

**National Institute of Technology, Tiruchirappalli:**  
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and Tom Page	problem using hybrid particle swarm optimisation algorithm and data mining	Manufacturing Technology and Management				
Karthikeyan, S., <b>P. Asokan</b> , and S. Nickolas	A hybrid discrete firefly algorithm for multi-objective flexible job shop scheduling problem with limited resource constraints	The International Journal of Advanced Manufacturing Technology 72(9-12)	72(9-12)	2014	1567-1579.	
Karthikeyan, S., <b>P. Asokan</b> , and M. Chandrasekaran	A hybrid discrete firefly algorithm for multi-objective flexible job shop scheduling problems with maintenance activity	In Applied Mechanics and Materials	575	2014	922-925	
Karthikeyan, S., <b>P. Asokan</b> , S. Nickolas, and Tom Page	A hybrid discrete firefly algorithm for solving multi-objective flexible job shop scheduling problems	International Journal of Bio-Inspired Computation	7(6)	2015	386-401.	
Dinesh, S., V. Senthilkumar, <b>P. Asokan</b> , and D. Arulkirubakaran	Effect of cryogenic cooling on machinability and surface quality of bio-degradable ZK60 Mg alloy	Materials & Design	87	2015	1030-1036.	
Vinodh, S., R. Ben Ruben, and <b>P. Asokan</b>	Life cycle assessment integrated value stream mapping framework to ensure sustainable manufacturing: a case study	Clean Technologies and Environmental Policy	1	2015	1-17.	
J. Cyril Pilligrin, <b>P. Asokan</b> , J. Jerald, Sumit Kumar, G. Kanagaraj	Experimental Investigation on Performance of Additive Mixed Dielectric during Micro-Electric Discharge Drilling on 316L Stainless Steel	Materials and Manufacturing Processes		Aug 2016		
Dinesh, S., V. Senthilkumar, <b>P. Asokan</b>	Experimental Studies on Cryogenic Machining of Bio-Degradable ZK60 Mg Alloy Using Micro-	Materials and Manufacturing Processes		Aug 2016		

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### (B) Conferences/Workshops/Symposia Proceedings

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- P.Asokan, M.Sachithanandam, "Simulation of Manufacturing Systems", Second National Conference on CAD/CAM, PSG College of Technology, Coimbatore, 19-20 August 1994, pp. M2.1-2.2.
- P.Asokan, M.Sachithanandam, "An Interactive Computer modeling and simulation for the evaluation of manufacturing planning and control strategies", National Conference on Quality Engineering in Aerospace Technologies, 27-28 Oct 1995, DRDL Hyderabad, pp H1-H6.
- K.Thanga Durai, P.Asokan, M.Sachithanandam, "A Knowledge based simulation of Flexible Manufacturing System", International Conference on intelligent Robotics System. Nov 1995, Bangalore, pp 524-528.
- P.Asokan, M.Sachithanandam, K. Baskar, S. Sathish Kumar, "Development of an algorithm for controlling AGVs in Flexible Manufacturing System", International Conference on CAD CAM, Automation, Robotics and Factories of Future, Jan 1996, New Delhi, pp159-165.
- P.Asokan, M.Sachithanandam, Sitaram Prasad, "Computer Simulation- An aid for class room instruction on FMS", Advanced simulation Technologies International Conference 1998, The society for Computer Simulation International, Boston, Massachusetts, April 1998, pp 135-138.
- M.Sachithanandam, P.Asokan, J. Antony Grieg, "Analysis of Flexible Manufacturing system using ANOVA", National Conference on intelligent Manufacturing Systems, CIT Coimbatore, 6-7 Feb 1998, pp. I3.1-3.4
- P.Asokan, P.Deivam, M.Sachithanandam, "A combined approach for layout optimization using Genetic Algorithm and Simulation", National Conference on Intelligent Manufacturing Systems, CIT Coimbatore, 6-7 Feb 1998, J 4.1-4.8
- P.Asokan, M.Sachithanandam, "A Comparative study of facility layout in FMS using GA under varying genetic operators", AIMTDR Conference, IIT, Kharagpur, December 1998, pp.555-560.
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- P.Asokan, G.Prabhakaran, N.Baskar, R.Saravanan, "Optimization of machining parameters for milling operations using Ant colony algorithm and Genetic algorithm", World class manufacturing, Amrita Institute of technology and science, Coimbatore, 2003, pp 39-46
- Sundara vinayaga murthy, N.Baskar, P.Asokan, "Optimization of machining parameters for multi pass Face milling operation using Particle Swarm Optimization(PSO) Technique, National conference on Modeling and analysis of production systems (MAPS-2004), National Institute of Technology Tiruchirappalli, January 22-23, 2004.
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- R. Prabhakaran, J. Jerald, J. Cyril Pilligrin, P. Asokan, “An experimental investigation of micro-turning process using coconut oil-water emulsion as a green cutting fluid” International conference on Smart design & Sustainable manufacturing, Alagappa Chettiar College Of Engineering And Technology, Karaikudi.
- P. Udayanand, P. Asokan, “Design modification in mixing sphere of supercritical boiler by plugging the nozzles for hydraulic testing – A case study” International conference on Smart design & Sustainable manufacturing, Alagappa Chettiar College Of Engineering And Technology, Karaikudi