

Faculty Profile



Name : *Dr.R.A. MALAIRAJAN*
Designation : Asst. Professor & HOD i/c
Department : Mechanical Engineering
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Education

Ph.D., Anna University
M.E., Anna University
M.B.A., Alagappa University
B.E., Bharathiar University

Teaching and Research Experience

Asst. Professor, University VOC College of Engineering, 31.08.2009 to Tilldate.
Asst. Professor, Vickram College of Engineering, 02.08.2006 to 29.08.2009.

Area of Research

Supply Chain Analytics, Resource Allocation Problems and Optimization problems.

Selected Publications (Journals / Books) – recent 5 publications

Malairajan, R.A., Ganesh, K., Nallasivam, K. and Punniyamoorthy, M. "Comparison of Fuzzy C-Means Clustering and 0-1 Integer Programming Model for Employee Routing Problem", International Journal of Value Chain Management, Vol. 6, No. 4, pp. 303-330, 2012.

Malairajan, R.A. Ganesh, K. Lee, T.R., and Anbuudayasankar, S.P., "REFING: Heuristics to Solve Bi-Objective Resource Allocation Problem with Bound and Varying Capacity", International Journal of Operational Research, Vol. 17, No. 2, pp. 145 - 169, 2013.

Malairajan, R.A., Ganesh, K., Matti Muhos and Anbuudayasankar, S.P., "Class of resource allocation problems in supply chain - A review", International Journal of Business Innovation and Research, Vol. 7, No. 1, pp. 113-139, 2013.

Malairajan, R.A., Ganesh, K., Punniyamoorthy, M. and Anbuudayasankar, S.P. "Decision Support System for Real Time Vehicle Routing in Indian Dairy Industry - A Case Study", International Journal of Information Systems and Supply Chain management, Vol. 6, No. 4, pp. 77 - 101, 2013.

Reference & Textbooks, "Resource Allocation Problems in Supply Chain", Emerald Publishing, Aug'2015.

Administrative Post held

- Chief Superintendent, 2009 - 2010
- Director i/c, March 2011 to August 2011
- Head, Mechanical, 2010 to 2012 & 2014 to till date
- Coordinator, Association of Mechanical Engineers, 2014 to till date

- Coordinator, Green and Clean Club, 2010 to till date
- Student Councillor, 2017 to till date
- Program Officer, NSS, Dec'2016 to till date
- Editorial Board Member, Serials Publication Pvt. Ltd., 2013
- Associate Editor, Serials Publication Pvt. Ltd., 2013
- Class Advisor, 2009 to till date
- Organizing Secretary A National Level Technical Symposium (Mechanical) 2014 to till date.

Awards and Honors received

Rotary club of Sea side , Tuticorin- For Social Service Activity

Membership List

ISTE, Life Member

ORSI, Life Member