

Dr. Mona Verma

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ACADEMIC QUALIFICATION

- **Ph.D.** entitled “**Strategic Inventory analysis and optimization in the Supply Chain**” from Department of Operational Research, Faculty of Mathematical Sciences, University of Delhi in **2010**.
- **M. Phil.** entitled “**Studies in Supply Chain Management**” from Department of Operational Research, University of Delhi in **2004**.
- **M.Sc. (Operational Research)** in **2001** from Kirori Mal College, University of Delhi
- **B.Sc. (H) Mathematics** in **1999** from Kirori Mal College, University of Delhi.

WORK EXPERIENCE

- Working as Assistant Professor in the Department of Management Studies in **Shaheed Sukhdev College of Business Studies, Vivek Vihar, University of Delhi** since June’14.
- As an Assistant Professor (ad-hoc) in Department of Mathematics in **Maharaja Agarsen College, University of Delhi** from **Jan’10-May’14**.
- As a Lecturer for Mathematics and Quantitative Techniques in Mother Teresa Institute of Management affiliated to GGS IP University from **Feb’06- July’08**.
- As a Lecturer for Mathematics & Quantitative Techniques in Gitarattan International Business School affiliated to I.P. University from **July’05-Jan’06**.

ACADEMIC EXPERIENCE

- Jointly supervised Ph.D. entitled “**Supply Chain Policies for curbing Bullwhip Effect**” in 2021.

- Presented a Talk on “**Impact of Bullwhip effect in Supply Chain**” in **4th National Colloquium on “Advances in Mathematical Sciences”** at D.M. College of Science, Dhanamanjuri University, Imphal, **2020**.
- Conference Co-Chair of **1st International Conference of Association of Inventory Academicians and practitioners on “Emerging Trends in Inventory, Supply Chain & Reliability Modeling”**, **2018**.
- Editorial Assistant of **International Journal of Inventory Control and Management**, published by **The Association for the Advancement in Combinatorial Sciences** from 2010-2011.

LIST OF PUBLICATIONS

1. **Verma, M., Jain, R., & Jaggi, C. K.**, “Impact of Price-Sensitive Demand and Premium Payment Scheme on Bullwhip Effect”. **International Journal of Information Systems and Supply Chain Management (IJISSCM)**, Vol.15 No.1, pp.1-24, **2022**. (*ESCI Indexed*)(*H Index: 15*) (*Scopus indexed*).
2. Jain, R., **Verma, M.**, “Block chain: a pathway to improve performance measures of supply chain”, **International Journal of Services Operations and Informatics**, Vol.11 No.2-3, pp. 300-314, **2021**. (*H Index: 14*) (*SJR: 0.17*) (*Scopus indexed*).
3. Hasan, A., Kausar, A. & **Verma, M.**, An EOQ model for non-instantaneous deteriorating items with ramp-type demand in a two-warehouse facility. **International Journal of Services Operations and Informatics**, 11(2-3), pp. 115-158 , **2021**. (*H Index: 14*) (*SJR: 0.17*) (*Scopus indexed*).
4. Jain, R., **Verma, M.**, Two echelon supply chain with price dependent demand and premium payment scheme. **International Journal of Business Performance and Supply Chain Modelling**, 12(2), pp. 116-128, **2021**. (*H Index: 16*) (*SJR: 0.27*) (*Scopus indexed*).
5. Jain, R., **Verma, M.**, & Jaggi, C. K., “ Impact on bullwhip effect in food industry due to food delivery apps.” **OPSEARCH**, Vol.58 No.1, pp.148-159, **2021**. (*ESCI Indexed*) (*H Index: 23*) (*SJR: 0.42*) (*Scopus indexed*)
6. Jain, R., Jaggi, C.K. & **Verma, M.**, “Two Echelon Supply Chain with Vendor Managed Inventory and Revenue Sharing Contract under Shortage Gaming Scenario,” **International J. of Operation and Quantitative Management**, Vol.26 No.4, pp.255-283, **2020** (*H Index: 13*) (*Scopus Indexed*) .

7. Chandra K.Jaggi, Reena Jain and **Mona Verma**, “Impact of Demonetization on Supply Chain in Indian Context”, **AIMS International Journal of Management** ,Vol.12,No.1, pp.1-10, **2018**.
8. Chandra K Jaggi, **Mona Verma**, Reena Jain, “Quantitative analysis for measuring and suppressing bullwhip effect”, **Yugoslavia Journal of Operations Research(YUJOR)** , Vol. 28, No. 3, pp. 415-433, **2018**. (*H Index: 22*) (*SJR: 0.26*) (*Scopus indexed*).
9. Chandra K. Jaggi , V.S.S. Yadavalli, **Mona Verma** , Anuj Sharma, “An EOQ model with allowable shortage under trade credit in different scenario”, **Applied Mathematics and Computation**,Vol. 252, pp.541-551,**2015**. (*SCI/SCIE Indexed*) (*Impact factor 4.397 in JCR*) (*SNIP: 1.441*)(*SJR:1.04*)(*H Index: 154*).
10. Chandra K.Jaggi and **Mona Verma**, “Analysis of trade credit financing in an EPQ environment with credit sensitive demand”, **International Journal of Operations Research and Optimisation (IJORO)**,Vol.3,No.2, 119-134,2012.
11. Chandra K.Jaggi, K.K.Aggarwal and **Mona Verma**, “Optimal Retailer’s Ordering Policies under Two Stage Partial Trade Credit Financing in a Supply Chain” in **International Journal of Industrial and Systems Engineering (IJISE)**, Vol. 10, No. 3,**2012**. .(*H Index: 14*) (*SJR: 0.28*) (*Scopus indexed*).
12. Chandra K.Jaggi and **Mona Verma**, “Two echelon Partial Trade credit financing in a supply chain Derived algebraically” in **Yugoslav Journal of Operations Research (YUJOR)**, Vol.22,No.2, **2012**. (*H Index: 19*) (*Scopus indexed*).
13. Chandra K. Jaggi and **Mona Verma**., “Ordering Policies under Supplier-Retailer Partial trade credit financing” **Opsearch**, Vol. 47, No. 4, pp.293-310, **2011**. (*ESCI Indexed*) (*Scopus indexed*) (*H Index: 23*) (*SJR: 0.416*).
14. Chandra K. Jaggi, **Mona Verma** and Amrina Kausar, “Customer Based Two Stage Credit Policies in a Supply Chain” in **International Journal of Logistics & Transportation Research (IJLTR)**, Vol.1, No.2, pp.1-12,**2011**.
15. Chandra K. Jaggi, Amrina Kausar and **Mona Verma**, “Retailer’s Optimal Credit and Replenishment Policy for deteriorating items using a Flexible Credit Demand” in **M R International Journal of Engineering & Technology**, Vol. 3, No.2,pp.1-9, **2011**.
16. Chandra K.Jaggi and **Mona Verma**, “An Inventory Model Under Two Stage Partial Trade Credit Financing Derived Without Derivatives” in **Proceeding of International Congress**

on Productivity, Quality, Reliability, Optimization and Modeling (ICPQROM),pp.544-556,2011.

17. Chandra K .Jaggi,P.K.Kapur and **Mona Verma**, “An EPQ Model For Two Echelon Trade Credit In A Supply Chain When End Demand Is Credit Sensitive” in **International Journal of Logistics and Supply Chain management (IJLSCM)** Vol.2, No.1, pp.1-8, **2010**.
18. Chandra K Jaggi, K.K.Aggarwal and **Mona Verma**, “Allocation Game in a single period supply chain” **Revista Investigacion Operacional (Cuba)**, Vol.31, No.2,pp .258-267, **2010**. . (*H Index: 10*) (*SJR: 0.25*) (*Scopus Indexed*).
19. Chandra K. Jaggi and **Mona Verma**, “Optimal Replenishment Policy under Retailer’s Partial Credit Financing in a Supply Chain, **Advances in Information Theory and Operations Research, Ed. Om Parkash**, pp.312-328,**2010**.
20. Chandra K.Jaggi and **Mona Verma**, “Retailer’s ordering policy for deteriorating items in a supply chain with varying deterioration rates” accepted in **International Journal of Advanced Operations Management (IJAOM)**, Vol. 1, No.2/3,pp.250-266, **2009**. (*H Index: 11*) (*SJR: 0.229*) (*Scopus Indexed*).

INTERNATIONAL/NATIONAL CONFERENCES ATTENDED

1. Attended and presented a Paper entitled “ Two echelon supply Chain with vendor Managed inventory and revenue sharing contract under shortage gaming scenario”, in **52nd Annual Convention of the Operational Research Society of India & International Conference**, 15-18 Dec, 2019 , IIM Ahmedabad.
2. Attended and presented a Paper entitled “ Impact of Bullwhip Effect in food industry due to Food delivery Apps”, **National Conference on Emerging Trends in Information technology NCETIT-2019**, August 1-2, 2019, Kalindi College, DU.
3. Attended and presented a paper titled “ Impact of demonetization on Supply chain in Indian Context”, at **National Conference on Statistics and optimization Techniques (NCSOT) in Conjunction with 2nd Convention of Indian Association for Reliability and Statistics (CIARS 2017)** held on 11-13 February, 2017, organized by Department of Statistics, M.D.University, Rohtak.
4. Attended **8th International Conference on Quality, Reliability, Infocom technology and Business Operations**, held on 8th-10th February at Amity University, Noida.

5. Attended and presented a paper titled “A Comparative Study of Allocation Mechanism in a single period Supply Chain” in **International Conference on Recent Advances in Optimization Theory and Applications (RAOTA 2016)** held on 30-31 January, 2016.
6. Attended and presented a paper at **ICPQROM-11, An International Congress on Productivity, Quality, Reliability, Optimization and Modeling**, held on 7-8 February, 2011 at DRDO, Delhi, India.
7. Attended and presented a paper at **ICQRIT-09, An International Conference on Mathematical Modeling and Related Optimization Techniques**, held on 18th-20th Dec, 2009 at University of Delhi, India.
8. Attended and presented a paper at **APORS-09, An International Conference on Operations Research for Emerging Economies**, held on 6th-9th Dec, 2009 at JIM, Jaipur, India.
9. Attended and presented a paper in **11th National Conference of Indian Society of Information Theory and Applications (ISITA)**, held on 24th-26th Oct, 2009 at Guru Gobind Singh Khalsa College, Punjab.
10. Attended and presented a paper in **International Conference on new trends in Statistics and Optimization**, held on 20th-23rd Oct, 2008 at Dept. of Statistics, University of Kashmir, Srinagar.
11. Attended and presented a paper in **40th Annual convention of Operational Research society of India**, held on 4th-6th Dec, 2007 at INSA, New Delhi.

Training, Workshop Attended

1. Attended **Faculty Development Programme** on “**Open-Source Tools for teaching and Research**” organized by Teaching Learning Centre [TLC], Ramanujan College [under PMMMNMTT Scheme of MHRD] from May 22-28, 2023.
2. Attended **Faculty Development Programme** on “**Qualitative Research and issues in Plagiarism (An Interdisciplinary Approach)**” organized by GAD-Teaching Learning Centre [TLC], SGTB Khalsa College [under PMMMNMTT Scheme of MHRD] from February 16- 22, 2023.

3. Attended **Faculty Development Programme** on “**New Paradigms in Commerce and Management**” organized by Teaching Learning Centre [TLC], Ramanujan College [under PMMMNMTT Scheme of MHRD] from September 15-28,2021.
4. Attended Short term course on “**E-content development**” organized by HRDC, Ranchi University, Ranchi from November 25- December 1, 2020.
5. Attended **Faculty Development Programme** on “**Decision Making in Management Using R**” organized by Department of Mathematics, Maharaja Agrasen College, University of Delhi in collaboration with GAD-Teaching Learning Centre [TLC], SGTB Khalsa College[under PMMMNMTT Scheme of MHRD] from October 23- November 1, 2020.
6. Attended **Faculty Development Programme** on “**Moving towards New Normal through Effective online Teaching**” organized by Department of Computer Science, Kalindi College, University of Delhi in collaboration with MHFDC, Hansraj College , DU (Under PMMMNMTT Scheme of MHRD) from December 1-7,2020.
7. Attended **Faculty Development Programme** on “**Business Research Methods**” organized by Department of Commerce, Sri Venkateshwara College, University of Delhi in collaboration with Teaching Learning Centre [TLC], Ramanujan College [under PMMMNMTT Scheme of MHRD] from November 19-25, 2019.
8. Attended a Training Program on Sensitization for Prevention of Sexual Harassment at work place on 15th November, 2019.
9. Attended **Faculty Development Programme** on ‘**Using MS Excel for Business Mathematics Problems**’ held on 21st January,2017 organized by Department of Commerce, PGDAV College.

PERSONAL INFORMATION

DATE OF BIRTH : 12th February 1979

MARITAL STATUS : Married

HUSBAND’S NAME : Mr. Sanjeev Kumar Verma

Mona Verma