

CURRICULUM VITAE

VENKATARAMANAI AH SADDIKUTI Ph. D (S Venkat)

Associate Professor in Operations Management

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



1. EDUCATIONAL INFORMATION

Ph. D: Anna University –Chennai, September 2001 (**One-year Residency at Indian Institute of Management (IIM), Bangalore, India**)

(*Thesis: Design of cellular manufacturing systems with product ownership and fractional cells using search algorithms*)

M. Tech: Industrial Engineering, First class, Regional Engineering College (REC)/NIT Calicut, April 1991. (*Thesis: Spare parts inventory control in a paper and pulp industry*)

B. Tech: Mechanical Engineering, First Class with Distinction, Sri Venkateswara University, Tirupati, June 1989. (*Thesis: Design of a progressive die for a TV component*)

Postdoctoral Fellow, Singapore and MIT Alliance Program, Nanyang Technological University, Singapore. April 2002-November 2003.

2. PROFESSIONAL EXPERIENCE

May 2013- Present

Associate Professor, Operations Management
Indian Institute of Management Lucknow, India.

October 2012- May 2013

Associate Professor, Quantitative Methods and Operations Management
Indian Institute of Management Kozhikode, India.

Feb 2005- October 2012

Assistant Professor, Operations Management and Quantitative Techniques
Indian Institute of Management Indore, India.

August- December 2009

Fulbright Visiting Lecturer to W P Carey School of Business, Arizona State University, USA.

July –August 2009 and February 2010 (Three weeks)

Global Colloquium on “**Participant Centered Learning**” Harvard Business School, Boston, USA.

November 2003-February 2005

Assistant Professor (On Contract), Manufacturing Engineering, Indian Institute of Technology Madras, India.

May 2002- November 2003

Postdoctoral Research Fellow

Innovative Manufacturing Systems and Technology (IMST), Singapore-MIT Alliance (SMA) Program, Nanyang Technological University (NTU), Singapore.

September 2001- April 2002

Supply Chain Management (SCM) Lead Engineer

Honeywell Labs, Singapore.

March 1998- September 2001

Senior Lecturer, Industrial Engineering

Anna University, Chennai, India.

August 1998- June 1999

Research Associate, Production and Operations Management, Indian Institute of Management (IIM) Bangalore, India.

March 1992- March 1998

Lecturer, Industrial Engineering

Anna University, Chennai, India.

3. **RESEARCH EXPERIENCE**

Journal Publications						
Journal (ABDC)	Category	A*	A	B	C	Total
No of papers		1	4	3	12	20
International Conferences (Published/Presented)						47
National Conferences (Published/Presented)						14
Book Chapters						4
Papers under review/ Working papers/ Cases under submission						12
Total						97

Google Scholar Citations Summary (as on March 29, 2018)

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

	All	Since 2013
Citations	165	96
h-index	6	5
i10-index	5	3

3.1 **Book Chapters**

1. **Venkataramanaiah Saddikuti (2018)**, *Design of Focused Cellular Manufacturing System with a Remainder Cell: A Case Study*, in *Cellular Manufacturing Systems: Recent Developments, Analysis and Case Studies*, Edited by Gursel A. Suer and Mitsuo Gen, Nova Science Publishers, Inc, **ISBN: 978-1-53612-879-6**, pp: 139-156. https://www.novapublishers.com/catalog/product_info.php?products_id=63534
2. **Venkataramanaiah Saddikuti**, Mohan Gopalakrishnan and Saji Gopinath (2015), *“Innovative Approaches of Affordable Health Care in Emerging Economies”* in *Innovations in Healthcare Management: Cost-Effective and Sustainable Solutions*, Edited by V.K. Singh and Paul, Lillrank, CRC Press, Taylor & Francis group, **ISBN: 978-1-4822-5209-5**, pp: 245-260.

<https://www.crcpress.com/Innovations-in-Healthcare-Management-Cost-Effective-and-Sustainable-Solutions/Singh-Lilrank/p/book/9781482252101>

3. **Venkataramanaiah Saddikuti** (2007), "Outsourcing" in "Best business practices for global competitiveness", Sterling Publishers, New Delhi, 2007. **ISBN-10:** 8120732553, **ISBN-13:** 978-8120732551, pp: 167-209.

<https://books.google.co.in/books?id=HDu6ZNhcasoC&printsec=frontcover#v=onepage&q&f=false>

4. **Venkataramanaiah Saddikuti** (2007), Operational issues and models for outsourcing, in "Best business practices for global competitiveness", Sterling Publishers, New Delhi, 2007. **ISBN-10:** 8120732553, **ISBN-13:** 978-8120732551, pp: 210-261.

<https://books.google.co.in/books?id=HDu6ZNhcasoC&printsec=frontcover#v=onepage&q&f=false>

3.2 Peer Reviewed International Journal Publications

1. Thim Prætorius, Atanu Chaudhuri, **S Venkataramanaiah**, Peter Hasle and Prof. Ajai Singh, (2018), Achieving better integration in trauma care delivery in India: Insights from a patient survey, *Journal of Health Management*, Sage Publisher, Vol 20(3), July-Sept 2018 (**Category C as per IIM L**)
2. Chaudhuri, A., Prætorius, T and **Venkataramanaiah, S** (2018) iKure case iKure Techsoft: Providing technology enabled affordable health care in rural India, *Asian Case Research Journal*, World Scientific (**in Press Accepted on April 7, 2017, Category: C in ABDC**)
3. **Venkataramanaiah, Saddikuti** (2017), Service Delivery in a Religious Organisation: Model and Insights, *International Journal of Indian Culture and Business Management*, Indersciences, USA, Vol. 15 (4), pp: 445-476, (**Category B as per IIML**)
4. Sharma, S., Gaur, A., **Venkataramanaiah Saddikuti** and Rastogi, A (2017), Structural equation model (SEM)-neural network (NN) model for predicting quality determinants of e-learning management systems, *Behaviour and Information Technology*, Taylor and Francis, Vol 36 (10), 1053-1066. (**Category A in ABDC**)
5. **Venkataramanaiah, Saddikuti** (2016), What is New in Emergencies Trauma and Shock?: Calculating Costs for Disaster Preparedness, *Journal of Emergencies, Trauma and Shock*, Vol. 9, pp: 129-130. (**Impact factor/H Index 14, 2016, Category: C in Sicmago**)
6. **Venkataramanaiah, S.** and Ganesh Kumar, N (2016): Approaches for enhancing competitiveness of Moradabad Handicrafts Manufacturing Units, *International Journal of Technology Management and Sustainable Development*, Vol 15 (3), pp: 253-273. (**Impact factor: 0.42, 2015, Category: C in ABDC**)
7. Mukund N. J., Izabela N., Ponnambalam S.G., **Venkataramanaiah S**, (2016), Differential evolution algorithm for solving RALB problem using cost and time based

- models, *International Journal of Advanced Manufacturing Technology*, Vol.89 (1), pp:311-332. (**Impact factor: 1.568, 2015, Category: B in ABDC**)
8. **Venkataramanaiah, S.** and Ganesh Kumar, N (2011): Building Competitiveness: A Case of Handicrafts Manufacturing Cluster Units, *Indore Management Journal*, Vol. 3 (2), pp: 27-37. (**Impact factor: 2.964, 2015, Category: C1 in IIM L**)
 9. Bhatnagar, R and **Saddikuti, V.** (2010): Models for Cellular Manufacturing Systems Design: Matching Processing Requirements and Operator Capabilities, *Journal of Operational Research Society, UK*, Vol. 61(5), pp: 827-839. (**Impact factor: 1.70, 2010, Category: A in ABDC**)
 10. M. K Pandey, R K Singh, **S Venkataramanaiah** and M K Tiwari (2010), Sequential metamodeling applications to improve pothole die design, *Journal of Engineering Manufacture*, Vol 224, p. 279-295. (**Impact factor: 0.978, 2016, Category: C in IIML**)
 11. Parashar, S.P and **Venkataramanaiah, S** (2008) Operationalisation of an Auto Cluster Project: Indian Experience, *International Journal of Indian Culture and Business Management*, Indersciences, USA, Vol. 1 (4), pp: 475-485. (**Impact factor: 0.64, 2008, Category: C in ABDC**)
 12. Mahadevan, B. and **Venkataramanaiah, S.** (2008), Realigning research objectives in Cellular Manufacturing System Design: A users' perspective, *Technology Operations and Management*, McMillan, Vol. 1 (1), pp: 17-29. (**Impact factor: NA, Category: C in IIML**)
 13. **Venkataramanaiah, S** (2008): Scheduling in Cellular Manufacturing Systems: A Heuristic Approach, *International Journal of Production Research*, Taylor & Francis, Vol. 46(2), pp: 429-449. (**Impact factor: 2.55, 2015, Category: A in ABDC**)
 14. **Venkataramanaiah, S.** and Parashar, S.P (2007), Enhancing the competitiveness of SMEs through industrial clusters: the Indian experience, *International Journal of Technology Management and Sustainable Development*, UK, Intellect, Vol. 6 (3), pp: 227-243. (**Impact factor: 0.64, 2007, Category: C in ABDC**)
 15. Rohit Bhatnagar, **Venkataramanaiah, S** and Anand, R (2007): A model for contingent manpower planning: Insights from a high clockspeed Industry, *International Journal of Production Research*. Taylor & Francis, Vol. 45 (9), pp: 2051-2072. (**Impact factor: 2.55, 2015, Category: A in ABDC**)
 16. Xiong, M.H., Tor, S.B., Rohit Bhatnagar, Khoo, L.P. and **Venkat, S.R.** (2006): A DSS approach for customer enquiry handling at manufacturing stage for SMEs, *International Journal of Production Economics*, Elsevier, Vol. 103, pp: 332-346. (**Impact factor: 4.34, 2015, Category: A* in ABDC**)
 17. **Venkataramanaiah, S** and Krishnaiah, K (2002): Hybrid heuristic for design of cellular manufacturing, *Journal of production planning and control*, Taylor & Francis Vol.13 (3), pp: 274-283. (**Impact factor: 1.5, 2015, Category: B in ABDC**)
 18. **Venkataramanaiah, S** Krishnaiah, K and Satyanarayana Rao, S (2000): A Heuristic algorithm for fractional cell design in cellular manufacturing, *International journal of*

management and systems, Vol. 16 (3), Sept-Dec 2000, pp: 305-332. (**Impact factor: NA, Category: C in IIML**)

3.3 Peed Reviewed National Journal Publications

19. **Venkataramanaiah, S.** and Adelina Gnanelet, A (2004): Database development for Productivity analysis –A case of food processing industry, *IIIE Journal*, Vol. 33(5), pp: 3-9. (**Impact factor: NA, Category: C in IIML**)
20. **Venkataramanaiah, S.,** Krishnaiah, K and Pichandi, R (2001): Management of WIP inventory in JIT environment under cellular layout, *Journal of Industrial and Scientific Research*, Vol 60. pp: 256-263. (**Impact factor: NA, Category: C in IIML**)

3.4 Paper under Review Papers under Submission/ Working Papers

1. Sundar B and **Venkataramanaiah, S** (2018), A PESTLE Perspective of Electronic Government (e-Government) in Andhra Pradesh, India, *Information Technology & Management (ITEM)*.
2. Sundar B and **Venkataramanaiah, S** (2018), Impact of IT enabled services on the State Gross Domestic Product (GDP): A case of Andhra Pradesh- India.
3. **Venkataramanaiah Saddikuti** (2018), Productivity Assessment and Improvement of Handicrafts Manufacturing Units using Process Flow and Time Study Analysis: A Case Study.
4. **Venkataramanaiah Saddikuti** and Ajai Singh (2017), Model for Manpower Planning at an Emergency Department in a Public Medical University Hospital in India.
5. **Venkataramanaiah S,** Vijaydeep Siddharth, Kanika Jain and Sidhartha Satpathy (2017), Design of Inventory System for Surgical Items: A Case study.
6. **Venkataramanaiah S,** Saji Gopinath and Mohan Gopalakrishnan (2017), Design and Delivery of Affordable Health Care in Emerging Economies: A Case Study.
7. **Venkataramanaiah S,** Mustafa P, Swapnil Jain and Gopal G (2016), Assessment of Quality of Life (QoL) of Pacemaker Patients from Central India: A field Study.
8. **Venkataramanaiah S,** Rahul G, Abhishek Tiwari Swapnil Jain and Gopal G (2016), Economies of scale in eye care: learnings from selected eye hospitals.
9. **Venkataramanaiah S,** Mahadevan B and Amit Agrahari (2016), e-procurement at a religious organisation, Case study.
10. **Venkataramanaiah S** and Satyabushan Dash (2016), Manpower optimisation in a helicopter service company, Case Study
11. **Venkataramanaiah S,** Satyabushan Dash and Meghna Rishi (2016), Marketing Coir Products in India: Exploring the barriers to adoption
12. **Venkataramanaiah S,** Rohit Joshi et al (2016), Ananya Seeds: A Prodigious Start-up, Case Study.

3.5 International Conferences

1. **Venkataramanaiah Saddikuti**, Rahul Gope and Yujata Pasricha (2017), Economies of scale in eye care: learning from selected eye hospitals (Optimizing production line, bridging the delivery gap), *POMS 2017 Annual Conference*, Seattle, Washington, USA, May 5-8, 2017.
2. **Venkataramanaiah Saddikuti** and Debabrata Das (2017), Design of DSS for forecasting demand for food at a religious organisation, *POMS 2017 Annual Conference*, Seattle, Washington, USA, May 5-8, 2017.
3. Sundar Balakrishnan and **Venkataramanaiah Saddikuti** (2017), PESTEL Perspective of electronic government (e-government)-the case of Andhra Pradesh, *POMS 2017 Annual Conference*, Seattle, Washington, USA, May 5-8, 2017.
4. **Venkataramanaiah, Saddikuti and** Sundar Balakrishnan (2016), Impact of IT enabled services on the State Gross Domestic Product (GDP): A case of Andhra Pradesh-India, 27th Annual Conference, POMS USA, Orlando, May 6-9, 2016.
5. **Venkataramanaiah Saddikuti** and Ajai Singh (2016), Model for Manpower Planning at an Emergency Department in a Public Medical University Hospital in India, 27th Annual Conference, POMS USA, Orlando, May 6-9, 2016.
6. **Venkataramanaiah, S.,** Nidhi Verma and Ganesh Kumar, N (2015), Approaches for Enhancing Competitiveness of Moradabad Handicraft Manufacturing Units, 4th Biennial Conference of Indian Academy of Management, IIM Lucknow, December 11-13, 2015.
7. **Venkataramanaiah, S,** Vijaydeep Siddharth, Kanika Jain, Sidhartha Satpathy and Nipun Rai Handa (2015), Design of Inventory System for Surgical Items: A Case study, 3rd PAN IIM World Management Conference, IIM Indore, December 16-18, 2015.
8. **Venkataramanaiah S.,** Mohan M and Rita James (2014), Market Approaches for Health Care Delivery in Emerging Economies: A Case Study, Annual Conference of the Emerging Markets Conference Board, IIM Lucknow, India, January 8-11, 2014.
9. **Venkataramanaiah S** and Mohan M (2014), Logistics Management in Religious Organisations: Managerial Insights, Second PAN IIM World Management Conference 2014, IIM Kozhikode, India, November 3-5, 2014.
10. **Venkataramanaiah, S (2013)**, Multi-criteria decision making model for supplier selection with life cycle characteristics, 17th Annual International Conference of Society of Operations Management, IIT Madras, India. 21-23 December 2013.
11. **Venkataramanaiah, S (2012)**, Managing ramp-up in demand with workforce learning and product yield, 16th Annual International Conference of Society of Operations Management, IIT Delhi, India. 21-23 December 2012.
12. **Venkataramanaiah, S.,** Saji Gopinath and Mohan Gopalakrishnan (2012), Delivery of Affordable Health Care in Emerging Economies: Challenges and Opportunities, A Theme based invited session, Decision Sciences Institute (DSI) Annual Conference, San Francisco, USA, November 17-20, 2012.

13. **Venkataramanaiah, S** and Ganesh Kumar, N (2012), Building Competitiveness through cluster approach: A case of handicrafts manufacturing, Strategic Management Forum (SMF) Conference, IIM Indore. India, 3-5 May 2012.
14. **Venkataramanaiah, S** (2010), Productivity Management: Case of Handicrafts Manufacturing Units, 14th Annual International Conference of Society of Operations Management, NITIE Mumbai, India. 18-21 December 2010.
15. Gopalakrishnan, M, **Saddikuti V** and Verdini W (2009), Manufacturing and Distribution Issues in a Medical Device Supply Chain- Case of an Indian Pacemaker, 13th Annual International Conference of Society of Operations Management, IIT Madras, Chennai, India. 21-23 December 2009.
16. **Venkataramanaiah, S** and Saji, G (2008), Flowshop Scheduling with Machine and Tool Failures, 12th Annual International conference of Society of Operations Management, IIT Kanpur, Kanpur, India. 18-20 December 2008.
17. **Venkat, S** and Karthikeyan, S (2008), Logistics Cost Management: A Case of Indian Steel Company, *International conference on Logistics and SCM 2008*, PSG Tech, Coimbatore, 7-9 August 2008. India.
18. **Venkat, S** and Ravindra, N. P (2008), Managerial Decision Making Framework and Multi-Criteria Decision Making Model for Sourcing In Global Environment", *International conference on Globalisation and Emerging Economies*, IIM Indore, 11-13 August 2008.
19. **Venkataramanaiah, Saddikuti** (2007), Design and Analysis of Inventory control systems for SMEs, *XI Annual International Conference of Society of Operations Management*, 21-23 Dec 2007 Nashik, India.
20. **Venkataramanaiah Saddikuti** (2007), Models for effects of Manufacturing Marketing Environment on Manpower Planning, *POMS 2007*, May 4-7, Dallas, USA.
21. **Venkataramanaiah Saddikuti** (2007), Scheduling in Cellular Manufacturing, *International Conference on Business Optimisation Research Wave*, 15-17 February 2007, NITIE Mumbai, India.
22. **Venkataramanaiah, S** and Rohit Bhatnagar (2006), Design of Cellular Manufacturing Systems with Machine and Operator Resources, *X Annual Conference of Society of Operations Management (SOM)*, 21-23 Dec 2006, IIM Ahmedabad, India.
23. **Venkataramanaiah, S** and Vipul Agarwal (2006), Models for Supplier Capacity Planning – A Case, *4th AIMS Annual Conference*, 28-31 Dec 2006, IIM Indore, India.
24. Parashar, S.P. and **Venkataramanaiah, S** (2006), Enhancing competitiveness of SMEs through Industrial Clusters- Indian Experience, *3rd International conference on Triple Helix Paradigm for Development: Strategies for Co-operation and Exchange of Good Practice*, Bristol Business School, University of The West of England, Bristol, 18-19 September, 2006.
25. **Venkataramanaiah, S** and Rohit Bhatnagar (2005): Comparative Evaluation of Efficiency Measures and Development of a new Efficiency Measure for Design of

Cellular Manufacturing Systems, *Society of Operations Management (SOM) International Conference*, Pondicherry, 16-18 Dec 2005.

26. **Venkataramanaiah, S** and Rohit Bhatnagar (2005): Worker Flexibility: A case of High Clockspeed Industry, *International Conference on Operations and Quantitative Management (ICOQM-VI)*, IIM Indore, 9-11 August 2005.
27. **Venkataramanaiah, S** and Rohit Bhatnagar (2004): A Study on selected similarity coefficients in Cellular Manufacturing Systems, *Conference on Advances in Materials and Manufacturing Technology (CAMMT-2004)*, April 2004, IIT Madras.
28. **Venkataramanaiah, S** and Rohit Bhatnagar (2004): Comparative evaluation of efficiency measures in CMS, *International Conference on Responsive Supply Chains (RSC-2004)*, January 2004, CIT, Coimbatore.
29. Xiong, M.H., Tor, S.B., Rohit Bhatnagar and **Venkat, S.R.** (2004): A DSS model for profit maximization of customer enquiry evaluation at manufacturing stage for SMEs, *SMA Annual Symposium*, January 2004, NTU, Singapore.
30. Rohit Bhatnagar and **Venkataramanaiah, S** (2003): Alternative approaches for design of CMS, *INFORMS*, October 2003, Atlanta, USA.
31. **Venkataramanaiah, S** (2003): Loading and scheduling in cellular manufacturing systems: A heuristic approach, *Group Technology/Cellular Manufacturing World Symposium 2003, Ohio USA*.
32. **Venkataramanaiah, S** and Rohit Bhatnagar (2003): A model for contingent manpower planning: Insights from a high clockspeed industry, *SMA Annual Symposium, Nanyang Technological University*, January 2003, Singapore
33. Xiong, M.H., Tor, S.B., Rohit Bhatnagar and **Venkat, S.R.** (2003): Framework to managing customer enquiries for SMEs, *SMA Annual Symposium, Nanyang Technological University* January 2003, Singapore
34. **Venkataramanaiah, S** and Rohit Bhatnagar (2002): Design of CMS for set-up time reduction, *International conference on Production Research (ICPR)-2003*, Virginia Tech, Black Burg, USA.
35. Rohit Bhatnagar and **Venkataramanaiah, S** (2002): A model for contingent manpower planning: Insights for a high clockspeed industry, *INFORMS 2002*, San-Jose, USA
36. **Venkataramanaiah, S.**, Krishnaiah, K and Srinivasa Rao, J (2001): Sales order processing cycle time reduction- A case, *International conference on Logistics and SCM-2001*, Coimbatore.
37. **Venkataramanaiah, S** and Ramaraj, M (2001): BPR applied to Service organisation, *International conference on Logistics and SCM-2001*, Singapore
38. Mahadevan, B., **Venkataramanaiah, S.** and Janat Shah. (2000). "Design of a cellular manufacturing system for a product oriented plant". *Third International Conference on Operations and Quantitative Methods*, University of Western Sydney, Australia, December 17 - 20, 2000 pp 44 - 60.

39. **Venkataramanaiah, S.** and Krishnaiah, K (2000): Study of the effect of critical parameters in fractional cell design. IFAMS-2000, Coimbatore, Jan. 2000
40. **Venkataramanaiah, S.** and Krishnaiah, K (2000): Design of Cellular Manufacturing Systems with a remainder cell: A heuristic approach, *Special International conference on Production Research*, Bangkok, August 2000
41. Himanshu, B., Prabhakar, M., Roshan, P. F. and **Venkataramanaiah, S.** (2000): Simulation of multi-product inventory- A Case, *Special International conference on Production Research*, Bangkok, August 2000.
42. **Venkataramanaiah, S.** Himanshu, B. Prabhakar, M. Roshan F.P. and Krishnaiah, K. (2000): Design of Cellular Manufacturing Systems - A case study *ORSI-conference*, December 2000, Ahmedabad.
43. **Venkataramanaiah, S.** Krishnaiah, K. and Babu, G. (2000): Design of cellular manufacturing systems for multiple objectives - A simulated annealing approach, *AIMTDR*, December, 2000, Chennai
44. **Venkataramanaiah, S.** and Krishnaiah, K (1999): Study of effect of critical parameters in Group Technology cell design, *Production and Operations Management Society (POMS) -1999*, IIT Delhi, Dec 1999.
45. Himanshu, B., Prabhakar, M., Roshan, P. F. and **Venkataramanaiah, S.** (1999): Simulation of a Dispatch module- A case, *ORSI-International Conference*, Tirupati, Dec.1999.
46. **Venkataramanaiah, S.,** Mahadevan, B. and Janat Shah (1998). "Conversion of functionally organised manufacturing system into product focused cellular manufacturing system: A heuristic approach". *Second International Conference of the Operations Management Group*. December 1998, Bangalore, INDIA.
47. **Venkataramanaiah, S.** and Srinivasulu, R. (1997): Design of JIT based production System in a valve manufacturing company, *ORSI Annual conference* Jemshedpur, Dec. 1997.

3.6 National Conferences

1. **Venkataramanaiah, S** (2006): Production, Factory location, Design and layout of small business, choice of appropriate technology, National workshop on Small Business Management, LNCT, Bhopal (Invited talk), March 2006.
2. **Venkataramanaiah, S.,** Rohit Bhatnagar and Chandramohan, M (2004): A model for blending operations- A Case, *Advances in Mechanical Engg.*, Sri Venkateswara University, Tirupati.
3. **Venkataramanaiah, S** and Ramaraj, M (2001): Building Competitiveness through Customer relationship- A case study, *National seminar on Customer relationship management*, February, 2001, Chennai
4. **Venkataramanaiah, S.** and. Kamalnathan B (2000): Current Good Manufacturing Practices- A case study, *IIIE Annual conference*, October 2000, Coimbatore

5. **Venkataramanaiah, S.** and Bhaskar, N. (1999): Process Capability –A case study, *IIIE Annual conference*, Visakapatnam, Dec. 1999
6. **Venkataramanaiah, S.** and Shanmugam, N. (1998): Karmarkar Mid-point method for LPP, *Industrial Engineering in 21st Century*, Tirupati, Jan 1998
7. **Venkataramanaiah, S.** and Ravi Kumar T. (1998): Foundry process capability - A case, *IIIE Annual conference*, Delhi, Nov. 1998
8. **Venkataramanaiah, S.** and Rajesh, N. (1997): Low cost automation, *IIIE Annual conference*, Durgapur, Dec. 1997
9. **Venkataramanaiah, S.** Anand, R. and Pichandi, R. (1997): Cost reduction through inventory control- A case study, *IIFE Conference*, Chennai, Dec 1997
10. **Venkataramanaiah, S.** and Suresh kumar, P. (1996): Information System for productivity monitoring – A case study, *IIIE Annual conference*, Bombay Dec. 1996
11. **Venkataramanaiah, S.** and Prema Kumari, T. (1995): Material Control information system- A case study, *IIIE Annual conference*, Chennai Oct. 1995
12. **Venkataramanaiah, S.** and Suresh, M. (1994): Computers in Production Scheduling and Control- A case study, *IIIE Annual conference*, Bangalore Oct. 1994
13. **Venkataramanaiah, S.** and Dutta, K.N. (1993): Spare parts Inventory control – A case study, *IIIE Annual conference*, Hyderabad Oct. 1993
14. **Venkataramanaiah, S.** and Parthasarathy, S.T. (1993): Spares and consumable Inventory control – A case study, *IIIE Annual conference*, Hyderabad Oct. 1993.

3.7 Sponsored / Collaborative Research Projects

1. **Innovative Healthcare Collaboration**, in collaboration with KGMU Lucknow and Aalborg University Denmark (March 2015- February 2016).
2. **Engineering Driven Sustainable Supply Network Design**, In collaboration with University of Cambridge, UK and Indian Institute of Technology, Ropar, India (December 2014- December 2017).
3. **Design Support System for Conversion of functionally organized manufacturing system into focused cellular systems**- Funded by AICTE, New Delhi (January 1999- August 2001).

3.8 Current Research Interests

1. Design and Analysis of Healthcare Supply Chains
2. Operations in Religious Organisations
3. Sustainable Supply Chain Design and Analysis
4. Sourcing and Supply Management, Electronic Procurement
5. Operations Scheduling for energy efficiency
6. Manpower Planning Models in Manufacturing and Services
7. MSME Clusters and Competitiveness

4. TEACHING, EXECUTIVE DEVELOPMENT & CONSULTING ACTIVITIES

4.1 Courses Taught/Teaching (at MBA and Research Programme level since June 2013)

Course Name	Programme
Core (Required) Courses	
Operations Management	One Year EMBA, 2.5 Year EMBA, Two Year MBA in Sustainable Mgt. Executive Research Programme
Supply Chain Management	Two Year MBA (PGP)
Sustainable Supply Chain Management	Two Year MBA in Sustainable Mgt.
Elective Courses	
Service Operations Management	2.5 Year EMBA, Executive Research Programme
Global Supply Chain Management	One Year EMBA, 2.5 Year EMBA
Supply Chain Modelling	Executive Research Programme
Healthcare Operations Management	Two Year MBA

4.2 Executive Development Programs (EDPs) Offered

1. Supply Chain Analytics
2. Sustainable Supply Chain Management
3. Competing through Operations
4. Design and Delivery of Affordable Healthcare
5. Logistics and Supply Chain Management
6. Supply Chain Management
7. Excellence in Manufacturing
8. Excellence in Service operations
9. Excellence in Service and Manufacturing Operations through Lean Principles

4.3 In-Company EDPs Offered (Designed and Delivered) (Selected list)

1. Operational and Marketing Excellence for IOCL Dealers, Sept 4-5, 2017. IOCL, Tirupati Division, Tirupati.
2. Sourcing and Supply Management, GE-SBI Cards, January 29, 2016, Gurgaon.
3. Operational and Marketing Excellence for IOCL Dealers, June 30-July 1, 2016. IOCL, Tirupati Division, Tirupati.
4. Operational and Marketing Excellence for IOCL Dealers, Sept 12-13, 2016. IOCL, Tirupati Division, Tirupati.
5. General Management Development Programme for Executives of Defense Production, DRDO New Delhi, 8-12 October 2012, IIM Indore.
6. General Management Development Programme for Executives of Godrej India Ltd, 29-30 September 2008 and 3-4 October 2008, Mumbai, India.

7. Advanced Management Programme on Materials Management and SCM – SAIL, 7-12 April 2008, IIM Indore, India.
8. General Management Programme for Middle and Senior Level Managers, Honeywell Automation India Ltd (HAIL), Feb- Oct 2006 and Jun-Aug 2007, Pune, India.
9. General Management Programme for Middle and Senior Level Managers, National Thermal Power Corporation (NTPC) Ltd, 21 Aug- 2 Sept 2006, 26 Nov- 6 Dec 2007, 14-24 Jan 2008
10. Young Engineers Development Programme, AVTEC Ltd, Indore, 23-30 Nov 2006 & 24-30 Sept 2007)
11. Manufacturing Excellence for Middle and Senior Level Managers, Tata Motors Ltd, Mumbai, 20 Dec 2007.
12. Performance Management Programme for Senior Level Managers, Indian Oil Corporation, Bongaigaon Refinery, 25-29 September 2007.
13. General Management Programme for Middle and Senior Level Managers, Ramco Industries Ltd, Indore, 5-7 September 2006.

4.4 Consultancy Assignments/Projects Completed

1. Modelling an information flow based decision support system-Agriculture, Agro Rhythem, Chennai. July 2017.
2. Prospects and Possibilities of Coir Industry in the State of Uttar Pradesh, Coir Board, Ministry of MSME, Government of India, New Delhi, July 2016.
3. Operations Research Models for Manpower Planning, Pawan Hans Helicopters Ltd, New Delhi. May 2016
4. Study and Improvement of e-procurement process at Marketing Department of TTD, Tirupati. March 2016.
5. Time and Motion Study to Improve the Productivity of Moradabad Cluster, Ministry of Textiles, GoI, New Delhi. February 2012.
6. Evaluation of Micro Irrigation Projects of Madhya Pradesh, Department of Horticulture and Forestry, Madhya Pradesh, Bhopal. December 2010.
7. Operationalization of Pithampur Auto Cluster, Government of India and Government of Madhya Pradesh, October 2008.
8. Diagnostic Study about Relevance and Future Viability of Madhya Pradesh Finance Corporation (MPFC), Madhya Pradesh, Indore. August 2007.

5. ACADEMIC HONORS AND AWARDS

1. Devanga Mehta **Best Teacher Award** in Operations Management, December 2011.
2. **Fulbright Visiting Scholar**, W P Carey School of Business, Arizona State University, USA, August-December 2009.
3. Global Colloquium on **Participant Centered Learning**, HBS, Boston, USA. July 25-August 5 2009 and Feb 9-12, 2010.
4. **Distinguished Service Award**, AIMS International, USA, December 2008.
5. Quality Circle award for **distinguished teaching**- Anna University, Chennai, April 1994.

6. ACADEMIC ADMINISTRATION/INSTITUTION BUILDING ACTIVITIES

1. Coordinator, Infrastructure Business Development, IIM Lucknow (Apr 2016- Feb 2017)
2. Chairperson, Placements, One Year EMBA Programme, IIM Lucknow (2014-2016).
3. Chairman, Admissions- Two Year MBA Programme, IIM Indore (2010-2012)
4. Chairman, Admissions- Five Year Integrated MBA, IIM Indore (2011-2012).
5. Chairman, Admissions- Two Year MBA Programme, IIM Udaipur (2011).
6. Chairman, Admissions- Two Year MBA Programme, IIM Raipur (2010).
7. Coordinator- Two Year MBA Programme, IIM Raipur (2010).
8. Member Admissions and Financial Aid Committee, IIM Indore (2005-2010).
9. Member Editorial Board- Indore Management Journal (2007-2010).
10. Member, Disciplinary Committee, IIM Indore (2008-2012).

7. INDUSTRY INSTITUTE INTERACTION

7.1 Healthcare and Service Organisations

Aditya Jyot Eye Hospital, Mumbai, India
All India Institute of Medical Sciences (AIIMS) New Delhi, India
Army Medical Corp- Officers Training College, Lucknow, India
Apollo Hospitals Chennai, India
Aravind Eye Care System, Madurai, India
Hardia Eye Hospital and Research Centre, Indore, India
Indo-US Emergency Medical (INDUSEM), USA
Institute for Electronic Governance, Government of Andhra Pradesh, Vijayawada, India.
King George's Medical University (KGMU), Lucknow, India
Pawan Hans Helicopters Ltd, New Delhi, India
Santosh University, Ghaziabad/New Delhi, India
Shree Pacetronix Ltd, Indore, India
Tirupati Tirumala Devasthanams (TTD), Tirupati, India

7.2 Manufacturing (including food processing) Organisations

Ananya Seeds Private Ltd, New Delhi, India
Agro Rhythm, Chennai, India.
Audco Valves Limited, Chennai, India.
AVTEC Ltd, Indore, India
Bharat Electronics Ltd, Chennai, India
Binny Engineering Ltd, Chennai, India
Brakes India Ltd, Chennai, India
Britannia Industries Ltd, Chennai, India
Eicher Motors, Chennai, India
Enfield India, Chennai, India
English Electric, Chennai, India
Gwalior Rayons, Calicut, India
Hindustan Motors, Chennai, India
India Pistons Ltd, Chennai, India

Indian Oil Corporation Limited, India
KCP- Ltd, Chennai, India
Lucas-TVS, Chennai, India
Maral Overseas Ltd, Chennai, India
Pawan Hans Helicopters Ltd, India
Pratibha Syntex, Indore, India
Southern Structural Ltd, Chennai, India
Tata International, Chennai, India
TI Cycles, Chennai, India
Tribology India Ltd, Chennai, India
WS Industries Ltd, Chennai, India

7.3 Government/ Public Sector Organisations

Coir Board India, Kochi, India
Indian Oil Corporation Ltd (IOCL), New Delhi, India
Madhya Pradesh Finance Corporation (MPFC), Indore, India
Steel Authority of India Limited (SAIL), New Delhi, India
Uttar Pradesh Medical Supply Council (UPMSC), Lucknow, India.

7.4 Multi-National / Joint Venture Companies

Apple Computers, Singapore
Honeywell Automation Ltd, Pune, India
L & T –CASE, Indore, India
Shell Refineries, Singapore
Saint Gobain, Chennai, India
Tata Motors Ltd, Mumbai, India

8. INDUSTRY BASED PROJECTS CARRIED OUT (SELECTED LIST)

1. Manpower planning in Aviation Industry
2. Manpower planning in healthcare organisations
3. Study of operator skills and manpower allocation in service organisations
4. Optimal models for blending of crude components at a refinery
5. Model for Contingent manpower planning in high clockspeed industry
6. Evaluation of machine shop layout
7. Integrated logistics, Alarm Management Systems
8. Design of Information System for Material Management
9. Productivity measurement in food processing industry
10. Application of Re-Engineering to service organization
11. Current good manufacturing practices for pharmaceutical industry-A case
12. Simulation of JIT production system - A case study
13. Preparing a company for ISO 9000 certification
14. Inventory control in a production shop - A Case
15. Computer aided production planning and control

16. Information system for productivity monitoring
17. Inventory control of consumables and spare parts
18. Spare Parts Inventory control- In Pulp and Paper Industry
19. Statistical process control - A case study
20. Process capability - A case study
21. Simulation of a dispatch module - A case
22. Material control system - A case study

9. INVITED TALKS DELIVERED AND SESSIONS CHAIRED (Selected list)

9.1 Invited Talks Delivered

1. Quantitative Decision Making in Technology Induction and Management, Technology trends in Healthcare Delivery, Three day conference, Army Medical Corps, September 14-16, 2016, Lucknow.
2. Excellence in Service Operations: Lessons from Aravind Eye Hospital, Vidya Niketan University, Tirupati.
3. Make in India Challenges and Opportunities for SMEs, DICCI Annual Leadership summit, June 2-4, 2015, IIM Lucknow.
4. Innovations in Affordable Healthcare Delivery, Xth International pre-conference summit on Sustainable Healthcare, Indo-US Emergency Medicine, October 14-15, 2014, IIM Lucknow.
5. Design and Delivery of Affordable Health Care: Challenges and Opportunities, Theme based Session, DSI Annual Conference, San Francisco, USA, November 17-20, 2012.
6. Workforce Planning models and Pedagogical issues in Operations Management, Industrial and Systems Engineering, Russ College of Engineering and Technology, Ohio University, USA. December 14, 2009.
7. Operations Management: Insights from Developing Economies, Jesse H Jones School of Business, Texas Southern University, Houston, USA. November 16, 2009.
8. Excellence in Service Operations: Insights from an Indian Case, Department of Decision Sciences, Drexel University, USA, November 14, 2009.
9. Trends and research issues in Logistics and Supply Chain Management, School of Management, 7 August 2008, Pondicherry University, Pondicherry, India.
10. Advances and Research issues in Cellular Manufacturing Systems, 7 May 2007, Ohio University, USA.
11. Research issues in Operations Management, National Conference on Research issues in Operations Management, 24 March 2008, IBS Hyderabad, India.
12. Operations Research and Management Science Models for Judicial Systems Management, October 2006, National Judicial Academy, Bhopal, India.
13. Production, Factory location, Design and layout of small business, choice of appropriate technology, National workshop on Small Business Management, March 2006, Bhopal, India.

9.2 Sessions Chaired/ panel member/ moderator (Selected ones)

1. Moderator of Panel Discussion on “**Innovations in Healthcare Delivery**”, International Conference of InnovatioCuris, 4-5 February, 2016, New Delhi.
2. Moderator of Panel discussion on “**Innovations in Affordable Healthcare Delivery for Bottom of the Pyramid Consumers**” Academic Leadership for Healthcare delivery, Annual Awards of MedAchievers, 29 December, 2015 IIM Lucknow.
3. Session Chair on “**Operations and for competitive Advantage**”, 4th Biennial Conference of Indian Academy of Management, 11-13 December, 2015 IIM Lucknow.
4. Moderator of Panel discussion on “**Economics of Bridging Technology with Healthcare**” 30, September - 1 October, 2015, INDUSEM 2015, AIIMS New Delhi.
5. Panel Member on “**Best Practices and HealthCare Sustainability: The Way Forward**”, HealthCare2014 Sustainability Summit, October 15-16, 2014 IIM Lucknow.
6. International Conference on “**Globalisation and Emerging Economies**”, 11-13 August 2008, IIM Indore, India.
7. International Conference on “**Logistics and Supply Chain Management**”, ILSCM 2008, PSG Tech, Coimbatore, 7-9 August 2008.
8. AIMS International Conference on “**Excellence in Service Operations**”, December 2007, IBS, Hyderabad, India.
9. National workshop on **Small Business Management**, Bhopal, March 2006
10. AIMS International Conference, December 2006, IIM Indore.

10. CONFERENCES AND RESEARCH WORKSHOPS ORGANISED

1. 5th PAN IIM World Management Conference on “**The making of Digital India: Management Perspective**”, December 14-16, 2017, IIM Lucknow, India.
2. One day Summit on **Healthcare and Academic Leadership**, Annual Awards of MedAchievers, December 29, 2015, IIM Lucknow.
3. Two day Summit on “**Emergency Medicine: Economics of Bridging Technology with Healthcare**”, 11th Annual Conference of Indo-US Emergency Medicine (INDUSEM), 30 September - 1 October, 2015, INDUSEM 2015, AIIMS New Delhi.
4. Research workshop on “**Innovative Healthcare Collaboration**”, Indo-Danish Collaborative Research Project, May 9, 2015, New Delhi.
5. One day Summit on “**Make in India: Challenges and Opportunities for MSMEs**”, March 2, 2015, IIM Lucknow.
6. One day Summit on “**Make in India: Challenges and Opportunities for MSMEs**”, December 31, 2014, IIM Lucknow.
7. Two day Summit on “**Sustainable Healthcare Delivery: Policy2Practice**”, 10th Annual Conference of Indo-US Emergency Medicine (INDUSEM), October 16-17, 2014, IIM Lucknow.

11. OVERSEAS EXPERIENCE/ASSIGNMENTS

1. **Innovative Collaboration in Healthcare**, Collaborative Research Project, Aalborg University, Denmark (March 2015-February 2016).
2. **Fulbright Visiting Scholar**, W P Carey School of Business, Arizona State University, USA, August-December 2009.
3. Undergone three-week training on **Global Participant Centered Learning** at Harvard Business School, USA. (July-August 2009 and February 2010).
4. **Research Fellow**, Singapore-MIT Alliance (SMA) Program, Nanyang Business School, Nanyang Technological University, Singapore, May 2002- November 2003.
5. **SCM Lead Engineer**, Honeywell Labs, Singapore, September 2001- April 2002.

12. MEMBERSHIP IN PROFESSIONAL BODIES

Integrated Association of MSMEs of India (IamSMEofIndia), India
Annual Member, Production and Operations Management Society (POMS), USA
Life Member- Society of Operations Management (SOM), India
Life Member – ISTE – India



S.Venkataramanaiah