

# Ramesh Anbanandam, PhD

Google Scholar *h*-index: 29

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Personal HomePage: [https://faculty.iitr.ac.in/ms/ramesh\\_anbanandam/](https://faculty.iitr.ac.in/ms/ramesh_anbanandam/)

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## EDUCATION

- Indian Institute of Technology Delhi (IIT Delhi), India 2005 -2011  
*PhD (Doctor of Philosophy), Supply Chain Management*
- National Institute of Technology Trichy (NIT Trichy), formerly 2001-2003  
Regional Engineering College (REC Tiruchirappalli), Tami Nadu,  
India  
*M.E (Master of Engineering), Industrial Engineering*
- Madras University, Chennai, India 1994-1999  
*B.E (Bachelor of Engineering), Production Engineering*

## WORK EXPERIENCE

- **Associate Professor**, Department of Management Studies, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247 667 INDIA, from 22 December 2018. Continuing
- **Assistant Professor**, Department of Management Studies, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247 667 INDIA, from 2012 to 2018
- **Assistant Professor**, Department of Mechanical Engineering, National Institute of Technology Calicut, Kerala- 673601, from 30 April 2010 to 12 October 2012
- **Associated Faculty**, Centre for Transportation Systems (CTRANS), Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247 667 INDIA, from 2012 to 2020
- **Joint Faculty**, Centre for Transportation Systems (CTRANS), Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, 247 667 INDIA, from 2020 to 2022
- **Lecturer**, Department of Mechanical Engineering, MNM Jain Engineering College, Anna University Chennai, from 11 June 2003 to 24 June 2005

## RESEARCH INTEREST

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Sustainable Transportation logistics, Humanitarian Supply Chain Management, Healthcare Supply Chain and Waste Management, Electric Vehicles Adoption Issues in India, Applications of Cyber-Physical System in Indian Freight Transportation

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## TEACHING INTEREST

- Data Analytics
- Supply chain management
- Project Management
- Quataiattaive Techniques for Managers

## THESIS SUPERVISED

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**Ph. D**      10 Completed, 08 Ongoing

**M.Tech**    14 Completed, 02 Ongoing

**B. Tech**    03 Completed

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## COMPLETED PhD THESIS

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1. Dr Aalok Kumar, (January 2017-June 2020) Evaluation of policy and practice measures for the sustainable freight transportation system, currently working as Assistant Professor, Indian Institute of Management (IIM) Visakhapatnam, India, Newton Baba Fellowship, at University of Sussex, UK., Award for Excellence in PhD Research, 2020 (among DoMS, HSS and Architecture Department)
2. Dr Vikas Thakur (July 2013- June 2016), Study of waste management issues in the Indian Healthcare supply chain, currently works as an Assistant Professor at IIT Kharagpur.
3. Dr. Gaurav Kabra, Modelling and Analysis of Information Technology Issues in Humanitarian Supply Chain Management, currently working as Associate Professor O P Jindal Global University.
4. Dr. Siva Kumar Pujari (July 2016 – September 2020), Antecedents of Supply Chain Resilience: An Empirical Study from the Indian Manufacturing Industry
5. Dr Senthil, (July 2010 -Nov 2014) Analysis of Decision Problems in Reverse Logistics Networks using Hybrid Multi-Criteria Decision-Making Methods, currently Principal,

Kamaraj Engg College, Madurai, jointly supervised with Prof. Sri Ranga Charyulu, IIM Visakhapatnam and Prof. R. Sridharan, NIT Calicut, Kerala

6. Dr Divya Sahgal (July 2013, 2019), Real-time traffic signal control for intersection using image processing
7. Dr Sachin Balsara (July 2015 – November 2019), Climate change mitigation strategies of Indian cement industries, currently working as Assistant Professor, Shri G.S. Institute of Technology and Science, QIP Candidate, jointly supervised with Prof. P.K. Jain, Department of Mech and Industrial Engg. IIT Roorkee
8. Dr Umang Gupta (July 2014- April 2018), Indian Healthcare supply chain management
9. Dr Savita (January 2013- December 2021), Investigating the Impact of Political Uncertainty on Stock Market Volatility, currently working as Assistant Professor, O P Jindal Global University.
10. Dr Bhavesh Jain (February 2023), Development Of Road Asset Management System (Rams) For Smart Cities of India, jointly supervised by Prof. Parida and Dr Devesh Tiwari CSIR-CRRI.

### PhD Thesis- Ongoing

Sl. No.	Name of student/ Research scholar	Title of Thesis	Fulltime/Part Time	Co-supervisor
1.	Shaurya Mall (17554009)	Electric Vehicle Adoption Issues in India	Full time	NIL
2.	Uma Bharti Rawat	Select Issues on Cyber-physical Systems for freight Transportation in India.	Full time	NIL
3.	Ravi Kant	Development of Performance Measurement Framework for Pedestrian Infrastructure in Urban Areas	Full time	Prof. Subhajt Sadhukhan, CTRANS, IITR
4.	Aakah Kale	Application of Artificial Intelligence for Supply Chain Revenue Management	Full time	NIL
5.	Siddharth Prajapathi	Application of Artificial Intelligence in humanitarian supply chain management	Full time	NIL
6.	Nitesh Kumar	Developing a Framework for Municipal Solid Waste Management in Smart	Full time	NIL

Sl. No.	Name of student/ Research scholar	Title of Thesis	Fulltime/Part Time	Co-supervisor
		Cities of India		
7.	Azad Singh	Industry 4.0 implications in public sector organisation	Part-Time	NIL
8.	Ajendra Singh	Social Sustainable issues in public sector organisation	Part-Time	NIL

### M. TECH THESIS SUPERVISED

Sl.No	Name	Title	Department	Year
1.	Ankit Khatolia	Identifying optimum locations for electric vehicle charging stations using GIS	M.Tech CTRANS	2023
2.	Lalit Singh	Mathematical modelling for forecasting the adoption pattern of electric vehicles using the Bass Forecasting Method	M.Tech CTRANS	2022
3.	Murari Kumar	Demand forecasting for Electric Vehicles in India	M.Tech CTRANS	2021
4.	Satyam Kumar	Evaluation and Selection of Electric Vehicle Charging Technology for India Using Analytic Hierarchy Process	M.Tech CTRANS	2021
5.	Devvrat Tripathi	Study on Factors Affecting Selection of Optimal Location of Electric Vehicles Charging Infrastructure in Delhi: Using Fuzzy-AHP	M.Tech CTRANS	2020
6.	Rajat Kannojiya	Factors responsible for time and cost overrun for highway construction projects in India.	M.Tech CTRANS	2018
7.	Sanyukta Pagare	Enhancing walkability around multimodal transit hub: A case of Mumbai	M.Tech CTRANS (Co-supervised with Prof. Harshit Lakra, CTRANS)	2018
8.	Ayush Gautam	Optimising transport network for sustainable supply chain	M.Tech – CTRANS (Co-Supervised with Prof. Khattiyar, CTRANS)	2017
9.	Anurag Kujjur	Transit-Oriented Development in NCT Delhi	M.Tech - CTRANS	2017

Sl.No	Name	Title	Department	Year
10.	Kalaivana n	Optimisation of Transportation Network with Cross-docking	M.Tech - CTRANS	2016
11.	Anahata	Critical success factors for PPP In highway infrastructure Projects: An Indian scenario	M.Tech – CTRANS (Co-Supervised)	2016
12.	K Zaheer Abbas	Cost analysis of high-speed rail between New Delhi and Mumbai	M.Tech - CTRANS	2015
13.	Vishnu Kumar S*	Location of a warehouse for humanitarian supply chain management	M. Tech Industrial Engg	2013
14.	Lijo John*	Study of select issues in humanitarian supply chain management in India	M. Tech Industrial Engg	2012

\* Guided at NIT Calicut, Kerala

## B. TECH THESES SUPERVISED

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Sl.No	Name	Title	Department	Year
1	Shubham Dev (14119048)	Supply Chain Analytics: Measuring the Sustainability of Indian Manufacturing Organisations.”	B.Tech, Mech & Industrial Engg.	2018
2	Mayank Gupta (11120049)	A measure of the application of social media in improving business performance	B. Tech Department of Paper Technology	2015
3	Himasagar Molakapuri (Obuli Vignesh Maripi Venkat Ramana	Dissertation: Title - Modeling the metrics of supply chain	B. Tech Mech & Industrial Engg	2014

## AWARDS/ ACHIEVEMENTS

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- Outstanding Teacher Award, 2022, IIT Roorkee
- 1,27,069 candidates have enrolled in my NPTEL “Data Analytics with Python” course worldwide from 2020-2022. Of the enrolled candidates, 11,542 have registered for the NPTEL certificate.
- Award for Excellence in PhD Research for my research scholar Dr Aalok Kumar, 2020 (among DoMS, HSS and Architecture Department), IIT Roorkee
- Best Paper Award for the paper titled “Assessment of the barriers to adoption of Circular Economy in the Indian manufacturing industry,” presented at the 18 Annual International Conference on Global Institute of Flexible Systems Management held at IIM (Indian Institute of Management) Lucknow, Dec 18-20, 2018.
- Literati Award for Excellence under the “Highly Commended Research Paper in the Year 2016” category in emerald publications for the Journal of Advances in Management Research for the following paper “Kabra, G., and Ramesh, A. (2015). An empirical investigation of enablers in humanitarian supply chain management in India: A case study”, Journal of Advances in Management Research, Vol. 12 No.1, pp.30-42. ISSN: 0972-7981 (Emerald).
- Best Paper Award for the “Location of Warehouse in Asia for Humanitarian Supply Network” was presented at XVI Annual International Conference of the Society of Operations Management held at IIT Delhi, Dec 21-23, 2012.
- Literati Award for Excellence under the “Highly Commended Research Paper in the Year 2011” category in emerald publications for the Journal of Modeling in Management for the following paper “Ramesh, A., Banwet, D.K. and Shankar, Ravi (2010), Modeling the barriers of supply chain collaboration, Journal of Modeling in Management, Vol.5, No.2, pp.176-193.”

## SPONSORED RESEARCH PROJECT

Sl. No	Sponsoring Agency	Title of Project	Sanctioned Amount in Lacs	Start Date	End Date	Co-PI/PI.
<b>As a PI.</b>						
1	DSIR, DST	Techno-commercial assessment of TRL-6 and above technologies developed in India in academia, research labs and industry.	17.5	22 March 2022	Continuing	Co-PI: Prof. Rajat Agrawal, DoMS, IITR
2	ICSSR	A framework for municipal waste management in smart cities of India	09.0	25 March 2022	Continuing	Co-PI: Prof. Amit Upadhyaya, DoMS, IITR
3	Ministry of Corporate Affairs	Comparative Study of ease of doing business in Indian States	05.0	7 June 21	February 2022	Co-PI: Prof. Abhinava Tripathi, DoMS, IITR
4	IIT Roorkee	Humanitarian Supply Chain Management Issues in India	06.5	27 May 2013	31 December 2016	
5	NIT Calicut	Humanitarian Supply Chain Management	05.0	23 May 2011	12 October 2012	
<b>As Co-PI</b>						
6	ICSSR	Assessment of the reach and expected socio-economic impact of Kolkata Gauhati via Bangladesh Water freight Corridor	12.0 L	23 September	24 February	

Sl. No	Sponsoring Agency	Title of Project	Sanctioned Amount in Lacs	Start Date	End Date	Co-PI/PI.
		stakeholders from the perspective of PM Gati Shakti				
7	ICSSR	The Management Education in Technical Institute: Academic and Industry Perspective	20.0	15 April 2018	April 2020	PI: Prof. S. Rangnekar, DoMS, IIT Roorkee
8	ICSSR	Use of ICT for Entrepreneurship Development Among Semiskilled Workers	17.5	15 April 2018	April 2020	Prof. Z. Rahman, DoMS, IITR

### Consultancy Project

Sl.No	Project No	Sponsoring Agency	Title of the project	Sanctioned amount in Lacs in Rs	Start Date	End Date	Co-PI/PI
1	CEC-1059/21-22	Times Edutech and Events Ltd., (mh), Maharashtra	Certificate Program in Data Analytics	20.36	26 March 2022	20 September, 2023	Co-PI: Prof. Abhinava Tripathi
2		Caleedo	Development of Bespoke Indoor Health and hygiene/wellness indices in the built environment	10.91 Lacs	June 2023	Ongoing	PI: Prof. E. Rajasekar co-PI: Prof. B.R. Gurjar
3	CEC-1017/23-24	Simplilearn Solutions PVT. Ltd.,	Business Analytics for Strategic Decision-Making - Batch-1		1 May 2023	30 September, 2023	

Sl.No	Project No	Sponsoring Agency	Title of the project	Sanctioned amount in Lacs in Rs	Start Date	End Date	Co-PI/PI
4	CEC-1016/23-24	Simplilearn Solutions PVT. LTD.	Business Analytics for Strategic Decision-Making Batch-2		Jan 01,2023	Jun 30,2023	

## MDP/ CERTIFICATION COURSES/ ONLINE COURSES

Sl. No	Title	Sponsoring Agency	Amount in Rs.	PI	From	To	
1	Training for Employees of Metals and Engineering Corporation (METEC), Ethiopia	Metals and Engineering Corporation (MTEC), Ethiopia	\$2500 Rs. Rs. 1,60,000/- (Approx)	Dr A. Ramesh	20-06-2014	11-07-2014	
<b>Conducted Short-term training courses worth Rs. 10 (Lacs) in self-sponsored Consultancy Mode</b>							
2	A two-day workshop on “ <b>Business Analytics.</b> ”	Self-sponsored by the Candidate	10,00,000 (Approx)	Dr A. Ramesh	8 April 2017	9 April 2017	
3	Short-term course on “ <b>Big Data Analysis for improving business performance.</b> ”	Self-sponsored by the Candidate			17 May 2014	18 May 2014	
4	Short-term course on “ <b>Advanced Data Analysis for Research.</b> ”	Self-sponsored by the Candidate				18 May 2013	19 May 2013
5	Certificate Program in Data Analytics (CEC-1059/21-22)	Times Edutech and Events Ltd., (MH), Maharashtra			Dr A. Ramesh	April 2022	September 2022

## NPTEL COURSES

Time	Course Title	Enrolled	Registered for the certificate
Jan-April-2022	Data Analytics with Python	40485	8663
Jan-April-2022	Decision-making with spreadsheet	2456	134
Jan-April-2021	Data Analytics with Python	23473	2456
Jan-April-2020	Data Analytics with Python	29374	423
			Total

Sl. No	Course Name	UG/PG/PhD
1.	Quality management	UG.
2.	Six Sigma: Tools and Techniques	UG.
3.	Project Management	UG.
4.	Production and Operations Management	UG.
5.	Service Operations Manager	MBA
6.	Circular supply chain for sustainability	MBA
7.	Industrial Internet of Things for Managers	MBA
8.	Project Management	MBA
9.	Project Management and Implementation	PG-M. Tech CTRANS)
10.	Applied Statistics*	PG.

\*Defense Engg. College, Ethiopia

## EDITORIAL ASSIGNMENT

- Associated Editor, International Journal of Revenue Management, Inderscience Publishers, ABDC-C

<https://www.inderscience.com/jhome.php?jcode=ijrm>

- Guest Editor, MSME’s Resilience and Performance: COVID-19 perspective”, Benchmarking: An International Journal (Emerald) - ABDC- B

<https://www.emerald.com/insight/content/doi/10.1108/BIJ-06-2023-784/full/html>

## PUBLICATIONS SUMMARY

Category	Published
Refereed Journal Papers	43
Refereed conference papers	68
Publication Book Chapters	08

Scopus ID : <https://www.scopus.com/authid/detail.uri?authorId=55823315400>

ORCID ID : <https://orcid.org/0000-0002-2040-3064>

Google Scholar: <https://scholar.google.co.in/citations?user=wj2fd9gAAAAJ&hl=en>

Publon : <https://publons.com/researcher/2936205/ramesh-anbanandam/>

No. of ABDC-A\* Papers: 01 (At the level of Associate Professor)

No. of ABDC-A Paper: 11 (09 papers at the level of Associate Professor)

No. of SJR- Q1: 20 (13 papers at the level of Associate Professor)

Google Scholar h-Index: 29

Sl.No	Year	Publication Details	SJR Ranking	ABDC Ranking
<b>Research Area: Sustainable Freight Logistics</b>				
1.	2020	Kumar, A., & Anbanandam, R. (2020). Evaluating the interrelationships among inhibitors to intermodal railroad freight transport in emerging economies: A multi-stakeholder perspective. Transportation Research Part A: Policy and Practice, 132, 559-581	Q1	A*
2.	2020	Kumar, A. and A, Ramesh. (2020), “An MCDM framework for assessment of social sustainability indicators of the freight transport industry under uncertainty. A multi-	Q1	A

Sl.No	Year	Publication Details	SJR Ranking	ABDC Ranking
		company perspective”, Journal of Enterprise Information Management, Vol. 33 No. 5, pp. 1023-1058. <a href="https://doi.org/10.1108/JEIM-09-2019-0272">https://doi.org/10.1108/JEIM-09-2019-0272</a>		
3.	2020	Kumar, A. and Anbanandam, R. (2021), “Environmentally responsible freight transport service providers’ assessment under data-driven information uncertainty”, Journal of Enterprise Information Management, Vol. 34 No. 1, pp. 506-542. <a href="https://doi.org/10.1108/JEIM-12-2019-0403">https://doi.org/10.1108/JEIM-12-2019-0403</a>	<b>Q1</b>	<b>A</b>
4.	2022	Kumar, A., & Anbanandam, R. (2020). Assessment of environmental and social sustainability performance of the freight transportation industry: An index-based approach. Transport Policy. 124, pp. 43-60, IF. 6.173, <a href="https://doi.org/10.1016/j.tranpol.2020.01.006">https://doi.org/10.1016/j.tranpol.2020.01.006</a>	<b>Q1</b>	<b>A</b>
5.	2020	Kumar, A., & Anbanandam, R. (2020). Analysing interrelationships and prioritising the factors influencing sustainable intermodal freight transport system: A grey-DANP approach. Journal of Cleaner Production, 252, 119769,	<b>Q1</b>	<b>A</b>
6.	2020	Kumar, A., & Anbanandam, R. (2020). A Flexible Policy Framework for Analysing Multimodal Freight Transportation System in India: SAP–LAP and Efficient IRP Method. Global Journal of Flexible Systems Management, 21(1), 35-52.	<b>Q1</b>	<b>A</b>
7.	2019	Kumar, A. and Ramesh A (2019), “Development of social sustainability index for freight transportation system” Journal of Cleaner Production, Vol. 210, pp. 77-92, SCIE, IF 5.715	<b>Q1</b>	<b>A</b>
8.	2019	Kumar, A., & Anbanandam, R. (2019). Location selection of multimodal freight terminal under STEEP sustainability. Research in Transportation Business & Management, 33, 100434.	<b>Q1</b>	<b>Not Applicable</b>
9.	2018	Senthil, S., Murugananthan, K., & Ramesh, A. (2018). Analysis and prioritisation of risks in a reverse logistics network using hybrid multi-criteria decision-making methods. Journal of Cleaner Production, 179, 716-730.	<b>Q1</b>	<b>A</b>
10.	2014	Senthil, S., Srirangacharyulu, B., & Ramesh, A. (2014). A robust hybrid multi-criteria decision-making methodology for contractor evaluation and selection in third-party reverse logistics. Expert Systems with Applications, 41(1), 50-58.	<b>Q1</b>	

Sl.No	Year	Publication Details	SJR Ranking	ABDC Ranking
<b>Research Area: Supply Chain Resilience</b>				
11.	2020	Siva Kumar, P., & Anbanandam, R. (2020). Theory building on supply chain resilience: a SAP–LAP analysis. <i>Global Journal of Flexible Systems Management</i> , 21(2), 113-133.	Q1	A
12.	2019	Kumar, S., and Anbanandam, R. (2019). Impact of risk management culture on supply chain resilience: An empirical study from Indian manufacturing industry. <i>Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 1748006X19886718. (SCIE)	Q2	
13.	2019	Kumar, S. and Anbanandam, R. (2019), “An integrated Delphi – fuzzy logic approach for measuring supply chain resilience: an illustrative case from manufacturing industry”, <i>Measuring Business Excellence</i> , Vol. 23 No. 3, pp. 350- 375.,	Q2	B
<b>Climate Change Mitigation Strategy</b>				
14.	2019	Balsara, S., Jain, PK and Ramesh, A (2019), “An integrated approach using AHP (Analytic Hierarchy Process) and DEMATEL for evaluating climate change mitigation strategies of the Indian cement manufacturing industry”, <i>Environmental Pollution</i> , Vol. 252, pp – 863-878	Q1 (SCIE)	Not Applicable
15.	2021	Balsara, S., Jain, P. K., & Ramesh, A. (2021). An integrated methodology to overcome barriers to climate change mitigation strategies: A case of the cement industry in India. <i>Environmental Science and Pollution Research</i> , 28, 20451-20475.	Q1	
<b>Transport Infrastructure</b>				
16.	2022	Jain, B., Tiwari, D., Parida, M., & Anbanandam, R. (2022). Assessment of vehicular fuel consumption and interaction with pavement characteristics using HDM-4 on Indian urban road network: A case of Pune city. <i>Case Studies in Construction Materials</i> , 17, e01362.	Q1	Not applicable
17.	2023	Jain, B., Tiwari, D., Parida, M., & Anbanandam, R. (2023) Performance-based Road Asset Management System In India: A Case of Pune City. <i>Highway Research Journal</i> . (Indian Roads Congress) (Accepted for publication)		
18.	2021	Kant, R and Sadhukhan, S., and Ramesh, A. (2021). Impact of Mobility Culture and Population Size on Urban Transportation System Performance in Indian		

Sl.No	Year	Publication Details	SJR Ranking	ABDC Ranking
		Cities. Urban Transport Journal. 25 October 2021. (In press)		
19.	2019	Sahgal, D., & Ramesh, A. (2019). Vision-based vehicle detection with fog removal algorithm. International Journal of Engineering and Advanced Technology.		
20.	2018	Sahgal, D., Ramesh, A., & Parida, M. (2018). Real-time vehicle queue detection at urban traffic intersections using image processing. International Journal of Engineering Science and Generic Research, 4(2), 12-15.		
<b>Humanitarian Supply Chain Management</b>				
21.	F	Kabra, G., Ramesh, A., Jain, V., & Akhtar, P. (2023). Barriers to information and digital technology adoption in humanitarian supply chain management: a fuzzy AHP approach. <i>Journal of Enterprise Information Management</i> .	<b>Q1</b>	<b>A</b>
22.	2017	Kabra, G., Ramesh, A., Akhtar, P., & Dash, M. K. (2017). Understanding behavioural intention to use information technology: Insights from humanitarian practitioners. <i>Telematics and Informatics</i> , 34(7), 1250-1261.	<b>Q1</b>	
23.	2016	Kabra, G., & Ramesh, A. (2016). Information technology, mutual trust, flexibility, agility, adaptability: Understanding their linkages and impact on humanitarian supply chain management performance. <i>Risk, Hazards &amp; Crisis in Public Policy</i> , 7(2), 79-103.	<b>Q1</b>	
24.	2015	Kabra, G., Ramesh, A., & Arshinder, K. (2015). Identification and prioritisation of coordination barriers in humanitarian supply chain management. <i>International Journal of Disaster Risk Reduction</i> , 13, 128-138.	<b>Q1</b>	
25.	2015	Kabra, G., & Ramesh, A. (2015). Analysing ICT issues in humanitarian supply chain management: A SAP-LAP linkages framework. <i>Global Journal of Flexible Systems Management</i> , 16, 157-171.	<b>Q1</b>	<b>A</b>
26.	2015	Kabra, G., & Ramesh, A. (2015). An empirical investigation of the enablers in humanitarian supply	<b>Q2</b>	

Sl.No	Year	Publication Details	SJR Ranking	ABDC Ranking
		chain management in India: A case study. <i>Journal of Advances in Management Research</i> .		
27.	2015	Kabra, G., & Ramesh, A. (2015). Analysing drivers and barriers of coordination in humanitarian supply chain management under fuzzy environment. <i>Benchmarking: An International Journal</i> .		<b>B</b>
28.	2012	John, L., & Ramesh, A. (2012). Humanitarian supply chain management in India: an SAP-LAP framework. <i>Journal of advances in management research</i> .	<b>Q2</b>	
29.	2012	John, L., Ramesh, A., & Sridharan, R. (2012). Humanitarian supply chain management: a critical review. <i>International Journal of Services and Operations Management</i> , 13(4), 498-524.	<b>Q3</b>	
<b>Healthcare Supply Chains</b>				
30.	2018	Thakur, V., & Ramesh, A. (2018). Analysing composition and generation rates of biomedical waste in selected hospitals of Uttarakhand, India. <i>Journal of Material Cycles and Waste Management</i> , 20, 877-890.	<b>Q2</b>	
31.	2017	Thakur, V., & Ramesh, A. (2017). Healthcare waste disposal strategy selection using the grey-AHP approach. <i>Benchmarking: An International Journal</i> .		<b>B</b>
32.	2017	Thakur, V., & Anbanandam, R. (2017). Management practices and modeling the seasonal variation in health care waste: a case study of Uttarakhand, India. <i>Journal of Modelling in Management</i> , 12(1), 162-174.	<b>Q2</b>	
33.	2017	Thakur, V., & Ramesh, A. (2017). Quantitative grey-ANP-TOPSIS based model for evaluating healthcare waste disposal partner. <i>International Journal of Procurement Management</i> , 10(6), 683-705.	<b>Q3</b>	
34.	2016	Thakur, V., & Anbanandam, R. (2016). Healthcare waste management: an interpretive structural modelling approach. <i>International Journal of health care quality assurance</i> , 29(5), 559-581.	<b>Q3</b>	
35.	2016	Thakur, V., & Anbanandam, R. (2016). A shift from product supply chain management to services supply chain management: a review. <i>International Journal of Services and Operations Management</i> , 23(3), 316-346.	<b>Q3</b>	

Sl.No	Year	Publication Details	SJR Ranking	ABDC Ranking
36.	2015	Thakur, V., & Anbanandam, R. (2015). Supplier selection using grey theory: a case study from the Indian banking industry. <i>Journal of Enterprise Information Management</i> .		A
37.	2015	Thakur, V., & Ramesh, A. (2015). Healthcare waste management research: A structured analysis and review (2005–2014). <i>Waste Management &amp; Research</i> , 33(10), 855-870.	Q2	
<b>Supply chain issues</b>				
38.	2020	Birasnav, M., Kalaivanan, S., Ramesh, A., & Tibrewala, R. (2020). Routing vehicles through the cross-docking facility for third-party logistics service providers. <i>International Journal of Operational Research</i> , 38(2), 255-277.	Q3	
39.	2017	Deep, A., Sharma, Y., & Anbanandam, R. (2017). Quality assessment of academic websites using structured equation modelling. <i>International Journal of Management in Education</i> , 11(2), 206-222.	Q1	
40.	2011	Ramesh, A., Banwet, D. K. and Shankar, Ravi (2011), Evaluation of supply chain collaboration: A case of the retail apparel industry, <i>International Journal of Productivity and Performance Management</i> , Vol.60, No.2. pp.82-98. (Scopus Indexed)	Q2	
41.	2010	<b>Ramesh, A., Banwet, D. K. and Shankar, Ravi (2010), Modeling the barriers of supply chain collaboration, <i>Journal of Modeling in Management</i>, Vol.5, No.2, pp.176-193. Literati Award for Excellence under emerald publications’ “Highly Commended Research Paper in the Year 2011” category.</b>	<b>Scopus Indexed</b>	
42.	2008	<b>Ramesh, A., Banwet, D. K. and Shankar, Ravi (2008), Modeling the enablers of supply chain collaboration, <i>International Journal of Logistics and Systems Management</i>, Vol. 4, No. 6, pp. 617-633. Scopus Indexed</b>	Q2	
<b>Electric Vehicles Adoption</b>				
43.	2022	Mall, S., & Anbanandam, R. (2022). A Fuzzy Analytic Hierarchy Process and VIKOR Framework for Evaluation and Selection of Electric Vehicle Charging Technology for India. <i>Transportation in Developing Economies</i> , 8(1), 14.		

### C. BOOKS EDITED

2022	Anbanandam Ramesh and Santosh Rangnekar (Eds): Flexibility, Innovation, and Sustainable Business, Springer, <a href="https://link.springer.com/book/10.1007/978-981-19-1697-7">https://link.springer.com/book/10.1007/978-981-19-1697-7</a>
2021	Kalian, M., Vimal, H, Ramesh, A and Agrawal, A (2022), Lean and Green Manufacturing: Towards Eco-Efficiency and Business Performance, Springer <a href="https://link.springer.com/book/10.1007/978-981-16-5551-7">https://link.springer.com/book/10.1007/978-981-16-5551-7</a>
2015	Ramesh, A. and Prakash, G. (2015), Operations Management in Digital Economy”, Edited book available at <a href="http://www.sciencedirect.com/journal/procedia-social-and-behavioral-">http://www.sciencedirect.com/journal/procedia-social-and-behavioral-</a>

### D. BOOKS ADAPTED

2022	Meredith, J. R., Shafer, S. M., Mantel Jr, S. J., and Ramesh, A (2017). <i>Project management: a strategic managerial approach</i> . John Wiley & Sons. Indian Adapted Edition, Wiley publication <a href="https://www.amazon.in/Project-Management-11ed-Indian-Adaptation/dp/9354641172">https://www.amazon.in/Project-Management-11ed-Indian-Adaptation/dp/9354641172</a>
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### E. BOOK CHAPTERS

Sl.No	Year	Publication Details
1.	2020	Balsara, S., Jain, P. K., & Ramesh, A. (2020). Analysing enablers of emission reduction strategies of the cement-manufacturing industry of India under a fuzzy environment. In <i>Advances in Simulation, Product Design and Development: Proceedings of AIMTDR 2018</i> (pp. 571-581). Springer Singapore.
2.	2020	Kumar, A., Anbanandam, R., Kabir, G., & Kazançoğlu, Y. (2020). “2 Green and sustainable freight logistics for improving supply chain sustainability: a bibliometric analysis”, <i>Supply Chain Sustainability: Modeling and Innovative Research Frameworks</i> , 2, 39.
3.	2020	Kumar, A., & Anbanandam, R. (2020). “Evaluation and prioritisation of green logistics and transportation practices used in the freight transport

Sl.No	Year	Publication Details
		industry”, In Modeling and Optimisation in Green Logistics (pp. 87-104). Springer, Cham.
4.	2017	Kabra, G., & Ramesh, A. (2017), “An analysis of the interactions among the enablers of information communication technology in supply chain management: A fuzzy-based relationship modelling approach”, In Kumar, A; Trivedi, S.K; Dash, M.K and Panda, TK (Eds), Intelligent Techniques and Modeling Applications in Marketing Analytics, IGI Global publications.
5.	2017	Kabra, G., Ghosh, V. and Ramesh, A. (2017), “Enterprise Integrated Business Process Management and Business Intelligence Framework for Business Process Sustainability”, Green Initiatives for Business Sustainability and Value Creation, 228, IGI Global publications.
6.	2017	Kumar, A. and Ramesh, A. (2017), “Modeling of intermodal freight competition for sustainable transportation in India”, Sustainable operations in India, Springer, Singapore.
7.	2016	John, L., & Ramesh, A. (2016). “Modeling the Barriers of Humanitarian Supply Chain Management in India”, Sahay, B.S; Gupta, S and Menon, V.C. (Eds), Managing Humanitarian Logistics (pp. 61-82). Springer India
8.	2016	Kabra, G., & Ramesh, A. (2016), “Exploring the challenges in the implementation of IT in humanitarian relief organisations in India: A qualitative study”, Sahay, B.S; Gupta, S and Menon, V.C. (Eds), Managing Humanitarian Logistics, Springer publications.

## F. REFEREED CONFERENCE PROCEEDINGS

22 Conference papers at the level of Associate Professor

Sl.NO	Year	Publication
1.	2023	Kant, R., Sadhukhan, S., and Ramesh, A. (2023). “Investigating Heterogeneity in Pedestrians’ Perceived Importance towards Crossing Facility in an Educational City: Roorkee as a Case Study”. Transportation Research Board 102 <sup>nd</sup> Annual Meeting. Washington, DC, USA. 8-12 January 2023.
2.	2022	Kant, R., and Sadhukhan, S., Ramesh, A., and Kar, M. (2022). Measuring users’ perceived importance towards attributes affecting road crossing behaviour in the educational city: Roorkee as a case study. Urban Transitions 2022 - Integrating urban and transport planning, environment, and health for healthier urban living, Sitges, Barcelona, Spain. 8-10 November 2022.
3.	2022	Kant, R., Sadhukhan, S., and Ramesh, A. (2022). Investigating Priority Intervention of Crosswalk Facilities in Roorkee City: A Grey Relation-Based Importance Satisfaction Analysis. 13 <sup>th</sup> Research Symposium on Urban Transport-15 <sup>th</sup> Urban Mobility India Conference & Expo 2021 (UMI-RS 2021), Ministry of Housing and Urban Affairs, Government of India. 4-6 November 2022.
4.	2022	Jain, B., Tiwari, D., Parida, M., & Anbanandam, R (2022). Performance-based Road Asset Management System in India: A Case of Pune City. 81st Annual

Sl.NO	Year	Publication
		Session of the Indian Roads Congress (IRC). Lucknow, India. October 8-11, 2022. (Oral Presentation)
5.	2022	Kumar, N and Ramesh, A (2022), 'Developing a Framework for Municipality Solid Waste Management' presented at 25th Annual International Conference of the Society of Operations Management, organised by IIM Indore, held on 16-18 December 2022. (Oral Presentation)
6.	2022	Mall S., Anbanandam R. (2022), "Decision tree development for predicting electric vehicle adoption Challenges: A case study of Dehradun" is presented at the 4th conference on Recent advances in traffic Engineering (RATE- 2022) held at Sardar Vallabh Bhai National Institute of Technology, Surat. (Oral Presentation)
7.	2022	Mall S., Anbanandam R. (2022), "What's hindering EV mass adoption in Urban India: From potential user's perspective" is presented at the 2nd conference on Transportation Infrastructure Projects: Conception to Execution (TIPCE- 2022) held at Indian Institute of Technology, Roorkee. (Oral Presentation)
8.	2022	Mall, S, Kale, A, and Ramesh. A (2022), "Barriers hindering the commercialisation of TRL 6 and above technologies" presented in POMS22, IIM Kozhikode
9.	2022	Mall S., Anbanandam R. (2022), "Investigating shift in Electric vehicle mass adoption trend before and after COVID-19 in India" Global Conference on Flexible Systems Management, organised by L M Thapar School of Management, Chandigarh, held on 09-11 December 2022.
10.	2022	Rawat U. & Ramesh A. (2022), 'Development of Framework for Selecting appropriate Connectivity Solutions in the Context of Indian Freight Logistics.' 25th Annual International Conference of the Society of Operations Management, organised by IIM Indore, held on 16-18 December 2022. (Oral Presentation)
11.	2022	Rawat U. & Ramesh A. (2022), 'Modeling the Adoption Factors for Developing Future Freight Transportation by Integrating Cyber-Physical Systems and the Internet of Things: A Theoretical Perspective.' Global Conference on Flexible Systems Management, organised by L M Thapar School of Management, Chandigarh, held on 09-11 December 2022. (Oral Presentation)
12.	2022	Rawat U. & Ramesh A. (2022), 'Analysing the Potential of Cyber-Physical Systems for Integrating Digital Disruptions to Optimise Freight Logistics Operations.' The international conference on Shaping the Future of Management Education for Sustainable Emerging Economies, organised by the Department of Management Studies, IIT Roorkee, was held on 20-22 November 2022. (Oral Presentation)
13.	2022	Kale, A, and Ramesh. A (2022), "Application of Reinforcement Learning in Supply Chains" presented in POMS22, IIM Kozhikode.
14.	2022	Kale, A, and Ramesh.A (2022), "A review on Supply Chain Revenue Optimization: Methods, Techniques, and Research Prospects" presented in Glogift -21, IIM Shillong

Sl.NO	Year	Publication
15.	2022	Prajapati, S, and Ramesh.A (2022), “Human-Centric approach for implementing Industry 4.0 in Indian MSMEs” presented in Glogift -21, IIM Shillong
16.	2022	Prajapati, S, and Ramesh.A (2022), “A systematic review for application of emerging disruptive technologies for humanitarian supply chain management”, presented in Glogift-22, Global Conference on Flexible Systems Management, organised by L M Thapar School of Management, Chandigarh, held on 09-11 December 2022.
17.	2022	Prajapati, S, and Ramesh.A (2022), “Role of AI, Blockchain and 3-D printing in humanitarian supply chain management” presented at The international conference on Shaping the Future of Management Education for Sustainable Emerging Economies, organised by the Department of Management Studies, IIT Roorkee, held on 20-22 November 2022. (Oral Presentation)
18.	2022	Mall S., Anbanandam R., “Development of CART model to predict attributes of potential consumers driving the EV market in Urban India” is presented at the conference Mobil.TUM 2022, Singapore.
19.	2021	Kant, R. Sadhukhan, S., and Ramesh, A. (2021). Impact of Mobility Culture and Population Size on Urban Transportation System Performance in Indian Cities 12th Research Symposium on Urban Transport-14th Urban Mobility India Conference 2021 (UMI-RS 2021), Ministry of Housing and Urban Affairs, Government of India & Institute of Urban Transport (IUT). 25 October, 2021.
20.	2021	Jain, B., Parida, M., Tiwari, D., & Anbanandam, R (2021). An Overview of Performance-based Road Assets Management System. 4th World Congress on Infrastructure Asset Management. Malaysia (Virtual). December 28-29, 2021. (Oral Presentation)
21.	2021	Rawat U. and Ramesh A. (2021), ‘Cyber-physical systems (CPSs) Opportunities and Barriers to optimising freight supply chain: A theoretical perspective.’ Presented at the International Conference of Operations Management Systems and Business Analytics, organised by the Department of Industrial and Systems Engineering, IIT Kharagpur, held on 26 March, 2021. Oral Presentation
22.	2021	Mall S., Anbanandam R, “Analysing factors affecting Electric Vehicle (EV) adoption among urban Indians and their influence on each other: A case study of Delhi” is presented at the conference EASTS 2021, Hiroshima, Japan
23.	2021	Mall S., Anbanandam R, “A Fuzzy Analytic Hierarchy Process and VIKOR Framework for Evaluation and Selection of Electric Vehicle Charging Technology for India” is presented at the 6th conference of the Transportation Research Group of India (CTRG-2021)
24.	2020	Kant, R., Sadhukhan, S., and Ramesh, A. (2020). Comprehensive Measurement for Urban Transport Infrastructure in India. 1st International Conference on Urban Science and Engineering (ICUSE-2020), Indian Institute of Technology Bombay, Mumbai, India. 28-29 February 2020.
25.	2019	Mall S., Anbanandam R (2019), “Potential barriers hindering Electric vehicle mass adoption: A review” presented in GLOGIFT -19, IIT Roorkee

Sl.NO	Year	Publication
26.	2019	Jain, B., Parida, M., Tiwari, D., & Anbanandam, R (2019). Application of new-fangled tools and techniques in data collection for an asset management system for the urban road network in India. 5th Conference of the Transportation Research Group of India (CTRG-2019). Bhopal, India. December 18-21, 2019. (Oral Presentation)
27.	2019	Jain, B., Parida, M., Tiwari, D., Thakar, V., & Anbanandam, R (2019). RAMS for Indian SMART Cities: Worst first to Preserve first. 13th International Conference of the Eastern Asia Society for Transportation Studies (EASTS). Colombo, Sri Lanka. September 9-11, 2019. (Poster Presentation)
28.	2017	Kumar, A. and Ramesh, A. (2017), "Optimising intermodal freight transportation services based on price sensitivity and terminal location" accepted for oral presentation in 11th Indian Subcontinent Decision Science Institute Conference at IIM Trichy (India) during 27-30th December 2017.
29.	2017	Pujari, S. and Ramesh, A (2017), "Identification and prioritisation of dynamic capabilities in MSMEs using the best-worst method" accepted for oral presentation in 11th Indian Subcontinent Decision Science Institute Conference at IIM Trichy (India) during 27-30th December 2017.
30.	2017	Kumar, A. and Ramesh, A. (2017), "Intermodal Freight Transportation Route Selection Based on the Transportation Network Cost and Emission Cost." oral presentation in XXI annual conference of Society of Operations Management India at Ahmedabad University, (India) during 21st -23rd December 2017.
31.	2017	Savita and Ramesh, A. (2016), Return anomalies in parliamentary elections: Evidence from India, International Conference on Research and Business Sustainability, held 16-17 Dec 2017 at Greater Noida Campus, Indian Institute of Technology Roorkee, Roorkee, India.
32.	2016	Savita and Ramesh, A. (2016), Drivers and outcomes of political uncertainty on stock market volatility, International Conference on Global Trends in Business and Sustainability Research, held during 2-4 Dec 2016 at Greater Noida Campus, Indian Institute of Technology Roorkee, Roorkee, India
33.	2016	Ayush, G and Ramesh, A (2016), "Optimisation of Sustainable Supply Chain – Network Design", India International Science Festival (IISF) - Young Scientists' Conclave (YSC), held Dec 8-11, 2016 at IIT Delhi.
34.	2016	Gupta, U., & Ramesh, A. (2016). "An analysis of enablers for the service dimension of Indian healthcare supply chain: An application of interpretive structural modelling", International Conference on Global Business Innovation and Knowledge Management (ICBIK), Ansal University campus-Gurgaon, 11-12 Feb 2016.
35.	2016	Kabra, G., and Ramesh, A. (2015), "Moderating effect of personal innovativeness on information technology adoption in the humanitarian supply chain: An empirical investigation", XX Annual International Conference of Society of Operations Management (SOM)-published in the book of abstracts with ISBN, ABV – IIITM-Gwalior, 21-23 Dec 2016.

Sl.NO	Year	Publication
36.	2016	Gupta, U., & Ramesh, A. (2016). "Enablers of patient satisfaction in the healthcare service supply chain in India", XX Annual International Conference of Society of Operations Management (SOM)-published in the book of abstracts with ISBN, ABV – IIITM-Gwalior, 21-23 Dec 2016.
37.	2015	John, L., Ramesh A. and Nazia, A. (2015). Supply Chain Operations Reference model for performance measurement in the humanitarian supply chain. 3rd Pan IIM World Management Conference, Indian Institute of Management Indore (IIMI), India (December 17-19, 2015)
38.	2015	Kabra, G., and Ramesh, A. (2015). Segmenting critical factors for implementing IT in humanitarian supply chain management, Procedia-Social and Behavioral Sciences, Vol. 189, ISSN: 1877-0428 (Elsevier).
39.	2015	Thakur, V., and Ramesh, A. (2015) "Selection of Waste Disposal Firms Using Grey Theory Based Multi-Criteria Decision-Making Technique", Procedia - Social and Behavioral Sciences (Elsevier), Vol. 189, 81-90.
40.	2015	Thakur, V., and Ramesh, A. (2015) "Predicting Health Care waste generation rate: Case Study of Uttarakhand", 19 <sup>th</sup> Annual International Conference of the Society of Operations Management, held on 11-13 Dec 2015 at IIM Calcutta, Kolkatta India.
41.	2015	Himasagar and Ramesh, A. (2015) "Modelling the Metrics of the Supply Chain", 19 <sup>th</sup> Annual International Conference of the Society of Operations Management, held 11-13 Dec 2015 at IIM Calcutta, Kolkatta India.
42.	2015	Thakur, V., and Ramesh, A. (2015) "Choosing healthcare waste disposal strategy", 14th International Conference on IT Applications and Management, Ewha Woman's University, Seoul, Korea, June 24-26, 2015.
43.	2015	Gupta, U., & Ramesh, A. (2015). "Analysing the Barriers of Health Care Supply Chain in India: The Contribution and Interaction of Factors". Procedia-Social and Behavioural Sciences, 189, 217-228.
44.	2015	John, L., Ramesh A. and Nazia, A. (2015). Supply Chain Operations Reference model for Performance measurement in the humanitarian supply chain. 3rd Pan IIM World Management Conference, Indian Institute of Management Indore (IIMI), Indore, MP, India (December 17-19, 2015)
45.	2015	Gupta, U., & Ramesh, A. (2015). "Design and implementation of hospital healthcare supply chain models using a hybrid of Goal programming and AHP approach", International Conference on Quality through Innovation, Anna University, Mar 18-19, 2015.
46.	2014	Senthil, S., Sridharan, R., Srirangacharyulu, B., and Ramesh A., 2014. A critical examination and assessment of reverse logistics contractors using digraph and matrix methods. In Proceedings of the International Conference on Innovative Research in Engineering and Technology (ICIRET), EGS Pillay Engineering College, Nagapattinam, May 2-3, 201
47.	2014	Sahgal, D. and Ramesh A. (2014), "Soft Computing Application in 3D Object Recognition for Universal Goods in Logistics", 7th International Conference on Contemporary Business & 4th Global Conference on Flexible Systems Management, held at Curtin University, Singapore during October 15-17, 2014

Sl.NO	Year	Publication
48.	2014	Savita and Ramesh, A. (2014), Return volatility around National elections: Evidence from India, XVIII Annual International Conference of the Society of Operations Management, held during 12-14 Dec 2014 at Indian Institute of Technology Roorkee, Roorkee, India
49.	2014	Thakur V and Ramesh A (2014) Healthcare Waste Management in India –7th International Conference on Contemporary Business & 14th Global Conference on flexible systems management, held at Curtin University, Singapore during October 15-17, 2014
50.	2013	Savitha and Ramesh, A (2013), “Measures of financial risk: A critical analysis” Thirteenth Global Conference on Flexible Systems Management, GLOGIFT -13, held at IIT Delhi during December 13 –15, 2013.
51.	2013	Vikas, T. and Ramesh, A. (2013), “Services Supply Chain Management: A Critical Review”, XVII Annual International Conference of the Society of Operations Management, held at IIT Madras, from December 20-22, 2013.
52.	2013	Vikas, T. and Ramesh, A. (2013), “Study of marketing problems for the growth of MSMEs in Himachal Pradesh”, IIMB: International Conference on business analytics and intelligence, held at IIM Bangalore, during December 2013.
53.	2013	Vishnu Kumar S, Ramesh. and Ratnakumar. K. (2013), “Location of a Warehouse5 for Humanitarian Supply Chain Management”, Tenth AIMS International Conference on Management held at IIM Bangalore during Jan 6-9, 2013.
54.	2013	Wales, M., Ramesh. and Sridharan R. (2013), “Critical Review of Cold Chain in Indian Scenario”, Tenth AIMS International Conference on Management held at IIM Bangalore during Jan 6-9, 2013.
55.	2013	Mudit, S., Saurabh, K. and Ramesh, A. (2013), “Performance study of the Pharmaceutical industry using DEA approach, XVII Annual International Conference of the Society of Operations Management, held at IIT Madras, during December 20-22, 2013.
56.	2013	Rohan, Dhar., Biswas, M., and Ramesh, A. (2013), “Effects of Green Supply Chain Management Practices on organisational performance: A Study on the Indian Manufacturing Industry”, International Conference on Humanitarian Logistics, held at IIM Raipur during December 2-3, 2013.
57.	2013	Kabra, G., & Ramesh, A. (2013), Exploring the challenges in the implementation of IT in Humanitarian Relief Organizations in India: A qualitative study, International Conference on Humanitarian Logistics, Indian Institute of Management Raipur, India.
58.	2013	Kabra, G., & Ramesh, A. (2013), Coordination in Humanitarian Supply Chain Management in India: Modelling the Barriers, Thirteenth Global Conference on Flexible Systems Management, Indian Institute of Technology Delhi, New Delhi, India.
59.	2013	Senthil, S., Sridharan, R., Srirangacharyulu, B., and Ramesh A., 2013. Analysis and Evaluation of 3PRLP using digraph and matrix method. In Proceedings of International Conference on Sustainable Manufacturing,

Sl.NO	Year	Publication
		(ICSM 2013), Coimbatore Institute of Technology, Coimbatore, July 29-31, 2013, pp. 43-49.
60.	2013	Lijo, J. and Ramesh, A. (2013), “Modeling the barriers of humanitarian supply chain management”, International Conference on Humanitarian Logistics, held at IIM Raipur during December 2-3, 2013.
61.	2013	Lijo, J., Gopalakrishnan N. and Ramesh, A (2013), “A Structural framework for reverse logistics implementation” Thirteenth Global Conference on Flexible Systems Management, GLOGIFT -13, held at IIT Delhi during December 13 –15, 2013.
62.	2012	John, L. and Ramesh, A. (2012), “Location of Warehouse in Asia for Humanitarian Supply Network”, XVI Annual International Conference of the Society of Operations Management held at IIT Delhi, Dec 21-23, 2012. <b>(Best Paper Award).</b>
63.	2012	Senthil, S., Srirangacharyulu, B., and Ramesh A., 2012. A decision-making methodology for the selection of Reverse Logistics Operating Channel. In Proceedings of International Conference on Optimization, Modelling and Computation, (ICMOC 2012), Noorul Islam University, Kanyakumari, April 10 -11, 2012.
64.	2012	Senthil, S., Srirangacharyulu, B., and Ramesh, A. (2012). A decision-making methodology for the selection of reverse logistics operating channels. Procedia Engineering, Vol.38, pp.418-428.
65.	2011	Ramesh, A. and Bikram, K. (2011), “The Indian Apparel Industry: A Critical Review of Supply Chains”, Tenth International Conference on Operations and Quantitative Management, June 28-30, held at Nasik, India.
66.	2010	Ramesh, A., Banwet, D. K. and Shankar, Ravi (2010), “Strategy Selection for Supply Chain Responsiveness”, Tenth Global Conference on Flexible Systems Management, GLOGIFT 10, held in Tokyo, Japan.
67.	2008	Ramesh, A., Banwet, D. K. and Shankar, Ravi (2008), “Analysis of Indian Apparel Retail Industry”, National level conference on Supply chain management for competitiveness, Ghaziabad, New Delhi, India.
68.	2008	Ramesh, A., Banwet, D. K. and Shankar, Ravi (2008), “Modeling the enablers of quick response”, Eighth Global Conference on Flexible Systems Management, GLOGIFT 08, USA.

## ADMINISTRATIVE RESPONSIBILITIES

<p><b>A. Institute Level</b></p> <ul style="list-style-type: none"> <li>• Chair- CAPC, CTRANS (2022 ongoing)</li> <li>• Member - Convocation Award selection Committee (2022 ongoing)</li> <li>• Member – NIRF Ranking Analytics (2017-2020)</li> <li>• Chief Warden, Azad Bhawan, IIT Roorkee (2018 -2020)</li> </ul>
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- Warder- Jawahar Bhawan, IIT Roorkee (2015-18)
- The Member Library Advisory Committee, IIT Roorkee (2016-2020)

**B. Department Level**

- Convener – Faculty Search Committee, Department of *Management Studies, IIT Roorkee* (2020- ongoing)
- Convener – Cognizance Department of Management Studies at IIT Roorkee
- Examination *in* charge in the Department of Management Studies at IIT Roorkee (2016-2020)

**C. Other Academic Activities**

- Visiting faculty at Defense Engineering College, Addis Ababa, Ethiopia, to teach a course on “Applied Statistics” from 18 June- 14 July 2014
- Expert for the syllabus framing committee at the Indian Institute of Crop Processing Technology (IICPT), Ministry of Food Processing Industries, at Thanjavur, Tamil Nadu
- Member, Academic Advisory Council, Jaipuria Institute of Management, Ghaziabad ad UPES Dehradun

**CONFERENCE ORGANISED**

<b>2014</b>	Organised the <b>18th Annual International Conference of the Society of Operations Management</b> held during 12-14 December 2014 at IIT Roorkee.
<b>2019</b>	Organised the <b>19th Global Conference on Flexible Systems Management, GLOGIFT-19</b> , held 6-8 December 2019 at IIT Roorkee. <a href="https://www.iitr.ac.in/glogift19/">https://www.iitr.ac.in/glogift19/</a>

**MEMBERS OF THE PROFESSIONAL SOCIETY**

- Indian Institution of Industrial Engineers -Life Member
- Society of Operations Management- Life Member
- Global Institute of Flexible Systems Management- Life Member
- Indian Society for Training and Development-Life Member

## SELECT INVITED TALKS AND LECTURES

Year	Details of the Programme
2023	An expert lecture on “ANN application in Supply Chain Management” was delivered as part of the Short-Term Training Programme (STTP) on “Digital Supply Chain Management (DSCM 2023)” organised by the Centre of Excellence in Logistics and Supply Chain Management (CoELSCM), NIT Calicut on 19 July 2023
2023	An expert lecture on “Internet of Things (IoT) in Supply Chain Management” was delivered as part of the Short-Term Training Programme (STTP) on “Digital Supply Chain Management (DSCM 2023)” organised by the Centre of Excellence in Logistics and Supply Chain Management (CoELSCM), NIT Calicut on 18 July 2023
2023	Delivered expert lecture on “Role of Data Science for sustainability” 3rd Digital Data Science Conclave 2023 organised by Data Science group (DSG), School of Computer Engineering Kalinga Institute of Industrial Technology, deemed to be university, (Institute of Eminence), Bhubaneswar Odisha 4 February 2023
2023	Delivered expert lecture on “Introduction to Multimodal Logistics and its relevance with PM Gati Shakti “, organised by IIMV through ATAL FDP, on 02-02-2023
2022	Delivered expert lecture on “AI Strategy for Leaders”, organised by TIH, IIT Roorkee
2022	Delivered lecture on “Logistics 4.0” in FDP organised by NIT Patna on 4 May 2022
2022	Delivered lecture on “Clustering Analysis” in ICSSR -FDP organised by Bhavan’s Vivekananda College of Science, Humanities and Commerce, Sainikpuri, Secunderabad,
2021	Delivered an online lecture on “Selecting a Peer-Reviewed/Refereed Journal for Quality Research and Scholarly Publication” at NIT Hamirpur on 22 January 2021 as part of the e-Workshop on “Quality Research and Scholarly Publications in Social Sciences.
2018	Delivered lecture on “Stages in Learning” in MHRD sponsored one-week TEQIP_III course on special summer workshop on “Active Learning, Autonomy, Academic Governance and R & D” held 2nd -6th July 2018 at IIT Roorkee.

<b>Year</b>	<b>Details of the Programme</b>
2018	Delivered lecture on “Project Based Learning” in MHRD sponsored one-week TEQIP_III course on special summer workshop on “Active Learning, Autonomy, Academic Governance and R & D” held during 18th -22nd June 2018 at IIT Roorkee.
2018	Delivered lecture on “Active Learning Techniques” in MHRD sponsored one-week TEQIP_III course on special summer workshop on “Active Learning, Autonomy, Academic Governance and R & D” held during 28th May-01st June 2018 at IIT Roorkee.

## **SHORT-TERM COURSE/ WORKSHOP ORGANISED**

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<b>Sl.No</b>	<b>Year</b>	<b>Details of the course</b>
1.	2021	AICTE Training and Learning (ATAL) Academy Programme On “Project Management” December 20-24, 2021, at IIT Roorkee
2.	2020	AICTE sponsored FDP on “Machine Learning Techniques, May 25 – 29, 2020, for 05 Days
3.	2018	MHRD sponsored a one-week TEQIP_III course on a special summer workshop on “Active Learning, Autonomy, Academic Governance and R & D” from 28 May to 31 June 2018 at IIT Roorkee.
4.	2018	MHRD sponsored a one-week TEQIP_III course on a special summer workshop on “Active Learning, Autonomy, Academic Governance and R & D” from 18 <sup>th</sup> -22 <sup>nd</sup> June 2018 at IIT Roorkee.
5.	2018	MHRD sponsored a one-week TEQIP_III course on a special summer workshop on “Active Learning, Autonomy, Academic Governance and R & D” from 2 <sup>nd</sup> -6 <sup>th</sup> July 2018 at IIT Roorkee.

Sl.No	Year	Details of the course
6.	2017	AICTE sponsored the short-term course “Econometrics with Application of ‘R’ Programming”, held on 3-7 July 2017 at the Continuing Education Center, IIT Roorkee.
7.	2017	A two-day “Business Analytics” workshop was held on 8 April,9,2017, at the Centre for Continuing Education, IIT Roorkee.
8.	2016	A one-day “Make in India: Importance of Operations and Supply Chain Management” workshop was held on 6 February 2016 at the Department of Management Studies, IIT Roorkee.
9.	2015	Organised a one-day brainstorming session on “ <b>Bio-medical waste management in India</b> ” sponsored by U-COST (Uttarakhand Council of Science and Technology, Govt. of Uttarakhand), Dehradun, Uttarakhand, held on 1 September 2015
10.	2014	A one-day “Six Sigma: Tools and Techniques” workshop was held on 12 December 2014 at the Department of Management Studies at IIT Roorkee.
11.	2014	Short-term course on “ <b>Big Data Analysis for Improving Business Performance</b> ” held on May 17-18, 2014, at Centre for Continuing Education, IIT Roorkee
12.	2013	Short-term “Advanced Data Analysis for Research” course at Centre for Continuing Education Centre (CEC), IIT Roorkee, May 18-19, 2013.
13.	2012	Faculty development programme on “ <b>Management Research Methodology</b> ” during June 18-23, 2012, at NIT Calicut, sponsored by the Ministry of Human Resource Development, India.
14.	2011	Faculty Development Programme on “ <b>Multivariate Data Analysis for Management Research</b> ” during July 18-22, 2011, at NIT Calicut, sponsored by the Ministry of Human Resource Development, India.