CURRICULUM VITAE

Amrina Kausar

Ph.D, M. Phil. (Operational Research)

I. EDUCATIONAL QUALIFICATION

- **Cleared NET** (National Eligibility Test) along with **JRF** (Junior Research Fellowship) in Mathematical Sciences conducted by **CSIR /UGC (**Council of Scientific and Industrial Research / University Grant Commission) in June 2003.

- **Doctor of Philosophy (Ph.D.)** in **Operational Research**,
  Department of Operational Research, **University of Delhi**, Delhi, India. (2010)

  Thesis Title: *Influence of Marketing Policies and Trade Credit on Inventory Decisions.*

- **Master of Philosophy (M.Phil.)** in **Operational Research**, **(86.2%)**
  Department of Operational Research, **University of Delhi**, Delhi, India.

  Dissertation Title: *Inventory Management for Deteriorating Items. (2004)*

- **Master in Applied Operational Research**, **(72%)**
  South Campus, **University of Delhi**, Delhi, India. (2000)

- **Bachelor's in Mathematics (Hons.) (68.3%)**
  Sri Venkateswara College, **University of Delhi**, Delhi, India. (1998)

- **Diploma in Software Management** (**DISM**), APTEC (1999) securing 89%.

- **Certificate in Computing** (**CIC**) from IGNOU (1999) securing 80%.

II. TEACHING EXPERIENCE

June 2014 – till date	**Assistant Professor (Grade 12)** Shaheed Sukhdev College of Business Studies, **Vivek Vihar, University of Delhi, Delhi, India.**
Aug 2013 – May 2014	**Assistant Professor (Ad hoc)** Shaheed Sukhdev College of Business Studies, **Vivek Vihar, University of Delhi, Delhi, India.**
Aug 2009 – July 2013	**Assistant Professor (Ad hoc)** Department of Operational Research, University of Delhi, Delhi, India
Jan 2009 – Aug 2009	**Assistant Professor (Guest)** Department of Computer Science, Hans Raj College, University of Delhi, Delhi, India.

III. FELLOWSHIPS

Jan 2004-Dec 2005   *Junior Research Fellowship* **(JRF)**
Council of Scientific and Industrial Research (CSIR), Delhi, India.

Jan 2006-Dec2008   *Senior Research Fellowship* **(SRF)**
Council of Scientific and Industrial Research (CSIR), Delhi, India.

IV. ACADEMIC MEMBERSHIP/ EXPERIENCE

- *Editorial Assistant of International Journal of Inventory Control and Management*

- *Life member of Association of Inventory Academicians and Practitioners, India, since 2017*

- Life member of Operational Research Society of India, since 2005.

- Guest Editor of a special issue of International Journal of Services Operations and Informatics, Vol- 11 N0. 2/3, 2021. Inderscience Publishers Ltd. Switzerland

- Guest Editor of a special issue of OPSEARCH, Springer Publication 2023.

V. INTERNATIONAL / NATIONAL CONFERENCES ATTENDED

1. Attended and presented a paper in a one day seminar on Optimization Techniques held at Department of Operational Research, University of Delhi on 22nd Feb' 2006.

2. Attended and presented a paper in a National conference on Management Science and Practice, at IIM Ahmedabad, March 31-April1, 2006

3. 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.

4. Attended and presented a paper in an International Conference on New Trends in Statistics and Optimization, held on 20th -23rd , Oct. 2008 at Department of Statistics, University of Kashmir, Srinagar.

5. 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.

6. Attended and presented a paper at ICQRIT -09, An International Conference on Mathematical Modeling and Related Optimization Techniques (Trends and Future Directions) held on 18th - 20th Dec. 2009 at University of Delhi, India.

7. Attended and presented a paper at ICPQROM -11, An International Conference on Production, Quality, Reliability, and Operations Management held on 6th -8th Feb. 2011 at Indian Habitat Center, New Delhi, India.

8. Attended the Academic Congress on Enabling the young: Redefining Education, held on 6-7 September 2012 at University of Delhi, Delhi, India.

9. Attended an International Conference on Quality, Reliability, Infocom Technology and Industrial Technology Management (ICQRITITM), held on 26-28 November 2012 at Conference Center, University of Delhi, Delhi, India.

10. Participated in the MATLAB and Simulink Academic Tour 2013of Math Works at Cluster Innovation Centre, University of Delhi in September 2013.

11. Participated in the workshop on the Foundation Course- Building Mathematical Ability organized by University of Delhi in Feb 2014.

12. Participated in an International conference on Emerging trends in Inventory, Supply chain and Reliability Modeling, organized by Department of Operational Research, University of Delhi in Dec 2018.

13. Participated in an International conference on Sustainable supply chain Management under India's G20 Presidency, organized by Department of Operational Research, University of Delhi in Nov 2023.

VI. LIST OF PUBLICATIONS

Book Chapter:

1. Retailer's ordering policy in a supply chain when demand is price and credit period dependent co authored with Dr. Chandra. K Jaggi, Management Theories and Strategic Practices for Decision Making by Prof. Madjid Tavana, IGI Global, USA., Chapter 14, pp. 262-277(2013).

2. Dual Warehouse Inventory Management of Deteriorating Items under Inflationary Condition. In: Kapur P.K., Singh G., Panwar S. (eds.) Advances in Interdisciplinary ReOrganised search in Engineering and Business Management. Asset Analytics (Performance and Safety Management). Springer, Singapore, pp. 39-53 (2021).

3. Inventory Models for Imperfect Quality Items: A Two-Decade Review. In: Kapur P.K., Singh G., Panwar S. (eds.) Advances in Interdisciplinary Research in Engineering and Business Management. Asset Analytics (Performance and Safety Management). Springer, Singapore, pp. 185-215(2021).

Refereed Journal (International/ National):

1. Kausar, A., Hasan, A. & Jaggi, C. K. (2023).Sustainable inventory management for a closed-loop supply chain with learning effect and carbon emission under the multi-shipment policy. *International Journal of System Assurance Engineering and Management, Springer Publication, 14(5) 1738-1755* (ESCI) (Scopus Indexed) (Impact Factor: 2.018) (H Indexed 28) *ISSN/eSSIN :***0975-6809 / 0976-4348**

2. Maheshwari, S., Gautam, P., Kausar, A., & Jaggi, C. K. (2023). Optimal inventory replenishment policies for deteriorating items with preservation technology under the effect of advertisement and price reliant demand. ***International Journal of Systems Science: Operations & Logistics***, 136128. **(Scopus, SCIE, IF 9.040)** ISSN : 2330-2674**.**

3. Gautam, P., Maheshwari, S., Kausar, A., & Jaggi, C. K. (2023). Sustainable retail model with preservation technology investment to moderate deterioration with environmental deliberations. *Journal of Cleaner Production*, ELSEVIER SCI LTD 390, 136128. (SCIE Indexed) (Impact Factor: 11.07) (ABDC-A) (Scopus Indexed) (H Indexed: 232) *ISSN/eSSIN :* **0959-6526 / 1879-1786**

4. Maheshwari, S., Kausar, A., Hasan, A. & Jaggi, C. K. (2023). Sustainable inventory model for a three-layer supply chain using optimal waste management. *International Journal of System Assurance Engineering and Management, Springer Publication, 14(1)216-235* (ESCI) (Scopus Indexed) (Impact Factor: 2.018) (H Indexed 28) *ISSN/eSSIN :***0975-6809 / 0976-4348**

5. Gautam, P., Maheshwari, S., Hasan, A., Kausar, A., & Jaggi, C. K. (2022). Optimal inventory strategies for an imperfect production system with advertisement and price reliant demand under rework option for defectives. *RAIRO-Operations Research,* ***EDP SCIENCES S A , FRANCE,*** 56(1), 183-197. *(SCIE Indexed)* (Scopus Indexed) *(Impact Factor: 2.5 in JCR) (H Index: 24) (SJR: 0.393). ISSN/eSSIN :***0399-0559 / 2804-7303**

6. Hasan A., Kausar A., Verma M. (2021). An EOQ model for non-instantaneous deteriorating items with ramp-type demand in a two-warehouse facility. International Journal Services Operations and Informatics, 11(2/3), 115-158. *(Scopus Indexed) (Impact Factor: 1.06)(ABDC-C) (H Index: 14) (SJR: 0.17).ISSN/eISSN:* 1741-539X /1741-5403

7. Jaggi, C. K., Gupta, M., Kausar, A., & Tiwari, S. (2019). Inventory and credit decisions for deteriorating items with displayed stock dependent demand in two-echelon supply chain using Stackelberg and Nash equilibrium solution. *Annals of Operations Research*, 274(1-2), 309-329. *(SCI/SCIE Indexed)* (Scopus Indexed) *(Impact Factor: 4.854 in JCR) (H Index: 105) (SNIP: 1.124) (SJR: 1.115). ISSN: 1572-9338*

8. Jaggi Chandra K, Kausar, A and Mona Verma (2011): "Retailer's Optimal Credit and Replenishment Policy for deteriorating items using a Flexible Credit Demand" Manav Rachna International Journal(MRIJ), Vol. 3 No. 2, pp. 1-9.

9. Jaggi, C. K., & Kausar, A. (2011). Retailer's Ordering Policy in a Supply Chain When Demand Is Price and Credit Period Dependent. International Journal of Strategic Decision Sciences, 2(4), 61-74 *(H Index: 1) Impact Factor 0.64)ISSN: 1947-8569*

10. Jaggi, C. K., & Kausar, A. (2010). Retailer's optimal credit and replenishment policy for deteriorating items with credit linked demand in a supply chain. *International Journal of Applied Decision Sciences*, *3*(2), 117-131. *(H Index: 18)(SJR 0.232)(Scopus Indexed) (Impact Factor 0.26) ISSN: 1755-8077*

11. Jaggi, C. K., & Kausar, A. (2009). Inventory decisions for deteriorating items under two-stage trade credit with credit period induced demand. *International Journal of Applied Decision Sciences*, *2*(1), 74-86.*(H Index: 18)(SJR 0.232)(Scopus Indexed) (Impact Factor 0.26) ISSN: 1755-8077*

12. Jaggi, C. K., Kausar, A., & Khanna, A. (2007). Joint Optimization of Retailer's unit selling price and Cycle Length under Two-Stage Credit Policy when the end demand is price as well as credit period sensitive. *OPSEARCH,* 44(2), 172-182. *(ESCI Indexed) (Scopus indexed) (H Index: 20)) (Impact Factor 1.6)(SJR: 0.357)*

13. Jaggi, C. K., Goel, S. K., & Kausar, A. (2007). Joint Optimization of Price and Cycle Length under Two-Stage Credit Policy with Credit-Linked Demand. *Investigación Operacional*, 28(3), 196-203*. (H Index: 10)(SJR 0.21)(Impact Factor: 0.71))(Scopus Indexed)ISSN: 0257-4306*

14. Jaggi, C. K., Shah, N. H., & Kausar, A. (2007). Optimization of Channel Profit for Deteriorating Items under Permissible Delay in Payments when end Demand is Price Sensitive. *Investigación Operacional*, 28(3), 204-216*. (H Index: 10)(SJR 0.21))(Scopus Indexed) (Impact Factor: 0.71)) ISSN: 0257-4306*

VII. RESEARCH GUIDANCE

M. Phil. Dissertation Supervised: 1

1. Ahmad Hassan : Inventory Modelling Under a Reverse Logistics Framework (January 2020)

Ph. D. Submitted: 1

Sumit Maheshwari : Inventory Decisions under various Pragmatic Scenario (Nov 2023)

Ph. D. Under Progress: 1

1. Ahmad Hassan : Inventory Management (09 July 2020)

VIII. BIOGRAPHICAL INFORMATION

Date of Birth : 19th Feb' 1978

Marital status : Married

Nationality : Indian

Husband's Name : Mohd Imran Umar

Husband's Profession : Country Manager, LG Chem. Ltd.

Res. Address : C-617, Rohini Heights, Sector 29, Rohini, Delhi – 110042.

Mobile : + 91 9810013343

E-mail : amrinakausar@sscbsdu.ac.in amrinakausar1@yahoo.co.in

Date: 24.11.23

Place: New Delhi   Signature