Name of the Faculty: Dr. Rahul Solanki

	Designation and Department
	Assistant Professor, Department of Management
	Education and Training
	☐ Ph.D. (Operations Research) from Department of Operational Research, Faculty of Mathematical Sciences, University of Delhi, India ☐ M.Phil. (Operations Research) with distinction from Department of Operational Research, Faculty of Mathematical Sciences, University of Delhi, India ☐ M.Sc. (Operational Research) with distinction from Department of Operational Research, Faculty of Mathematical Sciences, University of Delhi, India ☐ B.Sc. (Hons.) Physics from Hansraj College, University of Delhi, India

Contact Information	**Areas of Interest**
Email: solanki.rahul1470@gmail.com	**Teaching:** Optimization, Supply chain management, Statistics **Research:** Multi-criteria optimization models, Carbon policies implementation, Sustainable supply chains **Subjects Taught:** Advanced linear programming, Inventory management, Quantitative techniques for management, Marketing, Mathematics for computing

Experience: One year and two months

Work Experience:

☐ Assistant Professor (Guest), Department of Management, Shaheed Sukhdev College of Business Studies, University of Delhi, New Delhi, India
☐ Assistant Professor (Guest), Department of Economics, Dyal Singh College (Evening), University of Delhi, New Delhi, India
☐ Research Assistant, Department of Operational Research, University of Delhi, India

Research Publications

☐ Kannan, D., **Solanki, R.**, Darbari, J. D., Govindan, K., & Jha, P. C. (**2023**). A novel bi-objective optimization model for an eco-efficient reverse logistics network design configuration. *Journal of Cleaner Production*, *394*, 136357. *SCI-indexed*. *Impact factor,* 11.072.
☐ Devika, K., **Solanki, R.**, Kaul, A., & Jha, P. C. (**2022**). Barrier analysis for carbon regulatory environmental policies implementation in manufacturing supply chains to achieve zero carbon. *Journal of Cleaner Production*, 131910. *SCI-indexed*. *Impact factor,* 11.072.
☐ **Solanki, R.**, & Darbari, J. D. (**2021**). A Multi Objective Reverse Logistics Network Design Model Under Carbon Pricing: An Emerging Economy Perspective. In *Soft Computing for Problem Solving* (pp. 589-601). Springer, Singapore.
☐ **Solanki, R.**, Darbari, J. D., Agarwal, V., & Jha, P. C. (**2020**). A fuzzy multi-criteria decision model for analysis of socio-ecological performance key factors of supply chain. In *Soft Computing for Problem Solving* (pp. 671-685). Springer, Singapore.

☐ **Solanki, R.**, Jha, P. C., Darbari, J. D., & Agarwal, V (**2019**). An Interpretive Structural Model for Analysing the Impact of Sustainability Driven Supply Chain Strategies. SCOPUS Indexed. ***Proceedings of the International Conference on Industrial Engineering and Operations Management***, Volume 2019, Issue MAR, 2019.

Conferences Presentations

☐ International conference on '*Recent Trends in Operational Research and Statistics*', paper entitled "Adoption of Sustainability Practices in Supply chain: A Multi-Criteria Analysis".

☐ '*International Conference on Business Analytics and Intelligence*', paper entitled "Multi-Criteria Decision-Making Modeling for Sustainability Performance Evaluation of Automobile Industry".

☐ '*Mathematical Sciences and Scientific Computing for Industrial Development* (MSSCID-2017)', paper entitled "DEMATEL Approach for Assessment of Social Sustainability Factors Affecting Closed Loop Supply Chain".

☐ National Seminar on '*Environmental Sustainability and Conservation: Issues and Challenges in 21st century*', paper entitled "Stakeholders Framework for Analyzing Relationship Between Sustainability Metrics of Supply Chain".

☐ International conference on 'Emerging Innovation in Statistics and Operations Research (EISOR-2018)', paper entitled "Application of Fuzzy-VIKOR for Strategic Supplier Selection in Sustainable Supply Chain".

☐ International conference on business analytics (ICBAI- 2018), paper entitled titled: "*An Integrated Supplier Selection Decision Model for Minimizing the Sustainability Related Supply Chain Risks*".

☐ International conference on Operations Research (EISOR-2018), paper entitled: "*Application of Fuzzy-VIKOR for Strategic Supplier Selection in Sustainable Supply Chain*"

☐ The ninth annual international conference on 'Industrial Engineering and Operations Management' (IEOM-2019, Bangkok), paper entitled "An Interpretive Structural Model for Analyzing the Impact of Sustainability Driven Supply Chain Strategies".

☐ Indo-French seminar on Optimization, Variational Analysis and Applications (Department of Mathematics, BHU, Varanasi, India, February 2020), paper entitled "Supply chain network design under carbon tax policy scheme: A developing nation case study".

☐ International Conference on Business analytics and Intelligence (ICBAI-2021), paper entitled "Analysis of carbon regulatory policies inhibitors in manufacturing supply chain: Insights from an Indian case study".

Faculty Development Programs and Certifications

☐ Faculty development program on 'Biostatistical & Mathematical Skills with Excel and R', Ministry of Education, government of India (16 – 31st August, 2021).

☐ Workshop on 'New Trends in Fuzzy Set Theory and its Application (FRSTA-2020)', Manipal University Jaipur (25-29 September, 2020)

☐ Faculty development program on 'Multi Criteria Decision Making Technique and Applications', Calcutta business school (24 August – 4 September, 2020)

☐ Data Analytics Certification, IIM-Rohtak (July-October, 2019).

☐ Faculty Development Program in Swamp Evolutionary Computation, South Asian University (25-25 November, 2018).

☐ Faculty Development Program on Data Analytics Using R-Environment, Satyawati College, University of Delhi (25-26 August 2017).

Society Memberships

☐ Operational Research Society of India
☐ Soft Computing Research Society
☐ Industrial Engineering and Operations Research Society International