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Research papers

1. **Ashwani Dhingra** and Pankaj Chandna(2010) , "Hybrid Genetic Algorithm for SDST flow shop scheduling with due dates: A case study" *International Journal of Advanced Operation Management. Inderscience Publishers Switzerland, Vol.2, No. 3/4. pp. 141- 161.* (**ISSN - 1758-9398)**

2. **Ashwani Dhingra** and Pankaj Chandna (2010) , "Multi-objective Flow Shop Scheduling using Hybrid Simulated Annealing" *Measuring Business Excellence, Emerald Insights* Vol. 14, No.3, pp. 30-41**. (ISSN: 1368-3047)**

3. **Ashwani Dhingra** and Pankaj Chandna (2010), "A Bi-criteria M-Machine SDST Flow Shop Scheduling Using Modified Heuristic Genetic Algorithm" *International Journal of Engineering Science & Technology (IJEST) Nigeria,* Vol. 2, No.5, pp. 216-225. **(ISSN- 2141-2839 (Online); ISSN 2141-2820 (Print))**

4. **Ashwani Dhingra** and Pankaj Chandna (2009) "Hybrid Genetic Algorithm for Multicriteria Scheduling with Sequence Dependent Set up Time" *International Journal of Engineering, Malaysia,* Vol. 3, No. 5, pp.510-520. **(ISSN-1985-2312)**

5. Pankaj Chandna and **Ashwani Dhingra** (2008) **"**GA framework for Job shop Scheduling Problem with Due Dates" *Productivity: a quarterly journal of the national productivity council*, Vol. 50, no. 2, pp.152. **(ISSN-0032-9924)**

6. **Ashwani Dhingra** & Bhim Singh "Job shop scheduling: Techniques and Applications" ***Proceeding of DST sponsored National Conference on Recent Trends in Mechanical Engineering***, September 8 - 9, 2006, held at Rayat Institute of Engineering and Information Technology, Ropar, Distt. Nawashahar, Punjab, pp. 274 – 279.

7. Bhim Singh & **Ashwani Dhingra** "Lean Manufacturing: A waste reduction technique" ***Proceeding of DST sponsored National Conference on Recent Trends in Mechanical Engineering***, September 8 - 9, 2007, held at Rayat Institute of Engineering and Information Technology, Ropar, Distt. Nawashahar, Punjab, pp. 174-176.

8. Pooja Gupta and **Ashwani Dhingra** "Noise Pollution and Control" ***Proceedings of HEC sponsored National Seminar on Environment challenges: Sustainable Development***, March 29 - 30, 2010, held at **M.D University Rohtak-Haryana.**

9. Pankaj Chandna and **Ashwani Dhingra** "GA framework for JSSP for minimizing the total weighted squared tardiness and mean of the squares of completion time deviations from a common due date" ***Proceedings of International Conference on supply chain Management held at California (USA)***, September, 2007.

10. **Ashwani Dhingra** and Pankaj Chandna "Hybrid GASA for Multi-Criteria SDST Flow Shop Scheduling" proceeding of **2nd International conference on production and Industrial Engineering (CPIE-2010),** Dr. B.R Ambedkar N.I.T Jalandhar, pp. 1317 – 1323. **(ISBN 978-81-920453-0-6)**

11. **Ashwani Dhingra** and Pankaj Chandna "Analysis of hybrid genetic algorithm for SDST flow shop scheduling with multiple objectives" **International Conference on Industrial Engineering and Systems Management (IESM-2011)** during 25th may to 27th may 2011 at **Metz France.**