IN INTERNATIONAL/ NATIONAL CONFERENCES

B.Latha Shankar, S.Basavarajappa, Rajeshwar S. Kadadevaramath, Jason C.H. Chen (2010). "Constrained optimization of production distribution scheduling using new hybrid PSO optimizer", Advanced Materials, Manufacturing, Management and Thermal Sciences AMMMT-2010. Siddaganga Institute of Technology, Tumkur, 18-19th Nov 2010.

B.Latha Shankar, S.Basavarajappa, Rajeshwar S. Kadadevaramath, Jason C.H. Chen (2011). "Study on Three-Echelon supply chain network: optimization using a hybrid PSO optimizer", Operational Excellence for Global Competitiveness [ICOEGC-2011]. R.V. College of Engineering, Bangalore, 3- 5th Feb. 2011.

B.Latha Shankar, S.Basavarajappa, Rajeshwar S. Kadadevaramath, Jason C.H. Chen (2012). "Bi-objective optimization of location-allocation decisions for three-Echelon supply Chain architecture using multi - objective hybrid particle swarm optimizer". IIIE Annual Convention and international conference 2012. NIMHANS Convention Center, Bangalore, 29th – 31st Oct 2012.

Utsav Lall, Santosh Avvannavar, C. E Megharaj, **Latha Shankar B.,** "Advancement in Teaching through Technology", International conference on Advanced Materials, Manufacturing, Management and Thermal Sciences, May 3 –4, 2013, SIT, Tumkur.

Dr. Rajeshwar.S.Kadadevarmath, **Latha Shankar B.,** Jason C.H. Chen, "Application of swarm intelligence algorithm for multi objective optimization of multi echelon supply chain", International Conference on Applied Business and Economics (ICABE), City University of New York USA, 2nd - 4th October, 2013.

Rajeshwar S. Kadadevaramath, **Latha Shankar B.,** Gunasekar.S, Mohanasudaram K.M., Udayashankar Aradya T.B., "Measure of performance and Determination of optimal base stock Level for a serial supply chain for a product in multi-products supply chain network", Fourth International Conference on Logistics and Supply Chain Management (ILSCM), PSG College of Technology, Coimbatore, Tamilnadu, 7-9, August, 2008.

Rajeshwar S. Kadadevaramath, Chandra Sekhar B., Mohanasudaram K.M., Udayashankar Aradya, **Latha Shankar B.,** "Network Optimization Analysis of a Manufacturing and Distribution Using Spread Sheet Applications: A Case Study", Second International Conference on Resource Utilization and Intelligent Systems (INCRUIS), Kongu Engineering College, Perundurai, Tamilnadu, 3-5, January, 2008.

Rajeshwar S. Kadadevaramath, Mohanasundaram K.M., T.B.U.,Aradya, **Lathashankar B.,** "Lead Time Analysis of Supply Chain Using Statistical Concepts", International Conference on logistics and supply chain management PSG. College of Technology Coimbatore, Tamilnadu, India, August 2-4, 2006.

Rajeshwar S. Kadadevaramath, Mohanasundaram K.M., Udayashankar Aradya T.B., **Lathashankar B.,** "Optimizing Supply Chain Operations Using Particle Swarm Algorithm", The 5th International conference on Supply Chain Management and Information Systems (SCMIS), Melbourne, Australia, 9–12, December 2007

Rajeshwar S. Kadadevaramath, Mohanasundaram K.M.,T.B. Udayashankar Aradhya, **Lathashankar B.,** "Determination of Base Stock Level and Total Supply Chain Cost in a Supply Chain Network", National Conference on Advances in Materials and Manufacturing Processes, University BDT College of Engineering, Davangere, Karnataka, 5-6, October, 2007.

Rajeshwar S. Kadadevaramath, Mohanasundaram K.M., Rameshkumar K., Udayashankar Aradhya **T.B., Lathashankar B.,** "Multi Echelon Supply Chain Optimization Using Particle Swarm Intelligence Algorithm", Fifth Annual International Symposium on Supply Chain Management, The Grand Hotel & Suites, Toronto, Ontario, Canada, October17-19, 2007.

Rajeshwar S. Kadadevaramath, Chandra Sekhar B., Mohanasudaram K.M., Udayashankar Aradya T. B., **Lathashankar B** ., "Network Optimization, Modeling and Analysis of a Production/ Distribution System Using Particle Swarm Optimization", International Conference on modeling and simulation (Emerging Methods towards Frontier Technologies CITICOMS), 27-29 August, 2007, Coimbatore Institute of Technology, Coimbatore.

Rajeshwar S. Kadadevaramath, Mohanasundaram K.M., T.B.U.,Aradya, **Lathashankar B.,** "Lead Time Analysis of Supply Chain Using Statistical Concepts", International Conference on logistics and supply chain management PSG. College of Technology Coimbatore, Tamilnadu, India, August 2-4, 2006.

Dr Rajeshwar.S.Kadadevarmath, **Latha Shankar B.,** K. Vidya S Dandagi, T. B. U. S. Aradya, 'Profit maximization of Multi-Echelon Supply Chain Network Architecture using new Heuristic Approach', National conference on manufacturing: Vision for Future (MVF), Indian Institute of Technology Guwahati, 12th - 13th October, 2013

JOURNAL PUBLICATIONS
1. **B.Latha Shankar,** S.Basavarajappa, Rajeshwar S. Kadadevaramath, Jason C.H. Chen (2013) "A bi-objective optimization of supply chain design and distribution operations using Non-

Dominated Sorting algorithm: A case study." *Expert Systems with Applications*, (Elsevier Publication: Impact factor 2.303) Vol.40, Pp. 5730-5739.

2. **B.Latha Shankar,** S.Basavarajappa, Rajeshwar S. Kadadevaramath, Jason C.H. Chen (2013) "Location and allocation decisions for multi-echelon supply chain network", Expert *Systems with Applications,* (Elsevier Publication: Impact factor 2.303), Vol.40, Pp.551-562.

3. **B.Latha Shankar,** S.Basavarajappa, Rajeshwar S. Kadadevaramath, Jason C.H. Chen (2013) "Constrained Optimization of Distribution Network Using New Hybrid PSO Optimizer", *International Journal of Business and Systems Research* (IJBSR), (Inderscienc Publication), Vol. 7, No. 2.

4. **B.Latha Shankar,** S.Basavarajappa, Rajeshwar S. Kadadevaramath (2012) "Bi-objective optimization of distribution scheduling using mopso optimizer", *Journal of Modelling in Management*, (Emerald Publication), Vol.7, No.3, Pp.304-327.

5. Rajeshwar S. Kadadevaramath, **B.Latha Shankar,** S.Basavarajappa, Jason C.H. Chen (2012) "Application of particle swarm intelligence algorithms in supply chain network architecture optimization." *Expert Systems with Applications*, (Elsevier Publication: Impact factor 2.303), Vol.39, Pp. 10160-10176

6. **B.Latha Shankar,** S.Basavarajappa, Rajeshwar S. Kadadevaramath, Jason C.H. Chen (2011) "Supply chain network optimization using new hybrid PSO optimizer", *Manufacturing Engineering,* (Russian Journal- Published by Technical University of Kosice - Faculty of Manufacturing Technologies with a seat in Presov, Slovakia), Vol.10, No.1, Pp. 44-48.

7. **B.Latha Shankar,** S.Basavarajappa, Rajeshwar S. Kadadevaramath, Jason C.H. Chen (2011) "A stochastic model for inventory cost calculation with fuzzy demand", *Journal of Manufacturing Technology* Today, (National Journal), Vol.10, No.10, Pp. 23-30.

8. Rajeshwar S. Kadadevaramath, **B. Latha Shankar,** K.M.Mohanasudaram, K.Rameshkumar (2008) "supply chain network modeling and optimization using swarm intelligence". *Journal of Manufacturing Technology* Today, Vol.7, No.5,Pp 3-9.

9. Rajeshwar S. Kadadevaramath, **B.Latha Shankar,** Mohanasudaram K.M., Gunasekar (2007) "Serial Supply Chain Optimization in A Supply Chain Network for Multi-Product Manufacturing and Distribution using Heuristic Algorithm", *International Journal of Manufacturing Engineering*, Vol.4, No.6, Pp. 99-104.