Profiles of external members of apex bodies

External Members of Executive Council

Serial No.	Name	Designation	Category (Industry/Academia)
1	Professor Nitin Seth	Professor (Supply Chain and Operations Excellence) Indian Institute of Foreign Trade, New Delhi (Under Department of Commerce, Govt. Of India) B-21, Qutab Institutional Area, New Delhi-110016	Academia

Profiles of Executive Council External Member/s

Professor Nitin Seth

Email: nitinseth@iift.edu/sethgermany@gmail.com

- **QUALIFICATION**

- Post Doctoral Experinece (+6 Months), at GIZ/DIE Germany and Ecole Des Mines, Saint Etienne France (Programme Sponcered by Federal Ministry of Economic Cooperation and Development, Germany)
- Doctor of Philosophy (Ph.D.) in Supply Chain Management (Indian Institute of Technology, New Delhi, INDIA (IIT/D)
- Post Graduation (M.Tech) Indian Institute of Technology, New Delhi, INDIA (IIT/D)
- Post Graduation in Industrial Engineering and Management
- Graduation in Mechanical Engineering (B.E.) First Division, 2nd rank in University

AREAS OF INTEREST / SPECIALIZATION

Teaching Interest/s:
Supply Chain Management (with focus on sustainable business practices)
Operations Management and Service Operations
Service Quality
Total Quality Management
Project Management

Research Interest/s:
Sustainable Business Practices and Operations Excellence

- **WORK EXPERIENCE**

Professional Experience (+23 years): Teaching +20 Years ; Industry : About 3 Years
Presently serving as Professor in Indian Institute of Foreign Trade (IIFT, New Delhi), Experience: about 10 Years (Joining- April, 2008)

International Visits/Assignments

Europe

Germany, Switzerland, Belgium, France, Finland, Austria, Estonia

Africa

Dar es Salaam (Tanzania). Addis Ababa (Ethiopia) Cairo (Egypt) Gabarone (Botswana)
Windhoek (Namibia) Pretoria (South Africa) Tunis (Tunisia) Harare (Zimbabwe)
Accra (Ghana)

Singapore

- **PUBLICATIONS**

Achievements :

- Authored more than 80 Papers at International and National Levels (International Journals : 40).

- Google h index =12, Scopus citations =+ 550; scopus h index =8

- Research paper titled "**Service quality models: a review**" achieved a citation of +1000 (Google scholar citations)

- Research paper titled **"A conceptual framework of service quality in supply chain**" achieved one of the most top 20 downloads research papers (IJPDLM) in 2010

- * Books/Chapters in Book:

Co authored a book titled, 2003, "Fundamentals of Metal Cutting and Machine tools", New Age International publishing, New Delhi, India. Joint authors : Dr. B.L. Juneja and G.S. Shekhon

School selection by Fuzzy TOPSIS and AHP, Chapter 1, Innovative solutions for implementing global supply chains in emerging markets, Advances in Logistics, operations and management science series (ALOMS) book series, published by

Montclair university USA

Select referred International publications (ONLY Scopus listed and ABDC RANKED)

Seth N.,Deshmukh S.G. and Vrat P., (2005), Service Quality Models: A review, International Journal of Quality and Reliability Management, Vol.22, No.9, pp.913-949.

Seth N., Deshmukh S.G. and Vrat P., (2006), A conceptual model of service quality in supply chain, International Journal of Physical Distribution and Logistics Management, Vol.36, No.7, pp.547-575

Seth N., Deshmukh S.G. and Vrat P., (2006), A framework for measurement of quality of service in supply chain",, Supply Chain Management: An International Journal, Volume 11, No.1, pp 82-94

Seth N.,Deshmukh S.G. and Vrat P., (2006), "SSQSC a tool to measure supplier service quality in supply chain", Production Planning and Control: An International Journal, Vol.17, No.5, pp.448-463.

Seth D.,Seth N. and Goel D., (2008), Application of value stream mapping (VSM) for minimization of wastes in the processing side of supply chain of cottonseed oil industry in Indian context, Journal of Manufacturing Technology Management, Vol. 19, No.4. pp.529-550.

Talankar, A., Verma, P. and Seth N. (2011), A Conceptual Framework for Application of Six Sigma Improvement Methodology in Non-Formal Service Sector, International Journal of Six sigma and competitive advantage, Vol.6, No.4 , pp.321 – 338

Verma A., Seth N. and Singhal, N., (2011), Enablers of supply chain competitiveness: An Interpretive Structural Modelling approach, International Journal of Value Chain Management, Vol 5, No 3-4, pp 212-231.

Saxena A. and Seth N., (2012), Supply chain risk and security management: an interpretive structural modelling approach, International Journal of Logistics Economics and Globalisation, Vol.4., No.1, pp. 117-132.

Mehta, N, Verma, P, Seth, N. And Shrivastava, N. (2014), Identification of TQM criterions for engineering education using Delphi technique, International Journal of Intelligent Enterprise, Vol.2. No.4, 2014 pp325-341

Saxena A. and Seth N. (2014), Analytic hierarchy Process to assess Supply chain risk and security management, International Journal of Procurement Management, Vol. 7, No. 3.pp. 279-298.

Metha, N, Verma P and Seth N. (2014), TQM implementation on Engineering Education in India: An interpretative structural modeling approach, Total Quality Management and Business Excellence, Vol. 25, No 2, pp.124-140.

Talankar, A, Verma P and Seth N. (2015), Modelling the Clusters of Critical Success Factors of Six Sigma for Non-Formal Service Sectors using Interpretive Structural Modelling, International Journal of Six Sigma and Competitive Advantage, Vol 9, No 2-4, pp 222-240.

Jena N and Seth N, (2016), Investigating the perceptions of Indian employees on logistics network and logistics cost on Indian steel sector, Asia Pacific Journal of Marketing and Logistics, Vol. 28, No: 3, pp.565 – 574.

Maheshwari, P., Seth N. and Gupta, A.K. (2017), Drivers of product visibility in Indian automobile sector: An ISM based approach, International Journal of Logistics Economics and Globalisation, Vol xx-, No xx, pp xx-xxx.

Singh S., Singh, R.K. and Seth N, (2017), Ranking of critical success factors for online retailing by TOPSIS approach, International Journal of Productivity and Quality Management, Vol 21, No. 3, pp.359-374.

Seth D, Seth N and Dhariwal, P., (2017), Application of value stream mapping (VSM) for lean and cycle time reduction in complex production environments: a case study, Production Planning and Control, Vol 28, No 5, pp. 398-419.

Agrawal V, Seth N, Seth D. and Tripati V, (2018), Exploring e-Service Quality and its Relation with Customer Satisfaction in the Banking Sector: An Indian Experience, accepted in International Journal of Business Information Systems

Maheshwari, P., Seth N. and Gupta, A.K. (2018), An interpretive structural

modeling approach to advertisement effectiveness in the Indian mobile phone industry, accepted in Journal of Modelling in Management

Verma, A., Seth, N., Singhal, N., (2018), Application of Interpretive Structural Modelling to establish Interrelationships among the Enablers of Supply Chain Competitiveness, Materials Today: Proceedings

Joshi, V. and Seth N., (2018), Identification of total quality management constructs for Indian schools, accepted for publication in International Journal of Intelligent Enterprise.

Maheshwari, P.and Seth N (2018) "Effectiveness of Flipped Classrooms: A Case of Management, Education in Central India", accepted for publication in International Journal of Educational Management

- **PROFESSIONAL / ACADEMIC AFFILIATIONS**

Ph.D. (Supervisor/Co Supervisor): 11 student (awarded degree) ,1 Thesis under evaluation.

Graduate and Under-Graduate dissertation guidance:

Guided more then 80 students at Undergraduate level

Guided more then 100 students at Post Graduation Level

Select Invitations/Memberships in India

Invited as key speaker on Global Regimes and Industry 4.0: Implications for Domestic Capacity in India. at Futuristic, Resilient and Digital Infrastructure' meet organized by AIIB and RIS, Bangalore on 3-4 May 2018.

Convenor MSD/4, ISO Ballot- ISO/CD20400 on sustainable procurement, Bureau of Indian Standards, GOI, INDIA

Invited member for AIEEE, online examination committee

Invited member for MSD 4/A-2.23, Management and Productivity Sectional Committee, Bureau of Indian Standards, GOI, INDIA

Academic Council member, Indian Institute of Foreign Trade, New Delhi 2013-15.

Invited as Key note speaker in International Conference at Amrawati University 2014

Consultancy Assignments handled

Chemical Sector (01) Improvements through optimizing Supply Chain
Consumer Electronics (01) Supply chain mapping and cycle time reduction
Pharmacy, Sector (02) Study for process improvements.
Mechanical Machinery Sector (01) Productivity improvement in select areas

External Members of The Governing Body

Serial No.	Name	Designation	Category (Industry/Academia)
1	Shri Rajesh Garg	Managing Director Prakash Diesels Pvt. Ltd. Hathras Road, Agra – 282006 (U.P)	Industry
2	Shri Kuldeep Arora	Chartered Accountant, Kuldeep Arora and Associates, Satya Nishtha, Backside of Krishnam Hotel, Raman Reti, Vrindavan	Industry

Profiles of The Governing Body Member/s

Rajesh Garg

Email: rajesh@prakashindia.com

About Rajesh Garg

RAJESH GARG is registered as Director with Ministry of Corporate Affairs having DIN 00182027 and is currently associated with 0 Companies. The Total paid up capital of all companies where RAJESH GARG holds active directorship is ₹ N/A.

As Per Our Record RAJESH GARG most recent directorship is with 0 Companies. RAJESH GARG holds Directorship in 0 Companies which are Active and therefore, 0 are inactive in status. Possessing a vast experience over several years.

RAJESH GARG bearing DIN 00182027 is not disqualified by ROC u/s 164(2).

Companies Associated With

COMPANY	DESIGNATION	ORIGINAL DATE OF APPOINTMENT
PRAKASH ECOPOWER INDIA PRIVATE LIMITED	Director	2009-09-25

COMPANY	DESIGNATION	ORIGINAL DATE OF APPOINTMENT
PRAKASH DIESELS PRIVATE LIMITED	Director	1989-07-27
PRAKASH AUTOCAST PRIVATE LIMITED	Director	2006-08-19
RADHA RUKMANI STEELS PRIVATE LIMITED	Director	2021-06-17
PRAKASH IMPEX PRIVATE LIMITED	Director	2000-01-18
PMR FINVEST PRIVATE LIMITED	Director	2006-12-26
PRAKASH AGRICULTURAL INDUSTRIES PRIVATE LIMITED	Director	2013-07-01
PRAKASH AUTOSALES PRIVATE LIMITED	Director	2018-10-24
AKASH DEEP PRIVATE LIMITED	Director	2009-10-07
RPG TRADE IMPEX PRIVATE LIMITED	Additional Director	2017-02-14
PRAKASH GREENS INDUSTRIES PRIVATE LIMITED	Director	2021-03-25

Kuldeep Arora

Email: kuldeeparora@gmail.com

About

Practicing Chartered Accountant at Mathura-Vrindavan since 1992.
Qualifications - M. Com., LL.B., FCA, DISA(ICAI)
Specialized in Taxation & Audit

Experience

- Chartered accountant at **Practicing Chartered Accountant**
  1993 – Present · Mathura, Uttar Pradesh
- Member of ICAI at Kuldeep Arora & Associates
  14 January 1992 – Present · Mathura, Uttar Pradesh
- Chartered accountant at The Institute of Chartered Accountants of India
  14 anuary 1992 – Present · Mathura, Uttar Pradesh
  Working as a practicing Chartered Accountant in Kuldeep Arora & Associates

External Members of The Finance Committee

Serial No.	Name	Designation	Category (Industry/Academia)
1	Shri Kuldeep Arora	Chartered Accountant, Kuldeep Arora and Associates, Satya Nishtha, Backside of Krishnam Hotel, Raman Reti, Vrindavan	Industry

Profiles of The Finance Committee Members

Kuldeep Arora

Email: kuldeeparora@gmail.com

About

Practicing Chartered Accountant at Mathura-Vrindavan since 1992.
Qualifications - M. Com., LL.B., FCA, DISA(ICAI)
Specialized in Taxation & Audit

Experience

- Chartered accountant at **Practicing Chartered Accountant**
  1993 – Present · Mathura, Uttar Pradesh
- Member of ICAI at Kuldeep Arora & Associates
  14 January 1992 – Present · Mathura, Uttar Pradesh
- Chartered accountant at The Institute of Chartered Accountants of India
  15 anuary 1992 – Present · Mathura, Uttar Pradesh
  Working as a practicing Chartered Accountant in Kuldeep Arora & Associates

External Members of Academic Council

Serial No.	Name	Designation	Category (Industry/Academia)
1	Professor S D Joshi	Professor, Department of Electrical Engineering, IIT, Delhi	Academia
2	Professor Ravi Shankar	Professor, Department of Management, IIT, Delhi	Academia

Profiles of Academic Council Members

Professor S D Joshi

Email: sdjoshi1@gmail.com

Prof Shiv Dutt Joshi
Professor (HAG)
Indian Institute of Technology Delhi

Publications 1987 - 2021

Publications

69	53	2				
Journal Articles	Conference Proceedings	Review	2	5	1	94

Citations / H-Index

1205 CITATIONS	18 H-INDEX	902 CITATIONS

Altmetrics

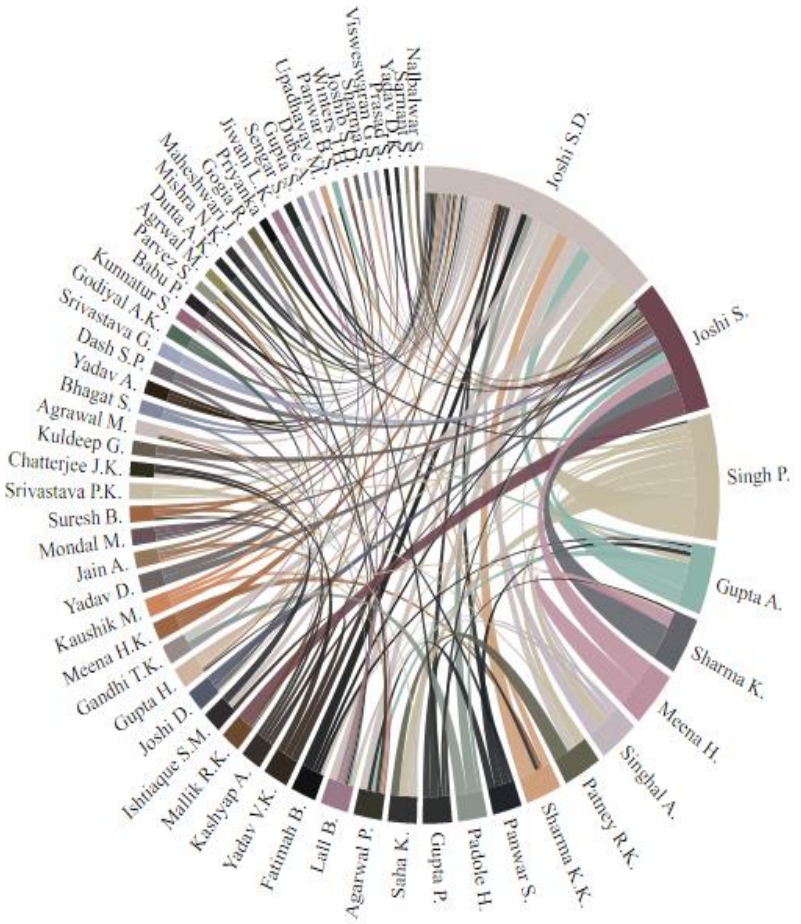
10	13	199	10

Co-author Network

Co-author - 115

Years

- 2021
- 2020
- 2019
- 2018
- 2017
- 2016
- 2015
- 2014
- 2013
- 2012
- 2011



Expertise

Statistical signal processing

Image processing, Group theoretical approach to signal image processing, Statistical Signal Processing, Image Processing, Multiresolution Signal/Image Analysis

Personal Information

Prof Shiv Dutt Joshi

Male

Department of Electrical Engineering, Indian Institute of Technology Delhi, Hauz Khas

New Delhi, Delhi, India - 110016

http://ee.iitd.ac.in/people/sdjoshi.html

Experience

2020 - Present

Professor (HAG)
Department of Electrical Engineering
Indian Institute of Technology Delhi

1989 - 2020

Professor
Department of Electrical Engineering
Indian Institute of Technology Delhi

Qualification

Ph.D.

Patents

A SYSTEM FOR OBTAINING MULTI-DIRECTIONAL VIEW IMAGES

ISHTIAQUE Saiyed Muzaffar | JOSHI Shiv Dutt | YADAV Vijay Kumar | CHATTERJEE Jayanta Kumar

Patent No. IN201711034199A Published

Filed 2017-09-26 Published 2019-03-29

A SYSTEM FOR ACQUIRING BI-DIRECTIONAL VIEW IMAGES

ISHTIAQUE Saiyed Muzaffar | JOSHI Shiv Dutt | YADAV Vijay Kumar | CHATTERJEE Jayanta Kumar

Patent No. IN201711034198A Published

Filed 2017-09-26 Published 2019-03-29

Publications (124)

Sort by

Measure for degree of time variance and measure for degree of non-stationarity: application to discrete LPTV systems

Dutta A.K.;Joshi S.D.;Lall B.

Article Signal Processing, **Volume** 183, **Year** 2021

DOI:10.1016/j.sigpro.2021.107995

Brain source localization with covariance fitting approaches

Yadav A.;Babu P.;Agrwal M.;Joshi S.D.

Conference Paper 2021 National Conference on Communications, NCC 2021, **Year** 2021

DOI:10.1109/NCC52529.2021.9530045

Professor Ravi Shankar

Email: ravi1@dms.iitd.ac.in

About

Dr. Ravi Shankar is Professor of Operations and Supply Chain Management in the Department of Management Studies (DMS**)** Indian Institute of Technology (IIT) Delhi India. He is Fellow of prestigious Indian National Academy of Engineers (FNAE). His research citations exceed 33,175 with an H-index of 77 (February 2022). His areas of interest include Business Analytics & Optimization, Project Management, Sustainability, and Technology Management & Innovation.

Hon. Minister Human Resource Development (Govt. of India), honoured Prof Ravi Shankar with "*Outstanding Faculty Award*" on March 20, 2018 in the domain of Business, Management and Accounting during 2015-17. This was organised by Career360: Faculty Research Award. The citation presented to him, puts on record that Prof. Ravi Shankar is "*The Most Research Proficient Faculty of India for the Year 2018*."

On January 20, 2019, Prof Shankar received "*Dr R. P. Mohanty Gold Medal for Outstanding Teacher Award*" for the year 2018 by Indian Institute of Industrial Engineering (IIIE), Mumbai India.

Prof. Shankar was conferred the prestigious "*Fellow of Indian National Academy of Engineers (FNAE)*" in December 2017 in the Inter-disciplinary Engineering and Special Fields (Section X).

Prof. Shankar is an outstanding researcher and teacher. On 11th July 2016, he was awarded "*The Most Influential Researcher*" in the area of Operations Management in India on the occasion of the 3rd International Conference on Green Supply Chain Management, which was organized at Loughborough University at its London campus.

In year 2016, a research paper on *"Research Productivity in Management Schools of India during 1968-2015" published* in *Omega: An International Journal of Management Science* ranked Prof. Ravi Shankar as the top-most productive researcher in Business-schools in India by virtue of his number of publications, high citations, etc.

Prof. Ravi Shankar was presented '*Award of Excellence'* jointly by Rutgers Business School USA and Fox School of Business, Temple University USA at Newark USA in recognition of his outstanding contributions to research project in 2015. In year 2015, he received "*PIMG Management Excellence Award*" for his eminence in Management Education, Research, Consulting, Training and Education Administration, possessing vast experience of Professional Education Administration and Mentoring Business Organizations and for being an accomplished author on the issues of International Supply Chain Management besides being a distinguished and prominent Academician on the occasion of 6th PIMG International Conference at Gwalior, India.

In year 2012, a White Paper on "*Analysis of the Logistics Research in India*" by leading researchers in German Universities has ranked Prof. Shankar as the top-most Indian academics in logistics/SCM. In 2012, World Education Congress awarded him the "*Best Professor in Supply Chain Management*" in Global Awards category for Excellence in Education Leadership & Teaching. In 2011, Prof. Shankar received "*Dr. Hari Singh Gour Award for Excellence in*

Management Teaching" at 5th IES National Teachers' Excellence Awards-2011. He is the recipient of Visiting Scholar Fellowship from Research Council UK to work on a Research Project at Aston Business School, Birmingham. On many occasions (2017, 2011, 2007, 2005 and 2004), he received "Award of Excellence" for his research papers in different research journals, published by Emerald UK.

With a rich industry and teaching experience of over 35 years, Prof. Shankar has provided consultancy to various Industries and Government Departments. His many completed funded projects include, major International funded projects from UKIERI British Council, European Union, and University of Connecticut USA. He has published over 300 research papers and co-authored 09 books, including four most popular text books in the area of Supply Chain Management, Operations Management, Management of Technology, and Strategic Management of Technology Innovation.

His research papers have appeared in leading journals like *Journal of Operations Management, European Journal of Operational Research, International Journal of Production Economics, Transportation Research Part E, Computer and Operations Research, Omega: An International Journal of Management Science, Decision Support System, International Journal of Production Research, Technological Forecasting and Social Change, Transportation Research Part A, Computer and Industrial Engineering, Supply Chain Management: An International Journal, Journal of Knowledge Management, Journal of Cleaner Production, Production Planning and Control, International Journal of Quality and Reliability Management, IEEE Transaction in System Man and Cybernetics (Part-C),* etc. Recently, two of his co-authored research papers appeared in the top 15 papers published in International Journal of Production Research (2017) and adjusted for "Best Paper Award".

Prof. Ravi Shankar has trained over 5000 corporate professionals through online and class-room training programs in the area of Business Analytics & Optimization, Project Management, Supply Chain Management, Naval Operations Analysis (especially developed for Indian Navy Officers), Six Sigma - Green Belt, Supply Chain Excellence, Production & Operations Management, Advanced Program in Software Engineering & Management (APSEM), Enterprise Resource Planning, etc.

- **MAJOR AREAS OF INTEREST**
- Decision Sciences
- Logistics & Supply Chain Management,
- Operations Management,
- Project Management,
- Business Analytics & Optimization,
- Strategic Technology Management, Knowledge Management,

- **SPECIALIZED INTERESTS**

Logistics & Supply Chain Management (LSCM)

- Supply Chain Analytics, Modelling of SCM, Supply Chain Optimization: (Also authored Text Book on Supply Chain Management)
- Sustainable Supply Chain Management & Circular Economy,
- Smart Manufacturing, Industry 4.0,
- Management of Risk & Resilience in a Supply Chain,
- Vendor development, Purchasing and buying decisions, Buyer-supplier relationships, e-Procurement, Auction & negotiation in SC,

Operations Management / Industrial Engineering

- Operations Management: Also authored Text Book on Operations & Supply Chain Management
- Project Management,
- Total Quality Management, Six Sigma: Also authored Reference Book on Total Quality Management

Quantitative Techniques for Managerial Decisions

- Decision Sciences
- Conventional Optimization: Quantitative Methods for Managerial Decisions,
- Soft Computing: Neural networks, Fuzzy Modelling, Random Search Optimization Techniques such as: Genetic algorithm, Simulated annealing, Tabu Search, Ant colony optimization, Machine Learning, etc.

Information and Telecommunication Systems Management (ITSM)

- Enterprise Resource Planning (ERP) & Beyond,e-Governance: Also authored Reference Book on Enterprise Resource Planning
- Management of Information/ Telecommunication Systems: System Analysis & Design, Management Information Systems (MIS),
- Software Project Management.

Other Areas of interest

- Strategic Technology Management: Also authored Text Book on "Management of Technology"
- Knowledge Management

- **A FEW REPRESENTATIVE JOURNAL PAPERS**

Key Publications

1. Dev, N., Ravi Shankar, Sanjeev Swami (2020) Diffusion of green products in Industry 4.0: Reverse logistics issues during design of inventory and production planning system, **International Journal of Production Economics,** ('ABS' ranking: 3; ABDC ranking: A*, Impact factor 5) (Accepted: In Press)
2. Swapnil Lahane, Ravi Kant, Ravi Shankar (2020) Circular supply chain management: A state-of-art review and future opportunities, **Journal of Cleaner Production** Volume 25810 June 2020, (Article in Press)
3. Choudhary, D., Shankar, R. and Choudhary, A. (2020) An Integrated Approach for Modeling Sustainability Risks in Freight Transportation Systems, **Risk Analysis: An International Journal** 40, 4 : 858-883. ('ABS' ranking:4; Impact Factor: 2.898)
4. Alok Choudhary, Arijit De, Ravi Shankar, Karim Ahmed (2020) An Integrated Fuzzy Intuitionistic Sustainability Assessment Framework for Manufacturing Supply Chain: A study of UK based firms, **Annals of Operations Research**, ('ABS' ranking: 3; ABDC ranking: A) (Accepted: In Press)
5. Dev, N., Ravi Shankar, Qaiser, F H., (2020) Industry 4.0 and circular economy: Operational excellence for sustainable reverse supply chain performance, **Resources Conservation and Recycling**, 153, 104583 (Accepted: In Press)
6. Ajay Kumar, Ravi Shankar & Naif Radi Aljohani, 2020, A big data driven framework for demand-driven forecasting with effects of marketing-mix variables, **Industrial Marketing Management,** [ABCD ranking: A*; ABS ranking: 3*] In press

7. Himanshu Prajapati, Ravi Kant, Ravi Shankar (2020) Prioritizing the solutions of reverse logistics implementation to mitigate its barriers: A hybrid modified SWARA and WASPAS approach, **Journal of Cleaner Production** Volume 240, Article 118219

8. Mithu Rani Kuiti, Debabrata Ghosh, Sirish Gouda, Sanjeev Swami & Ravi Shankar (2019) Integrated product design, shelf-space allocation and transportation decisions in green supply chains, **International Journal of Production Research**, 57:19, 6181-6201. ('ABS' ranking: 3; ABDC ranking: A)

9. Akhilesh Kumar, Martina Calzavara, N. R Velaga, Alok Choudhary & Ravi Shankar (2019) Modelling and analysis of sustainable freight transportation, **International Journal of Production Research**, 57:19, 6086-6089. ('ABS' ranking: 3; ABDC ranking: A)

10. Shankar, Ravi, Devendra Kumar Pathak, and Devendra Choudhary (2019) "Decarbonizing freight transportation: An integrated EFA-TISM approach to model enablers of dedicated freight corridors." **Technological Forecasting and Social Change** Vol. 143, 85-100. ('ABS' ranking: 3; ABDC ranking: A)

11. Fulzele, Vijayta, Ravi Shankar, and Divya Choudhary. (2019), A model for the selection of transportation modes in the context of sustainable freight transportation; **Industrial Management & Data Systems** 119, 8: 1764-1784. (Impact Factor: 3.7)

12. Raval, Shruti J., Ravi Kant, and Ravi Shankar (2019) "Lean Six Sigma implementation: modelling the interaction among the enablers." **Production Planning & Control,** (Accepted: In press).

13. Ansari, Z N., Ravi Kant, Ravi Shankar (2019) Prioritizing the performance outcomes due to adoption of critical success factors of

supply chain remanufacturing, **Journal of Cleaner Production** Volume 212, pp 779-799.

14. Dev, N.K., Shankar, R., Gupta, R., & Dong, J. (2019). Multi-criteria of real-time key performance indicators of supply chain with consideration of big data architecture. **Computers and Industrial Engineering**, Vol. 128, pp. 1076-1087 [ABS ranking: 2*]

15. Shankar, R., Bhattacharya S. & Choudhary A. (2018). A decision model for a strategic closed-loop supply chain to reclaim End-of-Life Vehicles, ***International Journal of Production Economics,*** *Vol 195*, pp. 273-286. ('ABS' ranking: 3; ABDC ranking: A*)

16. Ghosh, D., Gouda, S., Shankar, R., Swami, S., and Vinu CT, (2018). Strategic decision making under subscription-based contracts for remanufacturing, ***International Journal of Production Economics,*** Vol 200, pp. 134-150. ('ABS' ranking: 3; ABDC ranking: A*)

17. Shankar, R., Gupta, R. & Pathak D K (2018). Modeling critical success factors of traceability for food logistics system, **Transportation Research Part E: Logistics and Transportation Review**, Vol. 119, pp. 205-222 ('ABS' ranking: 3; ABDC ranking: A*)

18. Shankar, R., Choudhary, D., Jharkharia S. (2018). An integrated risk assessment model: A case of sustainable freight transportation systems, **Transportation Research Part D: Transport and Environment** 63, pp. 662-676. ('ABS' ranking: 3; ABDC ranking: A)

19. Luthra, S., Mangla, SK, Shankar, R., Garg CP, & Jakhar, S., (2018), Modelling critical success factors for sustainability initiatives in supply chains in Indian context using Grey-DEMATEL, **Production Planning and Control**, *Vol 29(9)*, pp. 705-728.

20. Mohanty, M., & Shankar, R. (2017). Modelling uncertainty in sustainable integrated logistics using Fuzzy-TISM. **Transportation**

Research Part D: Transport and Environment, 53, 471-491('ABS' ranking: 3; ABDC ranking: A)

21. Dev, N. K., Shankar, R., & Choudhary, A. (2017). Strategic design for inventory and production planning in closed-loop hybrid systems. ***International Journal of Production Economics***, 183, 345-353. ('ABS' ranking: 3; ABDC ranking: A*)

22. Choudhary, D., Shankar, R., Tiwari, M. K., & Purohit, A. K. (2016). VMI versus information sharing: an analysis under static uncertainty strategy with fill rate constraints. ***International Journal of Production Research***, 54(13), 3978-3993.

23. Kumar, A., Shankar, R., Choudhary, A., & Thakur, L. S. (2016). A big data MapReduce framework for fault diagnosis in cloud-based manufacturing. ***International Journal of Production Research***, 54(23), 7060-7073.

24. Srai, J. S., Kumar, M., Graham, G., Phillips, W., Tooze, J., Ford, S., Shankar, R. & Ravi, B. (2016). Distributed manufacturing: scope, challenges and opportunities. ***International Journal of Production Research***, 54(23), 6917-6935.

25. Purohit, A. K., Choudhary, D., & Shankar, R. (2016). Inventory lot-sizing with supplier selection under non-stationary stochastic demand. ***International Journal of Production Research***, 54(8), 2459-2469. ('ABS' ranking: 3; ABDC ranking: A)

26. Dev, N. K., Shankar, R., Gunasekaran, A., & Thakur, L. S. (2016). A hybrid adaptive decision system for supply chain reconfiguration. ***International Journal of Production Research***, 54(23), 7100-7114. ('ABS' ranking: 3; ABDC ranking: A)

27. Shaw, K., Irfan, M., Shankar, R., & Yadav, S. S. (2016). Low carbon chance constrained supply chain network design problem: a Benders decomposition based approach. ***Computers & Industrial Engineering,*** 98, 483-497.

28. Choudhary, D., & Shankar, R. (2015). The value of VMI beyond information sharing in a single supplier multiple retailers supply chain under a non-stationary (R^n, S^n) policy. ***Omega, An International Journal of Management Sciences***, 51, 59-70.

29. Choudhary, D., & Shankar, R. (2015). The value of VMI beyond information sharing under time-varying stochastic demand. ***International Journal of Production Research***, 53(5), 1472-1486 ('ABS' ranking: 3; ABDC ranking: A)

30. Tuli, P., & Shankar, R. (2015). Collaborative and lean new product development approach: a case study in the automotive product design. ***International Journal of Production Research***, 53(8), 2457-2471. ('ABS' ranking: 3; ABDC ranking: A)

31. Singh, A., Mishra, N., Ali, S. I., Shukla, N., & Shankar, R. (2015). Cloud computing technology: Reducing carbon footprint in beef supply chain. ***International Journal of Production Economics***, 164, 462-471.

32. Choudhary, D., Shankar, R., Dey, P. K., Chaudhary, H., & Thakur, L. S. (2014). Benefits of retailer–supplier partnership initiatives under time-varying demand: a comparative analytical study. ***International Journal of Production Research***, 52(14), 4279-4298. ('ABS' ranking: 3; ABDC ranking: A)

33. Dev, N. K., Shankar, R., Dey, P. K., & Gunasekaran, A. (2014). Holonic supply chain: A study from family-based manufacturing perspective. ***Computers & Industrial Engineering***, 78, 1-11.

34. Choudhary, D., & Shankar, R. (2014). A goal programming model for joint decision making of inventory lot-

size, supplier selection and carrier selection. ***Computers & Industrial Engineering***, 71, 1-9.

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AWARDED CERTIFICATE-OF-MERIT FROM ELSEVIER SCIENCE FOR BEING THE "TOP 10 MOST CITED ARTICLES" BETWEEN 2005 AND 2009.

55. Raj, T., Shankar, R., & Suhaib, M. (2007). A review of some issues and identification of some barriers in the implementation of FMS. ***International Journal of Flexible Manufacturing Systems***, 19(1), 1-40.

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THIS PAPER HAS RECEIVED AWARD FOR EXCELLENCE 2008 AWARDED BY LITERATI CLUB AS A HIGHLY COMMENDED AWARD IN 2007 VOLUMES OF EMERALD JOURNALS

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65. Kumar, M., Vrat, P., & Shankar, R. (2004). A fuzzy goal programming approach for vendor selection problem in a supply chain. ***Computers & Industrial Engineering***, 46(1), 69-85.

66. Kumar, M., Vrat, P., & Shankar, R. (2006). A multi-objective 3PL allocation problem for fish distribution. ***International Journal of Physical Distribution & Logistics Management***, 36(9), 702-715.

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80. Agarwal, A., & Shankar, R. (2003). On-line trust building in e-enabled supply chain. ***Supply Chain Management: An International Journal***, 8(4), 324-334.

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83. Shankar, R., & Vrat, P. (1998). Post-design modelling for cellular manufacturing system with cost uncertainty. ***International Journal of Production Economics***, 55(1), 97-109.

- **Courses Teaching this semester (January-May 2022)**

MSL740: Operations Management
MSL 728: International Telecom Management

Courses Taught in the Semester (July - December 2021)
MSL 843: Logistics & Supply Chain Management (MBA: Full time + PhD Scholars)

A Few Recognition & Rewards for Teaching Contributions

Minister Human Resource Development (Govt. of India), Mr. Prakash Javadekar gave "**OUTSTANDING FACULTY AWARD**" on the hi ghest cumulative weighted score for number of publications, research citations, and h-index in the domain of Business, Management and Accounting during 2015-17. The citation presented on 20th March 2018, puts on record that Prof. Ravi Shankar is "**The Most Research Proficient Faculty of India for the Year 2018**."

Prof Ravi Shankar has received "**Dr R. P. Mohanty Gold Medal for Outstanding Teacher Award**" for the year
2018 by Indian Institute of Industrial Engineering (IIIE), Mumbai

India.Recipient of **MANAGEMENT EXCELLENCE AWARD** at Prestige Institute of Management, Gwalior for his eminence in Management Education, Research, Consulting, Training and Education Administration, possessing vast experience of Professional Education Administration and Mentoring Business Organizations, for being an accomplished author on the issues of International Supply Chain Management besides being a distinguished and prominent Academician on the occasion

of 6th PIMG International Conference. (Awarded on January 10, 2015).

2. Recipient of NATIONAL EDUCATIONAL AWARD for "**BEST PROFESSOR IN OPERATIONS MANAGEMENT**" 2012 on 14th December 2012 at Taj Ambassador Hotel New Delhi, Sponsored by Headline Today.

3. Recipient of award for "**BEST PROFESSOR IN SUPPLY CHAIN MANAGEMENT**" on 29th June, 2012 by WORLD EDUCATION CONGRESS, Global Awards (For Excellence in Education Leadership & Teaching) at Taj Lands End Hotel Mumbai, Sponsored by Central Bank of India.

4. Recipient of **Dr. HARI SINGH GOUR AWARD FOR EXCELLENCE IN MANAGEMENT TEACHING** in 5th IES National Teachers' Excellence Awards-2011 (Awarded on December 13, 2011).

- **List of Other Courses Taught**

Courses taught/teaching at I.I.T. Delhi

- **SML745: Operations Management** (MBA Programme at DMS, IIT Delhi, India: 2002, 2003, 2015), UG (B.Tech. Programme-2009, 2010),
- **SML843: Supply Chain & Logistics Management** (MBA Programme at DMS, IIT Delhi, India: 2004, 2005, 2010-2019),
- **SML740: Quantitative Methods for Management** (MBA Programme at DMS, IIT Delhi, India: 2000, 2001, 2002, 2003),
- MSV 804: Special Topic in Operations Management (MBA Programme at DMS, IIT Delhi, India: 2021),
- **SML846: Total Productivity Management** (MBA Programme at DMS, IIT Delhi, India: 2004),

- **SML869: Current & Emerging Issues in Manufacturing Management** (MBA Programme at DMS, IIT Delhi, India: 2003, 2019),
- **SML715: Quality & Environment Management Systems** (MBA Programme at DMS, IIT Delhi, India: 2000-2010),
- **SMV793: Business Statistics** (MBA Programme at DMS, IIT Delhi, India: 2000-07),
- **SML717: Business System Analysis and Design,**
- **SML726: Telecommunication Systems Planning Analysis and Design**(MBA Telecom Programme at DMS, IIT Delhi, India: 2002-2010),
- **SMP791: Computer Laboratory** (MBA Programme at DMS, IIT Delhi, India: 2000-07), etc.

Courses taught/teaching at I.I.T. Delhi (e-Learning Courses)

- Logistics & Supply Chain Management
- Project Management
- Six Sigma: Green Belt
- Production & Operations Management
- Business Analytics & Optimization

Courses taught at AIT (Thailand, Vietnam & Laos)

- **SM 80.9003: Advanced Supply Chain & Retail Management** (MBA Programme at SOM, AIT Thailand: January 2008, 26 Students)
- **SM70.64: Strategic Supply Chain Management** (MBA Programme at SOM, AIT Thailand: August 2007, 32 Students)

- **AT72.09: Inventory and Logistics Management** (M.Tech. Programme at School of Advanced Technology, AIT Thailand: 2006)
- **SM 91.9003: Supply Chain Management** (iEMBA Ho Chi Minh City Vietnam July 2008, 27 students)
- **SM 62.70: Advanced Strategic Technology Management** (DBA Programme of AIT Thailand at Ho-Chi-Min City Vietnam: August 2007, 13 students)
- **SM 60.66: Operations Management** (MBA Programme at SOM, AIT Thailand: January 2008, 73 students)
- **SM 80.9002: Total Quality Management** (MBA Programme at SOM, AIT Thailand: January 2008, 23 students)
- **SM 62.72: Managing Technology for Competitiveness** (iEMBA Ho Chi Minh City, Vietnam)
- **SM 91.64: Competitive Manufacturing & Technology** (iEMBA Hanoi Vietnam June-July 2008, 39 students; EMBA Dong Nai Vietnam July 2008, 31 students)
- **Supply Chain Management** (at NOSPA, Vientiane Laos: 2008 as Visiting Professor in NOSPA-French government joint Programme for International MBA through the Lao-French Co-operation Project)

Executive Training Courses

Taught several short courses for Industry Executives on Recent Trends in Supply Chain Management, Project Management, Materials Management, Operations Management, Modeling and Optimization, Telecom Systems Management, Industrial Engineering, Forecasting, System Analysis, Six sigma and Balance Scorecard, etc.

- **Co-Authored Books**

1. Richard B. Chase, Ravi Shankar, and F. Robert Jacobs (2018): **Operations & Supply Chain Management (15th Edition),** McGraw-Hill Publishing Company Ltd, New Delhi.

2 Richard B. Chase, Ravi Shankar, and F. Robert Jacobs (2014): **Operations & Supply Chain Management (14th Edition),** McGraw-Hill Publishing Company Ltd, New Delhi

3. Richard B. Chase, Ravi Shankar, F. Robert Jacobs, and Nicholas Aquilano (2010): **Operations & Supply Management (12th Edition)**, McGraw-Hill Publishing Company Ltd, New Delhi.

4. David Simchi-Levi, Philip Kaminsky, Edith Simchi-Levi and Ravi Shankar (2019 Reprint): **Designing and Managing the Supply Chain: Concepts, Strategies, and Case Studies (Third Edition)**, McGraw-Hill Publishing Company Ltd, New Delhi.

5. David Simchi-Levi, Philip Kaminsky, Edith Simchi-Levi and Ravi Shankar (2008): **Designing and Managing the Supply Chain: Concepts, Strategies, and Case Studies (Third Edition)**, McGraw-Hill Publishing Company Ltd, New Delhi.

6. Melissa Schilling and Ravi Shankar (2019): **Strategic Management of Technological Innovation (6th Edition)**, McGraw-Hill Publishing Company Ltd, New Delhi.

7. Tareek Khalil and Ravi Shankar (2013): **Management of Technology (2nd Edition)**, McGraw-Hill Publishing Company Ltd, New Delhi.

8. Roma Mitra Debnath, Surender Kumar, and Ravi Shankar (2012): **Modeling Quality Issues in Curriculum Design in Technical Education in India**, LAMBERT Academic Publishing, Germany.

9. Ravi Shankar (2012): **Industrial Engineering and Management (2nd Edition),** Galgotia Publications, New Delhi (First Edition in 2000; Reprints in 2002, 2003, 2004, 2005, 2006 & 2007).

10. V. K. Khanna, Prem Vrat, B. S. Sahay and Ravi Shankar (2008): **Total Quality Management: Planning Design and Implementation**, New Age International Publication, New Delhi.

11. Ravi Shankar and S. Jaiswal (1999): **Enterprise Resource Planning**, Galgotia Publications, New Delhi.

12. Kripa Shanker, Ravi Shankar & R. Sindhwani (Edited Book), (2019), **Advances in Industrial and Production Engineering**, Springer

Chapter Contributed To Edited Book

1 **Evaluating Environment-Conscious Manufacturing Barriers with Interpretative Structural Modeling** (Co-authors: Joseph Sarkis and Mohd. Asif Hasan), In: *Environment Conscious Manufacturing*: A book edited by Surendra M. Gupta and A.J.D. (Fred) Lambert, CRC Press (Taylor & Francis Group) London, 2008

2 **Solving machine loading problem of FMS: An artificial intelligence (AI) based random search optimization approach,** (Co-authors: Anoop Prakash, Nagesh Shukla, and M.K. Tiwari), In: *Handbook of Computational Intelligence in Manufacturing and Production Management*: A book edited by Dr. Dipak Laha, and Dr. Purnendu Mandal, Lamar University, USA, Idea Group Publishing, 2007

3 **Cellular Manufacturing System: An Overview,** (Co-author: Prem Vrat), In: *Advanced Manufacturing Technology*, Ed. Deshmukh, S. G. and Rao, P. V, Dept. of Mechanical Engineering, IIT Delhi, pp. 7-19, 1998.

4 **Automated Guided Vehicle: An Overview**, (Co-author: Prem Vrat), In: *Advanced Manufacturing Technology*, Ed. Deshmukh, S. G.

and Rao, P. V., Dept. of Mechanical Engineering, IIT Delhi, Pp. 82-93, 1998.

Co-Authored E-Learning Course

1. Six Sigma, 2010, IACT Global and CEP IIT Delhi.

2. Project Management, 2010, IACT Global and CEP IIT Delhi.

3. Logistics & Supply Chain & Logistics Management, 2010, IACT Global and CEP IIT Delhi.

4. Productions and Operations Management, 2010, IACT Global and CEP IIT Delhi

Units Authored/Edited For Distance Learning Teaching Material Of Indira Gandhi National Open University, Delhi, India

1. **Industrial Engineering and Management Science** (TME-102: Productivity Management), 2001, Indira Gandhi National Open University (4 Units in 116 pages): Content Edited with Dr. S. K. Garg.

2. P**roduction and Productivity** (TME-102: Productivity Management), 2001, Indira Gandhi National Open University (4 Units in 75 pages): Co-authored with Dr. S. K. Garg

3. **Computer Integrated Manufacturing,** 2005, Indira Gandhi National Open University (4 Blocks): Co-authored with Prof. M. K. Tiwari

Editorial Boards

1. Executive Editor: **Journal of Advances in Management Research** (Emerald UK)

2. Member Editorial Board: **International Journal of Electronic Transport** (Inderscience)

3. Member Editorial Board: **International Journal of Business Performance and Supply Chain Modelling** (Inderscience)

4. Senior Editor: **Global Journal of Business Excellence** (GIFT Society, INDIA)

5. Member Editorial Board: **International Journal of Manufacturing Technology and Research**

6. Member Editorial Board: **International Journal of Bio-Sciences and Technology**

7. Guest Editor (with M. K. Tiwari & F. T. S. Chang): Special Issue of **International Journal of Intelligent Systems Technologies and Applications (2008): (Inderscience),** Volume 4 - Issue 1/2 – 2008, Special Issue on *Advanced Evolutionary Computational Techniques for Design, Manufacturing, Logistics and Supply Chain Problems*

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