

List of Publications

International Journals

1. Dixit, A.R. and Mishra, P.K. (2007) 'An efficient algorithm for the machine/part grouping problem considering machines' overloading and important production parameters', *International Journal of Advanced Manufacturing Systems*, Vol 10, No 2, pp 15-36.
2. Dixit, A.R. and Mishra, P.K. (2008) 'Design of flexible manufacturing cell considering uncertain product mix requirement', *International Journal of Agile system and Management*, Vol. 3, Nos. 1/2, pp. 37-60.
3. Dixit, A.R. and Mishra, P.K. (2008) 'Flexible manufacturing cell design under stochastic product mix environment', *International Journal of Applied Management and Technology*, Vol 5, Num-3 pp 125-140.
4. Dixit, A.R. and Mishra, P.K. 'Cell formation considering real-life production parameters', *International Journal of Manufacturing Technology & Management* (In Press)
5. Dixit, A.R. and Mishra, P.K. 'Ex-CLASS: Extended Cell formation and Layout Selection considering production parameters with Sequence data', *International Journal of Product Development* (Accepted)

International/National Conferences:

6. Dixit, A.R. and Mishra, P.K. (2007) " An Efficient Algorithm for the Manufacturing Cell Design Considering Machines" Loading and Important Production Parameters", *Proceeding on Seventh Global Conference on Flexible Manufacturing systems Management*, India, pp 107-127.
7. Dixit, A.R. and Mishra, P.K. (2007) "Two Phase Heuristic Based Approach in cellular manufacturing system", *Proceeding on Seventh Global Conference on Flexible Manufacturing systems Management*, India, pp 335-349.
8. Dixit, A.R. and Mishra, P.K. (2007) "Flexible manufacturing cell design under stochastic product mix environment" *International Conference on Advanced Manufacturing Engineering (ICAME2007)*, India, 24-26 October 2007.
9. Dixit, A.R. and Mishra, P.K. (2007)"Heuristic Based Approach of Cell Formation Considering Operation Sequences", *International Conference of*

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Manufacturing Engineering and Engineering Management, London, 2-4 July 2007. ICMEEM-44 The World Congress on Engineering 2007 Proceedings book Volume-II (978-988-98671-2-6) PP 1101-1107.

10. Dixit, A.R. and Mishra, P.K. (2004) "Machine Cell Formation Using Genetic Algorithm", *Proc. of the National Conference on Advanced Manufacturing and Robotics* held at Central Mechanical Engineering Research Institute, Durgapur, West Bangal, India, 10-11 January, pp.293-299.
11. Agarawal S., Tiwari S., Dixit, A. R. " Biomedical System, Application in Predeiction of Earthquake" *International Conference on Dynamic system & Application*, Turkey, 5-10 July 2004.
12. Dixit, A.R., Gupta Manish, Narian Rakesh (2009) "Role of Information Technology in E-Procurement" National seminar on " recent advances on information technology (RAIT-2009)", held at ISMU, Dhanbad (Feb 6-7, 2009)