of Logistics Systems and Management</i>	International	Scopus Indexed		2018	1.36	11
5	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	52
6	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	98
7	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	11

8	Ordering policy for non-instantaneous deteriorating items in two warehouse environment with shortages	<i>International Journal of Logistics Systems and Management</i>	International	Scopus Indexed	2015	1.36	12
9	An Inventory Model for Deteriorating Items with Two Levels of Storage and Displayed Stock-Dependent Demand Rate	<i>International Journal of Advance Research in Science and Engineering</i>	International	Peer Reviewed	2015		1

#### 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	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
2	Two-Warehouse Inventory Model with Partial Backordering and Weibull Distribution Deterioration under Permissible Delay in Payments	49 <sup>th</sup> 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

#### 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. Sponsored Project/Consultancy :

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

#### 14. 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

**15. Membership of Professional Bodies:**

S No.	Name of the Professional Body	Member/Fellow (Membership No.)	Remarks
1	Life member of Association of Inventory Academicians and Practitioners, Department of Operational Research, Delhi University	Member	Life membership