## Journals:

- Sudhakara Pandian R., Modrak V., Soltysova Z., Semanco P. (2020) Scheduling Heuristic to Satisfy Due Dates of the Customer Orders in Mass Customized Service Industry. In: Cagáňová D., Horňáková N. (eds) Mobility Internet of Things 2018. Mobility IoT 2018. EAI/Springer Innovations in Communication and Computing. Springer, Cham 04 February 2020DOI https://doi.org/10.1007/978-3-030-30911-4\_16
- S Senthil Kumar, R Sudhakara Pandian, P Pitchipoo (2020) A study on tribological behavior of Al-4%Mg incorporated with MoS2, Materials Research Express, 016578 1-14 Published 20 January 2020https://iopscience.iop.org/article/10.1088/2053-1591/ab6a4e
- 3. R. Kamalakannan, R. Sudhakara Pandian, 2019 A simulated annealing for the cell formation problem with ratio level data, International Journal of Enterprise Network and Management, Volume 10, Issue 1,DOI: 10.1504/IJENM.2019.098107
- 4. T.Anand,R.Sudhakarapandian,2019, A Customer Based Supply Chain Network Design. International Journal of Enterprise Network and Management, 10(3/4)
- 5. V.Kesavan,R.Kamalakannan,R.Sudhakarapandian,P.Sivakumar, 2019.. Heuristic and meta-heuristic algorithms for solving medium and large scale sized cellular manufacturing system NP-hard problems: A comprehensive review, Materials Today. Available online 10 July 2019. https://doi.org/10.1016/j.matpr.2019.05.363
- 6. Soltysova Z. Modrak. V, Pavol, R.Sudhakarapandian, S 2019. Management Production Scheduling and Capacity Utilization in Terms of mass customized Manufacturing, Advances in Manufacturing II Vol-2, LNME, pp.295-306.
- 7. R.Sudhakara Pandian, Soltysova Z. 2018. Management of mass customized orders using flexible schedules to minimize delivery times, Polish Journal of Management Studies, 18 (1), 252-261
- 8. R.Sudhakara Pandian, R.Kamalakannan, 2017. Accepting Algorithm for Cell Formation Problem, International Journal of Advanced Intelligence Paradigms. published on 10th October 2017
- 9. R.Kamalakannan, .R.Sudhakara Pandian, T.Sornakumar and S.S.Mahapatra, 2017. An Ant Colony Algorithm For Cellular Manufacturing System, Applied Mechanics and Materials. Vol.854, pp. 133-141
- 10. S. Muthuvel, S. SaravanaSankar, R. Sudhakara Pandianand M. Muthukannan.2017 Testing and performance analysis of micro encapsulated rice bran distilled fatty acid. Int. J. Computer Aided Engineering and Technology, 9(2), pp. 154–165

- 11. T.Ramya, R.Sudhakara Pandian, 2016. Psychological Distress and Burnout among Information Technology Professionals in India A Pilot Study, Asian Journal of Research in Social Sciences and Humanities, 2016, Vol. 6, Issue: 7 pp.1133-1141
- 12. T.Ramya, R.Sudhakara Pandian, 2016. Quality of Working Life, Organization Commitment and Turnover Intention in Information Technology Industries: Structural Equation Modeling and Fuzzy Approach, Asian Journal of Information Technology, Vol. 6, Issue: 7. Pp. 4790-4799
- 13. R.Kamalakannan, .R.Sudhakara Pandian, T.Sornakumar and S.S.Mahapatra, 2016. A Discrete Particle Swarm Optimization For Cellular Manufacturing System, Asian Journal of Information Technology. Volume: 15, Issue: 17 pp. 3287-3295.
- 14. Kamalakannan, R.Sudhakarapandian, Sornakumar and Mahapatra 2015. A Discrete GA for the Cell formation Problem using Ordinal level data, International Journal of Applied Engineering Research, Vol 10 No.20, 20078-20087.
- 15. S Muthuvel, S Saravanasankar, R Sudhakarapandianand M Muthukannan, 2014. Numerical And Experimental Analysis On Inorganic Phase Change, Material Usage In Construction, Journal of The Institution of Engineers (India): SERIES A (2014) 95: 231. doi:10.1007/s40030-014-0101-z
- 16. S Muthuvel, S Saravanasankar, R Sudhakarapandianand M Muthukannan, Passive cooling by phase change material usage in construction, 2014, Building Services Engineering Research and Technology Volume: 36 issue: 4, page(s): 411-421, DOI: 10.1177/0143624414556123.
- 17. S. Rajesh, S. Rajakarunakaran, R. Sudhakarapandian, P. Pitchipoo (2013), "MOORA based tribological studies on red mud reinforced aluminum metal matrix composites", Advances in Tribology, DOI: 10.1155/2013/213914, 8.
- 18. S. Rajesh, S. Rajakarunakaran, R. Sudhakarapandian. 2013. Optimization of the Red Mud Aluminum Composite in the Turning Process by the Grey Relational Analysis with Entropy, Journal of Composite Material. Vol 48, Issue 17, 2014.
- 19. S. Rajesh, D. DevarajR. Sudhakarapandian, S. Rajakarunakaran. 2013. Multi response optimization of machining parameters of red mud based aluminum metal matrix composites, International Journal of Advanced Manufacturing Technology. 67 (1-4), 811-821.
- 20. S. Rajesh, S. Rajakarunakaran, R. Sudhakarapandian, M. Uthayakumar. 2012. Modeling and optimization of specific wear rate and coefficient of friction of aluminum based red mud metal matrix composites using Taguchi method and Response surface methodology, Journal of Material physics and Mechanics 15, 150-166.
- 21. R.Sudhakara Pandian, Pavolsemanco, VladimirModrak and Peter Knuth 2011. Using genetic algorithm for elimination of exceptional elements in the stage of PFA. Journal of Engineering and Applied Sciences 6(2): 122-126,.

- 22. Manimaran.M, Venkumar.P, SudhakaraPandian, R. 2011. Manufacturing Cell formation using graph decomposition. International Journal of Services and Operations Management. Vol. 7, No.3 pp. 300 316
- 23. SudhakaraPandian, R. and Mahapatra, S.S. 2010. Cell Formation with Operational time using modified ART 1 networks. International Journal of Services and Operations Management. Vol. 6, No.4 pp. 377 397
- 24. SudhakaraPandian, R. and Mahapatra, S.S. 2009, Manufacturing cell formation with production data using neural networks. Computers & Industrial Engineering, Vol.56, *Issue 4, May 2009, Pages 1340-1347*
- 25. SudhakaraPandian, R. and Mahapatra, S.S. 2008. Cell Formation with Ordinal Level Data Using ART1 Based Neural Networks. International Journal of Services and Operations Management, 4 (5). pp. 618-630.
- 26. SudhakaraPandian, R. and Mahapatra, S.S. 2008. Cell Formation with sequence data using ART 1 networks. Industrial Engineering Journal, India
- 27. Mahapatra, S.S. and SudhakaraPandian, R.2008. Machine Cell Formation in CMS using Ratio level Data. International Journal of Advanced Manufacturing Technology, August 2008, Vol. 38, Issue 5-6, pp 630-640
- 28. Mahapatra, S.S. and SudhakaraPandian, R. 2007. Modified ART 1 applied to Machine Cell Formation, Manufacturing Technology and Research: An International Journal, 3 (1-2), pp.26-30
- 29. Mahapatra, S.S. and SudhakaraPandian, R. 2006, Adaptive resonance theory applied to generalized machine cell formation. International Journal for Manufacturing Science and Technology, 8(1), 13-21.
- 30. SudhakaraPandian, R. 2005. Cell Formation Using Artificial Neural Network. Manufacturing Technology and Research: An International Journal, 1(2), pp.71-76.
- 31. SudhakaraPandian, R. 2003. Cell formation using artificial neural network by metaheuristics learning. Manufacturing Technology Today, 2 (4), pp.16-20