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## Present Position

Professor, Department of Industrial Engineering, College of Engineering Guindy, Anna University, Chennai from August-2014.

## Present Additional Responsibility

- Chief Superintendent (PG Exams), , Anna University, Chennai.

## Previous Positions

- Teacher Trainee, Department of Industrial Engineering, College of Engineering Guindy, Anna University, Chennai.

## Previous Additional Responsibility

- , , Anna University, Chennai.

## Degree

- ❖ M.E. in INDUSTRIAL ENGINEERING , CEG, Anna University (1995 - 1998).
- ❖ B.E. in PRODUCTION ENGINEERING , PSG College of Technology, Coimbatore, Bharathiyar (1989 - 1993).

## Research Degree

- ❖ Ph.D. in Industrial Engg. from Faculty of Mechanical Engg., CEG, Anna University - 0).  
Title: Issues in design and evaluation of production line systems..

## Area of Specialisation

- Automation, Human Factors, Work system design, safety

## Membership in Professional Organization

- IIE(US), IIIIE, ORSI

## Research Guidance

Number of Ph.D Scholars Guided : 2  
Number of Ph.D Scholars Guiding : 3

## Papers Published in Journals

Research Papers Published in International Journals : 14  
Research Papers Published in National Journals : 5

1. Ramesh Babu T., K.S.P.Rao., " Decision Support System for the design and evaluation of production lines - A case study", International Journal of Management and Systems, Vol. 20, Issue 1, pp. 1-12 (2003).
2. L.Karunamoorthy, S.Anand, T. Ramesh Babu., "Linear approach for solving a piecewise linear vendor selection problem of quantity discounts using lexicographic approach", International Journal of Advanced Manufacturing Technology., Vol. 28, pp. 1254 -1260 (2004).
3. Ramesh Babu T., B.C.Rajesh Kumar, M.Senthil Kumar., " Productivity improvement in a garment manufacturing industry – A case study.", Industrial Engineering Journal. , Issue 12, pp. 20-29. (2004).
4. Rajesh Kumar B.C., T. Ramesh Babu., " Evaluation of logistics related policies between two different levels of supply chain network-A case study", Annals of Operations Research., Vol. 143, pp. 77 - 89 (2006).
5. Ramesh Babu T., K.S.P.Rao, C.Uma Maheshwaran., " Application of TOC embedded ILP for increasing throughput of production lines.", International Journal of Advanced Manufacturing Technology., Vol. 33, pp. 812 - 818 (2007).
6. T. Ramesh Babu., " Productivity improvement study in a manufacturing enterprises by implementing agile principles", International Journal of Production Technology and Management Research., Vol. 2, pp. 33 - 38. (2011).
7. T. Ramesh Babu , E. Gladstone., "Application of DEA to measure the relative efficiency of the district co-operative milk producer's unions in Tamilnadu, India.", European Journal of Scientific Research., Vol. 87, Issue 1, pp. 56 - 66. (2012).
8. Vimalanathan K, T. Ramesh Babu., " The combined effect of environmental and cognitive ergonomics factors on the office worker's productivity in India ", Journal of Applied Sciences Research., Vol. 8, pp. 4222 - 4226 (2012).
9. Vimalanathan, K\*,Ramesh Babu T\*, " Impact of environmental ergonomics on the productivity of office workers", Austrian Journal of Basics and Applied Sciences, Issue 366, pp. pp. 133 - 134 (2013).

10. T. Ramesh Babu , E. Gladstone., "Constraints analysis and remedial policy for dairy supply chain in Tamilnadu.", Indian Vet. J., Vol. 90, pp. 133 - 134. (2013).
11. T. Ramesh Babu., " Impact of environment on the productivity of office workers.", Australian Journal of Basic and Applied Sciences., Vol. 7, pp. 366 - 374. (2013).
12. Vimalanathan K\*,Ramesh Babu T, "The effect of indoor office environment on the work performance, health and well-being of office workers", Journal of Environmental Health Science & Engineering, pp. 1-8 (2014).
13. Paranitharan K. P\*,Ramesh Babu T \*, "A Comprehensive Review of Integrated Manufacturing Practice in Global Context-Manufacturing Management Perspective", International Business Management, Vol. 8, pp. 369-377 (2014).
14. K.P. Paranitharan, T. Ramesh Babu, A. Syath Abuthakeer and A. Pal Pandi, "Lean Approach in Modulator Valve Manufacturing Through Value Stream Mapping", Asian Journal of Information Technology, Vol. 13, pp. 313-319 (2014).
15. K.P. Paranitharan, V.Vidhu Balan, .T.Ramesh Babu, A. Pal Pandi, D.Chella Ganesh, "Application of Value Stream Mapping In An Indian Brass Lamp Manufacturing Organisation", International Journal Applied Engineering Research, pp. 24845-24860 (2015).
16. Dr. M.Subburaj, Dr. T.Ramesh Babu, Dr. B.Suresh Subramonian, "A study on strengthening the operational efficiency of dairy supply chain in Tamilnadu", Science Direct, Elsevier, Procedia- Social and Behavioral Sciences , Vol. 189, pp. 285-291 (2015).
17. Paranitharan K.P, Ramesh Babu.T., Pal Pandi A., & Jeyathilagar, D, "IMBES Model Leverages Sustainability in Manufacturing Industry – An Integrated Theoretical Approach", Asian Journal of Research in Social Sciences and Humanities, pp. 1268-1284 (2016).
18. Paranitharan K.P, Ramesh Babu.T., Pal Pandi A., Rajesh R, " A Conceptual Model for Achieving Business Excellence in Indian Manufacturing Industry", International Journal of Enterprise Network Management, Vol. 7, pp. 4 (2016).
19. "Productivity improvement of agro fased form workers using ergonomic approach", NPC, Vol. 57, pp. 123-131 (2016).

### Sponsored Projects Completed

1. "Information system for Decision Support in the Design and Evaluation of Production Line Systems", funded by AICTE - September-2002). Project Cost: 3.50.
2. "selecting an optimal Route in Traffic Conditions", funded by CTD,Anna University.. Project Cost: 25.00.
3. "Automatic vehicle over speed controlling system for school zone", funded by CTD,Anna University.. Project Cost: 25.00.

### Programme Organized

1. organized, National level seminar on "Research Issues in Operations Management" from 22-May-2008 to 23-May-2008.
2. organized, International level seminar on "Emerging trends in process safety and risk management" from 07-Oct-2009 to 08-Oct-2009.
3. organized, National level seminar on "Issues in Preparing Research Thesis and Project Proposal" from 16-Mar-2012 to 17-Mar-2012.
4. organized, National level seminar on "Optimization in Engg and Management Research" from 24-May-2012 to 25-May-2012.
5. organized, International level conference on "Advances in industrial engg.Applications" from 06-Jan-2014 to 08-Jan-2014.

### Programme Attended

1. Attended a National level Short Course on "Research Issues in Operations Management" organized by Anna University, Chennai, india from 22-May-2008 to 23-May-2008.
2. Attended a National level Short Course on "Emerging trends in process safety and risk management" organized by Anna University, Chennai, india from 07-Oct-2009 to 08-Oct-2009.
3. Attended a National level Short Course on "Theory and Practice of Lean and Agile system" organized by NIT Trichy under AICTE-QIP, india from 12-Jul-2010 to 16-Jul-2010.
4. Attended a National level Short Course on "TQM in Higher Education" organized by University of Madras under UGC, india from 13-Sep-2010 to 17-Sep-2010.
5. Attended a National level Short Course on "Supply Chain Management" organized by Anna University, Chennai, india from 24-Sep-2010 to 25-Sep-2010.
6. Attended a National level Short Course on "Multi-Criteria Decision Making" organized by Anna University, Chennai, india from 08-Oct-2010 to 09-Oct-2010.
7. Attended a National level Short Course on "Database Management System" organized by Anna University, Chennai Under ISTE, india from 13-Dec-2010 to 23-Dec-2010.
8. Attended a National level Short Course on "Recent trends in computer Networks" organized by Anna University, Chennai Under AICTE - QIP, india from 18-Apr-2011 to 30-Apr-2011.
9. Attended a National level Short Course on "Issues in Preparing Research Thesis and Project Proposal" organized by Anna University, Chennai, india from 16-Mar-2012 to 17-Mar-2012.
10. Attended a National level Short Course on "Applications of Metaheuristics for Engineering Optimization" organized by Anna University, Chennai, india from 20-Mar-2012 to 21-Mar-2012.
11. Attended a National level Short Course on "Optimization in Engg and Management Research" organized by Anna University, Chennai, india from 24-May-2012 to 25-May-2012.

12. Participated in a National level workshop on "Data Analysis" organized by DOIE,Anna University, india from 22-Mar-2013 to 23-Mar-2013.
13. Participated in a National level workshop on "Multi-Criteria Decision Making" organized by DOIE,Anna University, india from 26-Mar-2013 to 27-Mar-2013.
14. Participated in a National level workshop on "Recent trends in system simulation" organized by NIT Trichy., india from 01-Aug-2013 to 02-Aug-2013.

## Honours

1. "B.G.Raghavendra Memorial Award" given by Operational Research Society Of India from India (2002).
2. "Best paper Award" given by International conference on modeling ,optimization and computing ICMOC-2014 from India (2014).