

Cellphone : 9444436272

e-Mail ID : rajmohan@annauniv.edu

Address : RNA Nivas Plot No.13,Vijayalakshmi Street Lakshmi  
Nagar MudichurExtension Chennai - 600 048



## Present Position

Associate professor, Department of Industrial Engineering, College of Engineering Guindy, Anna University, Chennai from October-2012.

## Present Additional Responsibility

- Student Counsellor, Department of Industrial Engineering, Anna University, Chennai from October-2009.
- Programme Officer, National Service Scheme, Anna University, Chennai from January-2008.

## Previous Positions

- Assistant Professor, Department of Industrial Engineering, College of Engineering Guindy, Anna University, Chennai during October-2009 and October-2012.
- Lecturer Sr. Grade, Department of Industrial Engineering, College of Engineering Guindy, Anna University, Chennai during December-2008 and October-2009.
- Lecturer, Department of Industrial Engineering, College of Engineering Guindy, Anna University, Chennai during December-2003 and December-2008.
- Teaching Research Associate, Department of Industrial Engineering, College of Engineering Guindy, Anna University, Chennai during July-2001 and December-2003.

## Degree

- ❖ M.E. in INDUSTRIAL ENGINEERING , College of Engineering,Guindy, Anna University (1999 - 2001).
- ❖ B.E. in Agricultural Engineering, College of Agricultural Engineering, Tamilnadu Agricultural University (1993 - 1998).

## Research Degree

- ❖ Ph.D. in Logistics and Supply Chain Management from Faculty of Mechanical Engineering, College of Engineering, Guindy, Anna University, Chennai (2001 - 2008).  
Title: Meta Heuristics Solutions for Vehicle Routing Problem with Time Windows in Supply Chain Management.

## Area of Specialisation

- > Logistics and Supply Chain Management
- > Industrial Engineering
- > Design of Experiment
- > Metaheuristics

## Research Guidance

Number of Ph.D Scholars Guiding : 11  
Number of Ph.D Scholars Guiding : 2  
as Joint-Supervisor

## Papers Published in Journals

Research Papers Published in International Journals : 11  
Research Papers Published in National Journals : 1

1. Rajmohan M. and Shahabudeen P., " Genetic Algorithm Based Approach for Vehicle Routing Problem with Time Windows", International Journal of Logistics Systems and Management , published by Inderscience. Vol. 4, Issue 3, pp. 338-365 (2008).
2. Rajmohan M. and Shahabudeen P, "Heuristic for Solving Routing Problem in Supply Chain Management", International Journal of Applied Decision Sciences, published by Inderscience. Vol. 1, Issue 2, pp. 153-178 (2008).
3. A. John Rajan A, Suryaprakasa Rao K, Ganesh K Rajmohan M and Ashwin Chandran, " VEP: A Decision Making Model for Vendor Evaluation using Composite Scales", International e-Journal of Logistics and Supply Chain Management, Vol. 3, pp. 18 - 31 (2008).
4. Raj Mohan M., Shahabudeen P and Kannan.G, "The Design of Vehicle Routes for a Third Party Logistics Service Provider using Simulated Annealing Algorithm", International Journal of Business Performance Management, published by Inderscience. Vol. 11, Issue 1, pp. 1-17 (2009).
5. Rajmohan M and Shahabudeen P, "A Case Based Efficient Routing Plan for a Third Party Logistics Service Provider", International Journal of Logistics and Supply Chain Management, published by Serial . Vol. 1, pp. 1-13 (2009).

6. Rajmohan M and Shahabudeen P, "Metaheuristic for Solving Routing Problem in Logistics Management", International Journal of Operations Research, published by Inderscience. Vol. 6, Issue 2, pp. 223-246 (2009).
7. Thilagaraj M and Rajmohan M, "A new hybrid Methodology for selection of Third Party Logistics", International Journal of Decision Making in Supply Chain and Logistics, Vol. 2, Issue 1, pp. 1-14 (2011).
8. Gnana Sunderam J and Rajmohan M, "Integrated System-Reliability Analysis for Wind Turbine", International Journal of Production Technology and Management Research, Vol. 2, Issue 1, pp. 9-16 (2011).
9. Madhavan Pillai E, Paul Robert T and Rajmohan M, "Study on the Influence of Human Factors on Overall Equipment Effectiveness", European Journal of Scientific Research, Vol. 53, Issue 2, pp. 179-192 (2011).
10. Sudhakar D.P,Vinodh Babu V,Abhay K. Jha,Rajmohan M and Muthunayagam A.E, " Optimisation of Vacuum Brazing Conditions for Joining Stainless Steel 321 Sheets by Nickel Based Braze Foil for Regenerative Rocket Nozzle Applications by Taguchi Method", Journal of Aerospace Sciences and Technologies, Vol. 63, Issue 3, pp. 1-9 (2011).
11. Jedsada Tipmontian, K. Suryaprakasa Rao and M. Rajmohan, " Integrating Fuzzy Delphi Method and Analytic Hierarchy Process for the Selection of Post-Harvest Technology", European Journal o European Journal of Scientific Research, Vol. 80, Issue 2, pp. 244-259 (2012).
12. Jedsada Tipmontian, K. Suryaprakasa Rao and M. Rajmohan, " Selection of Handling of Route in Postharvest Supply Chain using Fuzzy Delphi Method and Dynamic Programming", Journal of Applied Sciences Research, Vol. 8, Issue 8, pp. 4207-4214 (2012).

## Papers Presented in Programmes

Research Papers Presented in International Programmes : 19  
Research Papers Presented in National Programmes : 0

1. Rajmohan M., Shahabudeen P. and Arjun K Subramaniam (2003), "Heuristic for vehicle Routing Problem – A case" presented in a International level conference on VI Annual Conference of the society of operations Management, organised by Indian Institute of Management Kozhikode, India from 20-Dec-2002 to 22-Dec-2002.
2. "Solving Two Dimensional Polygonal Cutting Stock Problem using Simulated Annealing Approach" presented in a International level conference on Association of Asia-Pacific Operational Research Societies, organised by Indian Institute of Technology Delhi, India from 08-Dec-2003 to 10-Dec-2003.
3. "Heuristic for Vehicle Routing Problem – A case study" presented in a International level conference on Association of Asia-Pacific Operational Research Societies, organised by Indian Institute of Technology Delhi, India from 08-Dec-2003 to 10-Dec-2003.

4. Rajmohan M. and Shahabudeen P, Prabhu kumar J , "Metric Analysis and Process Capability for the Software Organisation" presented in a International level conference on Association of Asia-Pacific Operational Research Societies, organised by Indian Institute of Technology Delhi, India from 08-Dec-2003 to 10-Dec-2003.
5. "Simulated Annealing heuristic for single and Multi Depot Vehicle Routing Problem" presented in a International level conference on IX Annual conference of the society of operations Management, organised by Pondicherry University, Pondicherry , India from 16-Dec-2005 to 18-Dec-2005.
6. Srinivasan S.P, Malliga P and Rajmohan M, "Supply Chain Network for Bio Diesel'" presented in a International level conference on Operational Research as Competitive Edge, organised by Indian Institute of Technology Kharagpur, India from 03-Jan-2007 to 04-Jan-2007.
7. "Algorithm for solving routing problems in Supply Chain Managemen" presented in a International level conference on Recent Trends in Mechanical Engineering, organised by Ujjain Engineering College, Ujjain, India from 04-Oct-2007 to 06-Oct-2007.
8. "Simulated Annealing Algorithm for Multi-Depot Vehicle Routing Problem with Time Windows" presented in a International level conference on Emerging Challenges in Design and Manufacturing Technologies, organised by Sathyabama University, Chennai, India from 28-Nov-2007 to 30-Nov-2007.
9. Jesu Raja Sekar. T, Rajmohan. M and Shahabudeen.P , "Improved Ant Colony Optimisation Algorithm for Multi-Depot Vehicle Routing Problem with Time Windows" presented in a International level conference on Latest and emerging Trends in Information Sciences and Computing, organised by Sathyabama University, India from 12-Dec-2007 to 14-Dec-2007.
10. "Combined Taguchi's Design of Experiment and Modified Genetic Algorithm for Solving Multi Response Problem" presented in a International level conference on Emerging Research and Advances in Mechanical Engineering, organised by Vellammal Engineering College,Chennai, India from 19-Mar-2009 to 21-Mar-2009.
11. "Hybrid Framework for solving Supplier Selection Problem" presented in a International level conference on Emerging Research and Advances in Mechanical Engineering, organised by Vellammal Engineering College,Chennai, India from 19-Mar-2009 to 21-Mar-2009.
12. "Hybrid Framework for Solving MCDM Problems in SCM" presented in a International level conference on Advanced Manufacturing and Automation, organised by Kalasalingam University,Srivilliputhur, India from 26-Mar-2009 to 28-Mar-2009.
13. Ajay Karthic Bharathi g, Suchitra Rajendran,Sharan Srinivas,Preshmitha R,Vasumathi V and Rajmohan M, "Genetic Algorithm based Heuristics for Multi-Depot Vehicle Routing Problem with Time Windows in Supply Chain Management" presented in a International level conference on Advances in Industrial Engineering Applications, organised by Anna University,Chennai, India from 06-Jan-2010 to 08-Jan-2010.
14. "Optimisation of Logistics in Assembly of Wind Turbines" presented in a International level conference on Advances in Industrial Engineering Applications, organised by Anna University,Chennai, India from 06-Jan-2010 to 08-Jan-2010.

15. Nishanth.G and Rajmohan M , "A Decision Making Optimization Model for Implementing Biomass Gasification Plant in Tamil Nadu" presented in a International level conference on Industrial Engineering and Operations Management (IEOM), organised by Bangladesh Society of Mechanical Engineers,Dhaka, Bangladesh, Bangladesh from 09-Jan-2010 to 10-Jan-2010.
16. "A new Hybrid methodology for selection of Third Party Logistics" presented in a International level conference on Recent Advances in Mechanical Engineering, organised by Noorul Islam University, Kumaracoil, India from 08-Apr-2010 to 09-Apr-2010.
17. "New Hybrid Methodology for Selecting Third Party Logistics Service Provider" presented in a International level conference on Operations Research Applications in Engineering and Management, organised by Anna University of Technology, Tiruchirappalli, India from 27-May-2010 to 29-May-2010.
18. "GA Based Approach to Determine Base-Stock Levels in a Serial Supply Chain with Multiple Objectives and Forming Non- Dominated Fronts" presented in a International level conference on Operations Research for Urban and Rural Development, organised by Thiagarajar College of Engineering, Madurai, India from 15-Dec-2010 to 17-Dec-2010.
19. "Application of Analytic Hierarchy Procedure in Selecting Suppliers for Automated Welding Machine Manufacturer" presented in a International level conference on Operations Research for Urban and Rural Development, organised by Thiagarajar College of Engineering, Madurai, India from 15-Dec-2010 to 17-Dec-2010.

### Programme Chaired

1. Chairman, International level conference titled "International Conference on Recent Advances in Mechanical Engineering INCROME 2011 (INCROME2011)" conducted by Dr.MGR Educatinal and Research Insititute University from 21-Apr-2011 to 22-Apr-2011.
2. Chairman, International level conference titled "International Conference on Recent Advances in Mechanical Engineering INCROME 2012 (INCROME2012)" conducted by Dr.MGR Educatinal and Research Insititute University from 19-Apr-2012 to 20-Apr-2012.

### Programme Organized

1. organising Secretary, International level conference on "International Conference on Advances in Industrial Engineering Applications(ICAIEA)" from 06-Jan-2010 to 08-Jan-2010.
2. organising Secretary, International level Short Course on "Short Term Course on Supply Chain Management" from 24-Sep-2010 to 25-Sep-2010.
3. organising Secretary, National level workshop on "National Level Workshop on Application of Metaheuristics for Engineering Optimization" from 20-Mar-2012 to 21-Mar-2012.
4. organising Secretary, National level seminar on "National Level Technical Seminar on Optimization in Engineering and Management Research" from 24-May-2012 to 25-May-2012.
5. organising Secretary, International level workshop on "International Workshop on Decision Making and Optimization" from 07-Sep-2012.

6. organising Secretary, National level workshop on "National Level Workshop on Data Analysis" from 22-Mar-2013 to 23-Mar-2013.