


## FACULTY PROFILE PROFORMA

<b>Title</b>	Dr.	<b>FirstName</b>	REENA	<b>LastName</b>	JAIN	<b>Photograph</b>
<b>Designation</b>	ASSISTANT PROFESSOR					
<b>Department</b>	COMPUTER SCIENCE					
<b>Address (Official)</b>	4621, MAIN ROAD, PAHARI DHIRAJ, DELHI 110006					
<b>Phone No.</b>	9811867077					
<b>Email</b>	<a href="mailto:reenajain@kalindi.du.ac.in">reenajain@kalindi.du.ac.in</a>					
<b>Education</b>						
<b>Subject</b>	<b>Institution</b>			<b>Year</b>	<b>Details</b>	
B.Sc(Mathematical Sc.)	DELHI UNIVERSITY			1999	1 <sup>st</sup> Division	
M.Sc(O.R)	DELHI UNIVERSITY			2001	1 <sup>st</sup> Division	
M.A.(Education)	C.C.S UNIVERSITY			2009	2 <sup>nd</sup> Division	
M.Sc(MATHS)	C.C.S UNIVERSITY			2011	2 <sup>nd</sup> Division	
Ph.D(MATHS)	CMJ UNIVERSITY			2013	Awarded	
Ph.D(O.R.)	DELHI UNIVERSITY			2021	Awarded	
<b>Career Profile</b>						
Organisation/Institution	Designation			Duration	Role	
KALINDI COLLEGE, DU	Assistant Professor			DEC. 2005 till date	Teaching	
<b>Research Interests/Specialization</b>						
Inventory Management, Supply Chain						
<b>Administrative Assignments / Contribution to corporate life</b>						
Convener of Informal Events Since 2012, Convener of Science Time Table Committee, Member of technical Committee, Member of Yearly academic journal.						
<b>Teaching Experiences (Subject/Courses taught)</b>						
<b>Teaching Experience: 19 years</b>						
<b>Courses Taught:</b>						
BSc.(H) Computer Science, B.tech in Computer Science, B.A.( Programme)						
<b>Subjects Taught:</b>						
Linear Algebra, Calculus and Matrices, Differential Equation, Probability and Statistical Methodology , Operational Research, Theory of Probability and Statistical Computing, Discrete Structures, Numerical Analysis, Computer Fundamentals, Combinatorial Optimization, Mathematics for Computing, Probability for Computing, Discrete Structures.						
<b>Publication (Peer Reviewed/Indexed Journals)</b>						
<b>Year of Publication</b>	<b>Title</b>			<b>Journal (Name of the journal. Vol Issue ISSN)</b>		<b>Co-Author</b>

2022	Formal Finance for the Informal Sector: A Case Study of India.	CASIRJ,2022, <i>International Research Journal of Commerce , Arts and Science</i> ,Vol.13(4), pp 142-156. ISSN 2319-9202 . Doi:	Anjali Bansal
		<a href="https://doi.org/10.32804/CASIRJ">https://doi.org/10.32804/CASIRJ</a> www.CASIRJ.com	
2021	Financing the unorganized sector: a state-level analysis.	<i>International Research journal of Management Sociology &amp; Humanities</i> , Volume 12(12). Pp. 320-331. ISSN 2277 - 9809 (online) DOI : 10.32804/IRJMSH. Impact factor-7.802	Anjali Bansal
2021	Impact of Price-Sensitive Demand and Premium Payment Scheme on Bullwhip Effect	. <i>International Journal of Information Systems and Supply Chain Management</i> , Volume 15 (1). Pp. 1-24. ISSN: 1935-5726 EISSN: 1935-5734 DOI: 10.4018/IJISSCM .Impact factor-1.39	Mona Verma and Chandra K. Jaggi
2021	Two Echelon Supply Chain with Price Dependent Demand and Premium Payment Scheme	<i>International Journal of Business Performance and Supply Chain Modeling</i> , Vol. 12, No. 2, pp. 116-128. <b>Impact factor-1.89</b>	Mona Verma
2021	Block Chain: A Pathway to Improve Performance Measures of Supply Chain.	<i>International Journal of Services Operations and Informatics</i> . Vol. 11, Nos. 2/3, pp. 300-314 Impact factor- 0.76	Mona Verma
2020	Two Echelon Supply Chain with Vendor Managed Inventory and Revenue Sharing Contract under Shortage Gaming Scenario.	<i>International Journal of Operations and Quantitative Management</i> , Volume 26, Number 4 pp. 255-283 DOI: 10.46970/2020.26.4.2 .	Mona Verma and Chandra K. Jaggi
2020	Impact on bullwhip effect in food industry due to food delivery apps.	<i>OPSEARCH</i> 58, 148–159 (2021). <a href="https://doi.org/10.1007/s12597-020-00469-2">https://doi.org/10.1007/s12597-020-00469-2</a> . Impact Factor: 1.6.	Mona Verma and Chandra K. Jaggi

2018	Significance of Social Media in Learning and Growth of Youth: A Case Study of a Women Undergraduate College of India	International journal of basic and applied research, September 2018 UGC Approved (UGC list number 64041), P-ISSN 22493352, E-ISSN 22780505	Nidhi Arora, Vandana Gupta, Aarushi, Mink Singh Chauhan, Shivani Yadav, Pallavi Pal, Umang Aggarwal, Swati Basu
2018	Quantitative Analysis for Measuring and Suppressing Bull whip Effect	Yugoslav Journal of Operations Research, 28 (2018), Number 3, 415-433 ISSN 0354-0243	Chandra K.Jaggi*, Mona Verma
2018	Impact of demonetization on Supply Chain in Indian Context	AIMS International Journal of Management Volume 12, Number 1 January 2018, pp. 1-10 ISSN: 1939-7011	Chandra K.Jaggi*, Mona Verma
2013	Disconnected and Connected Space	International Journal of Emerging Research in Management & Technology. ISSN: 2278-9359.	Kapil Kumar Bansal,
2012	Fuzzification of EOQ Model under the Condition of Permissible Delay in Payments	International Journal of Strategic Decision Sciences (IJSDS) Vol. 3, No. 2, pp. 1-19 ISSN: 1947-8569.	Jaggi Chandra K, Anuj Sharma
2012	Components and Quasi Components	International Journal of engineering and Science Research Vol.2, No.12, pp1998-2004. ISSN: 2277-2685.	Kapil Kumar Bansal,
2011	“Optimal Ordering and Transfer Policy for an Inventory Model with Fuzzy Stock Dependent Demand	<i>proceedings of the International Congress on Productivity, Quality, Reliability, Optimization and Modeling (ICPQROM), Vol. 1, pp. 532-543 ISBN:9788184247084</i>	Jaggi Chandra K, and Anuj Sharma

#### Book Chapter

2013	EOQ model with permissible delay in Payments under Fuzzy environment.	Book Title: Analytical Approaches to Strategic Decision making Interdisciplinary consideration ISBN : 9781466659582	Jaggi Chandra K, Anuj Sharma
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#### Seminar/Workshop/Conferences Presentation/Organisation

1. Presented the paper entitled “Financing the Unorganized Sector in India : Role of Government Initiatives” in 2nd International Conference on Global Finance and Business Environment during 23rd – 24th Dec 2021, organized by New Delhi Institute of Management, Delhi, India.
2. Presented the paper entitled “**Two Echelon Supply Chain with Vendor Managed Inventory and Revenue Sharing Contract under Shortage Gaming Scenario**” in 52<sup>nd</sup> Annual Convention of Operational Research Society of India (ORSI) and International Conference on December 15-18, 2019 held at Indian Institute of Management, Ahmedabad.
3. Presented the paper entitled “**Impact on Bullwhip Effect in Food Industry Due to Food Delivery**”

**Apps**” in National Conference on Emerging Trends in Information Technology NCETIT-2019, held during August 1-2, 2019 organized by Kalindi College , University of Delhi, Delhi-110008.

4. **Participated** in **International Conference** “Emerging Trends in Inventory, Supply Chain and Reliability Modeling 2018”, during December, 21-23 2018 held in Delhi, India.
5. **Presented** Paper entitled “Block Chain: A Pathway to Improve Performance Measures of Supply Chain” and **awarded the First Prize** in the category of **Best Paper award** in **International Conference** “Emerging Trends in Inventory, Supply Chain and Reliability Modeling 2018”, held during December, 21-23 2018 in Delhi, India.

6. Participated in „National Seminar on Recent Development in Mathematics“ held during 12-13 January, 2017.
7. Presented the paper entitled “**Impact of Demonetization on Supply Chain in India**” and won best oral presentation award in National Seminar on „A Paradigm Shift Towards Empowerment of Women“ held during 3-4 February, 2017.
8. Attended and presented a paper titled “**A Comparative Study of Allocation Mechanism in a single period Supply Chain**” in the International Conference on Recent Advances in Optimization Theory & Applications (RAOTA-2016) from (30<sup>th</sup> to 31<sup>st</sup> January, 2016).

#### **Awards & Distinctions**

- Qualified UGC-CSIR NET (2001) in Mathematical Sciences.
- Won best oral presentation award in International Conference “Emerging Trends in Inventory, Supply Chain and Reliability Modeling 2018”, held during December, 21-23 2018 in Delhi, India.
- Won best oral presentation award in National Seminar on „A Paradigm Shift Towards Empowerment of Women“ held during 3-4 February, 2017 .
- Dr. S. Radha Krishanan award for teaching 1n 2009.
- Awarded certificate in 1994 by National Olympiad of Mathematics.
- Awarded certificate in 1994 in science open merit test.

#### **Minor Projects Undertaken (Funded)**

- **2017-18:** “Social Media for Youth: A Boon or a Bane”,Funded by Kalindi College (KC/2017/03) - Principal Investigator- Completed.
- **2018-19:** “Analysing Real World Relationships Through Network Analytics, Funded by Kalindi College - Principal Investigator- Completed.
- **2021-22:** Financing the Unorganised Sector: Impact of Government Initiatives, Funded by Kalindi College -Principal Investigator- Running