

Resume

Dr Chandrasekharan Rajendran
Professor & RAGS Family Foundation Institute Chair
Department of Management Studies
Indian Institute of Technology Madras, Chennai, 600 036, India

Specialization/ Areas of Interest

Industrial Engineering, Production and Operations Management, Supply Chain Management, and Quality Management. Especially related to Scheduling in Manufacturing and Service Systems, Supply Chain Network, Inventory and Logistics Management, Empirical Studies on Quality, Heuristics and Meta-heuristics (such as genetic algorithms, simulated annealing and swarm intelligence), and Simulation Modelling and Applications.

Academic Qualifications

Dr.rer.pol.h.c. in Business Administration and Economics from University of Passau, Germany

PhD in Industrial Engineering and Management from IIT Madras (1991) (Supervisor: Prof. Dipak Chaudhuri Title: Algorithms for Scheduling in Flowshops to Minimize Total Flowtime)

ME in Industrial Engineering from College of Engineering, Guindy, Anna University (1984)

BE(Honours) in Mechanical Engineering from College of Engineering, Guindy, University of Madras (1982)

Professional Experience

RAGS Family Foundation Institute Chair, IIT Madras – 2016-Till date

Head of the Department of Management Studies, IIT Madras –2008-2011

Professor, Department of Management Studies, IIT Madras – 2004 – Till date

Professor, Department of Humanities and Social Sciences, IIT Madras – 2000-2004

Associate Professor, Department of Humanities and Social Sciences, IIT Madras – 1997-2000

Assistant Professor, Department of Humanities and Social Sciences, IIT Madras – 1992-1997

Lecturer, Department of Humanities and Social Sciences, IIT Madras – 1987-1992

Teaching/ Research Fellow, Department of Industrial Engineering, College of Engineering, Guindy, Anna University – 1984-1985

Academic Distinctions

1. Stood third in the State of Tamil Nadu in 1976 among about 250,000 students in the School Final Examination (SSLC).
2. Stood twenty second in the University of Madras in 1977 among about 40,000 students in the Pre-University Course (PUC).
3. Secured BE (Honours) in Mechanical Engineering with distinction in 1982.
4. Stood first in the ME program in 1984 among six students in Industrial Engineering in College of Engineering, Guindy, Anna University.

Research Fellowships/ Awards

1. Alexander von Humboldt (post-doctoral) Research Fellowship: 1996-1997, 1998, 2001, 2002, 2003, 2004, 2006, 2008, 2009, 2010 and 2015. German Mentor: Prof. Dr. Hans Ziegler, University of Passau, Germany
2. Research Excellence Award (Department of Industrial Engineering, College of Engineering, Guindy, Anna University): 2010.
3. Highly Commended Award (Emerald Literati Network): 2009 and 2011.
4. DAAD Fellowship: 1995 (three months) German Mentor: Prof. Dr. Hans Ziegler, University of Passau, Germany

Research Distinctions/ Recognitions

1. Dr.rer.pol.h.c. (Doctor of Business Administration and Economics Honoris Causa) from the University of Passau in recognition of long-standing, close connection with the University of Passau and outstanding achievements and contributions to research in the domains of Business, Economics and Information Systems (December 8, 2017).
2. Selected for RAGS Family Foundation Institute Chair in IIT Madras in 2016.
3. Ranked #1 among 1,416 faculty members (across all functional areas of Management) in the top 32 Business Schools in India who had published during 1968 – 2014 (see Sahoo, B.K., Singh, R., Mishra, B., and Sankaran, K., "Research Productivity in Management Schools of India during 1968-2015: A Directional Benefit-of-Doubt Model Analysis". *Omega*, Vol. 66, Part A, 118-139 (2017)).
4. Ranked #30 (in terms of distributed articles) and #27 (in terms of shared articles) among 14,127 authors who had published in at least one of the top 11 Operations Management journals in the world during 1985-2010 (see Shang, G., Saladin, B., Fry, T., and Donohue, J., "Twenty-Six years of Operations Management Research (1985-2010): Authorship Patterns and Research Constituents in Eleven Top Rated Journals". *International Journal of Production Research*, Vol. 53, No. 20, pp. 6161–6197 (2015)).
5. Nominated for DAAD Research Ambassadorship in India in 2014.
6. Ranked #10 (in terms of author articles) and #8 (in terms of full articles) among 7,103 authors who had published in *International Journal of Production Research* (a high ranking journal in Production Research in the world) during 1985 to 2010 (see Fry, T.D., Donohue, J.M., Saladin, B.A., and Shang, G., "The origins of research and patterns of authorship in the International Journal of Production Research". *International Journal of Production Research*, Vol. 51, No. 23-24, 7470-7500 (2013)).
7. Ranked #15 (in terms of h-index) among 44,881 authors who had published in at least one of the top 20 core Operations Management (OM) journals in the world during 1959-2008 (see Hsieh, P.-N., and Chang, P.-Long., "An assessment of world-wide research productivity in production and operations management"., *International Journal of Production Economics*, Vol. 120, 540-551 (2009), and Hsieh, P.-N., "Addendum to "an assessment of world-wide research productivity in production and operations management"., *International Journal of Production Economics*, Vol. 125, 335-338 (2010)).
8. Recipient of the prestigious Alexander von Humboldt Research Fellowship of Germany.

Research Citations

(As per Google Scholar) Citations: 10,364; h-index: 56; i10-index: 115 (accessed on March 27, 2018).

ResearchGate (RG) Score: 36.09 – more than 95% of ResearchGate members' RG scores.

Professional Duties/ Contributions

1. Offering courses such as Fundamentals of Operations Research, Operations Management, Supply Chain Management, Logistics and Distribution Management, Heuristics for Decision Making, Project Management, Simulation Modelling, and Quality Management, Lean Six Sigma in IIT Madras.
2. Exchange Program Coordinator in the Department of Management Studies, and instrumental (from IIT Madras side) in operationalizing many MoUs with foreign universities and mentoring (more than 100) incoming foreign students.
3. Instrumental (from IIT Madras side) in operationalizing the Joint Doctoral Programs between IIT Madras and University of Passau, Germany, and IIT Madras and University of Duisburg-Essen, Germany – So far, 3 joint PhD degrees (from IIT Madras) have been awarded.
4. Coordinator (from IITM) for the DAAD project: “A New Passage to India” (during 2010-2015, with University of Passau, Germany)-Total amount 321,380 Euro (about Rs. 2.25 crores); Amount Granted to IIT Madras project coordinator and students -170,189 Euro (about Rs. 1.2 crores).
5. Serving as a Sectional Observer in IIT Madras and presiding over (on behalf of the Dean of Academic Research) the Synopsis Meetings for PhD students in the Departments of HSS, and Management Studies, since 2015.
6. ISO Management Representative in IIT Madras during 2006-2009.
7. Served on the Faculty Selection Committees of IIT's and NIT.
8. Guide/ co-guide for more than 22 PhD students in and outside of IIT Madras, and for more than 14 MS (by Research) students in IIT Madras.
9. Published more than 35 papers in International conference proceedings in India and abroad (e.g. Austria, Japan, Ireland, Germany and USA).
10. A referee for many international journals such as European Journal of Operational Research, Journal of Operational Research Society, International Journal of Production Research, Computers & Industrial Engineering, Computers & Operations Research, and Benchmarking.

Professional Visits

1. Visiting Professor in the University of Passau, Germany (commencing from 2012 – each visit spanning over about four weeks).
2. Delivered invited talks in many Indian institutions and foreign universities such as University of Passau, University of Duisburg-Essen, University of Karlsruhe (TH), University of Binghamton, and Pennsylvania State University.
3. Presented more than 35 papers in international conferences in India and abroad (e.g. Austria, Japan, Ireland, Germany and USA).