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Present Position

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

Present Additional Responsibility

- Deputy Director, Center for Student affairs, Anna University, Chennai from December-2011.
- Deputy Director, Center for Student affairs, Anna University, Chennai.

Previous Positions

- Lecturer SI.Grade, Department of Industrial Engineering, College of Engineering Guindy, Anna University, Chennai during June-2009 and June-2012.
- Lecturer Sr. Grade, Department of Industrial Engineering, College of Engineering Guindy, Anna University, Chennai during June-2004 and June-2009.
- Lecturer, Department of Industrial Engineering, College of Engineering Guindy, Anna University, Chennai during December-2003 and July-2004.

Previous Additional Responsibility

- , , Anna University, Chennai.
- , , Anna University, Chennai.

Other Employment

- Sr.Lecturer, Adhiyamaan Engineering College for 1.6 years.
- Planning Engineer, Baliga Lighting Equipment pvt.Ltd for 1 year.
- lecturer, Sr.Lecturer, Adhiparasakthi Engineering College for 13 years.

Degree

- ❖ M.E. in INDUSTRIAL ENGINEERING , College of Engineering Guindy, Anna University (1992 - 1994).
- ❖ B.E. in MECHANICAL ENGINEERING , Adhiparasakthi Engineering College, Madras University (1987 - 1991).

Research Degree

- ❖ Ph.D. in Scheduling, simulation from Faculty of Mechanical, College of Engineering Guindy, Anna University (2003 - 2010).
Title: Performance Evaluation Of Bus Depots and Routes and Determining the Headway For Single and Overlapping Routes.

Membership in Professional Organization

- > Indian Society of Technical Education
- > Operational Research Society of India

Research Guidance

Papers Published in Journals

Research Papers Published in International Journals : 13
Research Papers Published in National Journals : 1

1. R.Baskaran , K.Krishnaiah, "Algorithmic Approach To Determine The Frequency of Buses in a Fixed Route of Metro Transport", Industrial Engineering Journal, published by Indian Institution of Industrial Engineering. Vol. 1, Issue 6, pp. 27-31 (2008).
2. R.Baskaran , K.Krishnaiah, " Performance Evaluation of Bus Depots using AHP", International journal of Industrial Engineering Research and Development, Vol. 1, Issue 1, pp. 51-65 (2010).
3. M.Marikumar, R.Baskaran, " Multi Criteria Decision Making in Material Procurement & Inventory Management Using Min-Max Goal Programming", International Journal of Production Technology and Management Research, Vol. 2, Issue 1, pp. 45-48 (2011).
4. R.Baskaran , K.Krishnaiah, "Performance Evaluation of Bus Routes using AHP", European Journal of Scientific Research, published by EuroJournals. Vol. 66, Issue 4, pp. 631-642 (2011).
5. R.Baskaran , K.Krishnaiah, "Simulation model to determine frequency of a single bus route with single and multiple headway", International Journal of Business performance and supply chain modelling, published by Inderscience Enterprises Ltd.. Vol. 4, Issue 1, pp. 40-59 (2012).

6. V.Raja Sreedharan*R.Baskaran*, " Problem Identification in Manufacturing of Load Body of Trucks Using Lean", International Journal of Innovative Research in Engineering Science and Technology, published by International Journal of Innovative Research in E. Issue 1, pp. Nil (2013).
7. M.Sankar*, A.Gnanavelbabu* ,R.Baskaran*, "Optimization of Surface Roughness in Electro Chemical Machining", Applied Mechanics and Materials , published by Trans Tech Publications. pp. 193-197 (2014).
8. M.Sankar* ,R.Baskaran* ,K.Rajkumar*,A.Gnanavelbabu, "Abrasive assisted electro chemical machining of aluminum-boron carbide-graphite hybrid composite", Applied Mechanics and Materials, published by Trans Tech Publications. pp. 89-93 (2014).
9. M Kannan*,R.Baskaran*,A.Santhoshkumar*, P.Lawrence*,G.Arunkumar*, "Application of neat cashew nut shell oil in compression ignition engine", International Journal of Applied Environmental Sciences, published by Research India Publication. Issue 4, (2014).
10. M.Kannan* R.Senthil* R.Baskaran* B. Deepanraj*, "An experimental study on heat transport capability of a two phase thermosyphon charged with different working fluids", American Journal of Applied Sciences, published by ISSN. Vol. 11, Issue 4, pp. 584 (2014).
11. M.Kannan*R. Karthikeyan* B. Deepanraj* and R.Baskaran*, "Feasibility and performance study of turpentine fueled DI diesel engine operated under HCCI combustion mode", Journal of Mechanical Science and Technology, published by Springer. Vol. 28, (2014).
12. R.Panneerdhass*, R.Baskaran*, K.Rajkumar* A.Gnanavelbabu*, "Mechanical properties of chopped randomly oriented epoxy-Luffa Fiber Reinforced polymer composite", Applied Mechanics and Materials, published by Trans Tech Publications. pp. 103-107 (2014).
13. Vadivel. S.M* Baskaran.R*, "Forecasting Demand On Each Stage In Public Transportation - An Empirical Analysis", Indian Institution Of Industrial Engineering, published by Industrial Engineering Journal. Issue 5, pp. 32 (2015).
14. Dr.R.Baskaran*Dr.A.K.Sheik Manzoor*, "Lean Manufacturing Analysis using Design of Experiments and Computer Simulation", Asian Research Consortium, published by Asian Journal of Research in Social Sciences and H. pp. 518 (2016).

Papers Presented in Programmes

Research Papers Presented in International Programmes : 9
Research Papers Presented in National Programmes : 3

1. K.Sathishkumar*, R.Baskaran*, "Metropolitan Bus Route Evaluation using Analytic Hierarchy Process - A Case study in Chennai city" presented in a International level conference on presented in a International level conference, organised by Velammal Engineering College, Chennai-600066., India .
2. Vineeth R*. S. M* Baskaran. R*, "Forecasting Demand On Each Stage In Public Transportation - An Empirical Analysis" presented in a International level conference on International Conference on recent trends in engineering and management,, organised by Indian Institution Of Industrial Engineering, India .

3. "Multi Criteria Decision Making in Material Procurement and Inventory management" presented in a National level conference on National Conference on Recent Trends in Civil and Mechanical Engineering, organised by Dept. of Mechanical, Anna University of Technology, Tiruchirappalli, India from 08-Apr-2011 to 09-Apr-2011.
4. "Lean Manufacturing Analysis using Design of Experiments and Computer simulation" presented in a National level conference on National Conference on Recent Advancement in Mechanical Engineering, organised by Rajalakshmi Engineering College, India from 21-Apr-2011 to 22-Apr-2011.
5. M.Marikumar, R.Baskaran, "Design of Therapeutic Footwear for patients with Diabetes using Quality Function Deployment" presented in a International level conference on Euro-India International Conference on Diabetes, organised by Institute for Holistic Medical Science, Kottayam Kerala, India from 09-Apr-2012 to 11-Apr-2012.
6. Raja Sreedharan.V, Baskaran.R, Chandrasekar, "Productivity Improvement in Fabrication of Load Body of Trucks Using Lean" presented in a International level conference on International conference on advanced manufacturing and automation (INCAMA-2013), organised by Kalasalingam University, India from 28-Mar-2013 to 30-Mar-2013.
7. G. B. Mangala Gowri* R. Baskaran, "Inventory Management In A Pharmaceutical Company Minimising Discard Practices" presented in a National level conference on National conference on recent trends in mechanical Engineering, , India from 16-Apr-2013 to 16-Apr-2013.
8. N. Anvarali Shahul Hameed, R. Baskaran and A.K Sheik Manzoor , "Evaluation and need for hybrid cloud enterprise resource planning systems" presented in a International level conference on Third International Conference on Advances in Industrial Engineering Applications, organised by Anna University, India from 02-Jan-2018 to 05-Jan-2018.
9. Videsh Desingh, R. Baskaran and K. Padmanabhan Panchu , "An overview of RFID Technology Applications and Diffusion in Supply Chain Management" presented in a International level conference on Third International Conference on Advances in Industrial Engineering Applications, organised by Anna University, India from 02-Jan-2018 to 05-Jan-2018.
10. M. Harini and R. Baskaran, "Optimal Design of Water Distribution Network using Particle Swarm Optimisation" presented in a International level conference on Third International Conference on Advances in Industrial Engineering Applications, organised by Anna University, India from 02-Jan-2018 to 05-Jan-2018.
11. T. Praveen Kumar and R. Baskaran , "A study of impact of students perceived service quality on brand performance of self financing engineering institutions" presented in a International level conference on Third International Conference on Advances in Industrial Engineering Applications, organised by Anna University, India from 03-Jan-2018 to 05-Jan-2018.
12. K. Rajchandar, R. Baskaran and K. Padmanabhan Panchu , "Multiple robot path planning algorithms for static and dynamic environment: A review" presented in a International level conference on Third International Conference on Advances in Industrial Engineering Applications, organised by Anna University, India from 03-Jan-2018 to 05-Jan-2018.

Programme Organized

1. Coordination, National level workshop on "National Level Multi Criteria Decision Making " from 26-Mar-2013 to 27-Mar-2013.

Programme Attended

1. Participated in a National level workshop on "National Workshop On Advanced Metrology In Manufacturing Engineering" organized by Department of Manufacturing Engineering, Anna University, India from 03-Oct-2012 to 05-Oct-2012.
2. Participated in a National level workshop on "Data Analysis" organized by Department of Industrial Engineering, Anna University, India from 22-Mar-2013 to 23-Mar-2013.