

## King Khalid University

### College of Engineering/Chemical Engineering Department

#### Publication Details

##### Publications in 2017-2018

1. Ahmed M. Abed and Adel Abd Elmo'z Ibrahim, Defect Control via Forecasting of Processes' Deviation as JIDOKA Methodology, Department of Industrial Engineering, Zagazig University, Egypt. 8th international conference on Industrial Engineering and Operations Management; Indonesia March 6-8, 2018
2. Hadeer Awad, Raafat Elshaer, and Gamal Nawara, "An Effective Genetic Algorithm for Capacitated Vehicle Routing Problem ", 8th international conference on Industrial Engineering and Operations Management; Indonesia March 6-8, 2018
3. ELSyed, Shaik Dawood.A.K, Karthikeyan, "Intelligent Maintenance System by Using MARKOV Chain with Monte Carlo Simulation Approaches , Journal of Mechanical and Civil Engineering -IOSR volume 15, Issue 1, 2018, pp 18-24
4. Shaik Dawood.A.K, ELSyed Abdul rahaman Role of Lean Manufacturing Tools in Soft Drink Company, International Journal of Mechanical Engineering (IJME) volume 5, Issue 1, 2018, pp 1-7
5. Shaik Dawood.A.K, ELSyed Karthikeyan Evaluation of universities services by using fuzzy analytical hierarchy process, International Journal of Advanced Research in Engineering Technology & Science, Volume: 04, Issue: 02 2017 pp 24-36
6. Shaik Dawood.A.K, ELSyed Karthikeyan Evaluating Alternatives through the Application of Topsis Method with Entropy Weight, International Journal of Engineering Trends and Technology (IJETT), Volume-46, Number-2
7. 2017, PP 60-66.
8. Shaik Dawood.A.K, Harish, A comparative study on effects of quenching and aging process on tribological properties of Al-6061 based hybrid composite, Journal of Mines, Metals and Fumes(JMMF), Volume-65,
9. ICEAT special issue, part II- 2017.
10. Shaik Dawood.A.K, ELSyed, Karthikeyan, Using Vikor Technique for Evaluating Customer Satisfaction in Bank Using Entropy Weight International Journal of Innovative Research in Science, Engineering and Technology Volume: 06, Issue: 05 2017 pp 9655-9663
11. Shaik Dawood.A.K, Harish, A comparative study on prediction of wear properties of Al6061 based hybrid composite using artificial neural network and finite element method Journal of Mines, Metals and Fumes(JMMF) Volume-65, ICEAT special issue part II- 2017
12. Mallick, J., Ram, Khan R., Fakhrul, S. and Qureshi, M. N. (2018), GIS-Based Landslide Susceptibility Evaluation Using Fuzzy-AHP Multi Criteria Decision Making Techniques in the Abha Watershed, Saudi Arabia Environmental Earth Sciences (1.569) (Under Print).

13. Mohammad Azam, Qureshi, M.N, Talib, F. (2017), Quality Evaluation of Health Care Establishment Utilizing Fuzzy AHP, International Journal of Service Science, Management, Engineering, and Technology, Vol.8 No.4,pp.83-120.
  14. Mwafak Shakoor, Moayyad Al-Nasra, Wisam Abu Jadayil, Nasser Jaber and Qureshi, M.N (2017): A simulation model for performance evaluation of resources in a radiology department, International Journal of Healthcare Management, DOI: 10.1080/20479700.2017.1399236.
  15. Patel, H., Bulsara, H. P., and Qureshi M. N. (2017), "Phase Change Material with Thermal Energy Storage System and Its applications: A Systematic Review", Indian Journal of Science and Technology, Vol.8 No.1, ISSN: 0974-5645 (online).
  16. Qureshi, M.N., Ram Karan Singh, Mohd. Abul Hasan (2017), Decision support model to select crop pattern for sustainable agricultural practices using fuzzy MCDM, Environment, Development and Sustainability, pp.1-19.
  17. Sundarani, S.H. and Qureshi, M.N. (2017), "Study Of Adoption Barriers For Flexible Manufacturing System In Industry", Vol.6 No.4, pp.453-455, ISSN:2277.
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1. Shouman, M.A., Abou-Elnour A.A., El-Awady M., and Mansour, M.A.A, (2002). A comprehensive classification scheme for FMSs scheduling problems, Alexandria University Journal. Vol.41, pp. 887-897.
2. Shouman, M.A., Abou-Elnour A.A., El-Awady M., and Mansour, M.A.A, M, (2003). Inventory sorting rules and dispatching strategies for scheduling jobs in FMSs using a real-time genetic algorithm, The 18<sup>th</sup> International Conference in Computer-Aided Production Engineering CAPE2003 England, pp. 123-135.
3. Shouman, M.A., Abou-Elnour A.A., El-Awady M., and Mansour, M.A.A,(2004). Solving the multi-objective machine loading problem of the FMSs using genetic algorithms, the 8<sup>th</sup> International Conference on Production Engineering Design and Control, PEDAC'2004 December 2004, Alexandria, Egypt.
4. Shouman, M.A., Abou-Elnour A.A., El-Awady M., and Mansour, M.A.A, M, (2004). Performance appraisal of some rule-oriented algorithms and a genetic-based algorithm for FMSs scheduling, the 8<sup>th</sup> International Conference on Production Engineering Design and Control, PEDAC'2004 December 2004, Alexandria, Egypt.
5. Mansour, M.A.A, (2007). A GA-based approach for solving simple assembly line balancing problems of type-II, Proceedings of the 37<sup>th</sup> International Conference on Computers and Industrial Engineering, October 20-23, 2007, Alexandria, Egypt, pp. 1651-1661.
6. Mansour, M.A.A, (2007). A practical investigation of GA's parameters on a set of simple assembly line balancing problems, Proceedings of the 37<sup>th</sup> International Conference on Computers and Industrial Engineering, October 20-23, 2007, Alexandria, Egypt, pp. 2143-2154.
7. Mansour, M.A.A, and Dessouky, M.M, (2008). Selecting observations for the SPOT5 satellites via tuned genetic algorithms, the 38<sup>th</sup> Conferences in Computers and Industrial Engineering, Beijing, China.

8. Mansour, M.A.A, and Dessouky, M.M, (2010). A genetic algorithm approach for solving the daily photograph selection problem of the SPOT5 satellite, *Computers & Industrial Engineering*, 58,3, 509-520.
9. Mansour, M.A.A, and Dessouky, M.M, (2010). A hybrid genetic algorithm for solving the joint batching and scheduling of a batch processor with earliness and tardiness penalties. *International Journal of Industrial and Systems Engineering*, 5, 2, 143-158
10. Mansour, M.A.A, (2011). Solving the periodic maintenance scheduling problem via genetic algorithm to balance work force and maintenance cost, *American Journal of Engineering and Applied Sciences*, 4, 2, 223-234.
11. Mansour, M.A.A, (2011). A genetic algorithm for scheduling jobs on a single machine with a stochastic controllable processing, tooling costs, and earliness-tardiness penalties, *American Journal of Engineering and Applied Sciences*, 4, 3, 333-341.
12. Mansour, M..A., (2016). Hand Anthropometric Data for Saudi Arabia Engineering Students of Aged 20-26 Years at King Khalid University, *American Journal of Engineering and Applied Sciences*, 00, 00, 0000-0000. (Accepted under publishing)
13. Mansour, M..A., (2016). [Developing an Anthropometric Database for Saudi Students and Comparing Saudi Dimensions relative to Turkish and Iranian Peoples](#). *American Journal of Engineering and Applied Sciences*, 00, 00, 547-557. (Accepted under publishing).
14. Bulsara, H.P., Qureshi, M.N. and Patel, H.K.(2016), "Green Supply chain performance measurement: an exploratory study, *International Journal of Logistics Systems and Management (IJLSM)*, Vol. 23, No. 4,
15. G.P. Kurien and Qureshi, M.N. (2015), "Analysis and measurement of supply chain flexibility", *International Journal of Logistics Systems and Management (IJLSM)*, Vol. 21, No. 1,pp.70-91
16. Mohammad Azam, Qureshi, M.N.and Talib, F. (2015), "AHP Model for Identifying Best Health Care Establishment", *International Journal of Productivity Management and Assessment Technologies*,Vol.3 No.2,pp.34-66
17. Ansari, Z, A. and Qureshi, M. N. (2015), "Sustainability in supply chain management: an overview", *The ICFAI Journal of Supply Chain Management* , Vol. XII, No. 2, pp. 24-46. ISSN: 0972-9267
18. Bulsara, H.P., Qureshi, M.N. and Patel, H.K.(2014), "Supply Chain Performance Measurement: An Exploratory Study", *International Journal of Logistics Systems and Management (IJLSM)*, Vol.18 No.2. pp.231-249, ISSN: 1742-7967
19. Shoman M. A and Elsayed A. Elsayed, "An Experimental Approach For Optimization Surface Quality Parameters", *Al-Azhar Engineering 7th International Conference AEIC*, Cairo, Egypt, VII, No II, 7-10 April, 2003.
20. Abdel-Razek A. Abuol-Nour and Elsayed A. Elsayed, "Methods Used For Solving Project Management Problems And their Comparisons", *International Operations Research conference*, Zagazig University, VII, 1997.
21. A.K.Shaik Dawood, A.Riaz, Lean Manufacturing in measuring customer Expectations at an airport, *International Journal of Current Research(ICR)*, vol 6, issue 9,Sept 2014, pp 8380-8383
22. A.K.Shaik Dawood, Vaddi, Application of queuing theory models for optimized service to air line passengers, *International Journal of Current Research* Vol. 7, Issue, 09, pp.20544-20547, September, 2015

23. A.K.Shaik Dawood, Azem Hafiz , Design of Supply Chain Network Model And Optimization, International Journal of Engineering Research and Applications (IJERA), Vol. 3, Issue 1, January -February 2013, pp.302-307
24. A.K.Shaik Dawood, Karthikeyan , Application of non -traditional optimization for quality improvement in tool holders, International journal of mechanical engineering and technology (IJMET), Volume 3, Issue 3, Sep- Dec(2012), pp. 362-377
25. A.K.Shaik Dawood, Vaddi Application of queuing theory models for optimized service to air line passengers, International Journal of Current Research Vol. 7, Issue, 09, pp.544-547, 2015
26. A.K.Shaik Dawood, Reducing the Surface Roughness of Pneumatic Cylinder Piston Rod in Turning Process Using Genetic Algorithm, Engineering Science and Technology International Journal, issue Vol. 2, No.4 August 2012, pp 566 -571.
27. EL Syed , A.K.Shaik Dawood, Fuzzy Measurement of University Students Importance Indexes by Using Analytical Hierarchy Process. International Refereed Journal of Engineering and Science, Volume 6, Issue 1 (January 2017), PP.36-45
28. EL Syed , A.K.Shaik Dawood, Evaluation of Universities services by using Fuzzy analytical Hierachy , International Journal of Advanced Research in ISSN: 2394-2819 E Engineering Technology & Science , Volume-4, Issue-2, February- 2017
29. EL Syed , A.K.Shaik Dawood, Estimate Survival Time of Students at College of Engineering by Using Makovian Matrix, International Journal of Research in Management Sciences Volume 5, Issue 1, January-March, 2017, pp. 01-10
30. M.T. Jamali, Mohd Ziaulhaq, A.Suhail, Mohammad Khalid (Jan- Feb. 2015),” The Effect of Imbalance on the Performance of Un-paced Production Line – A Mathematical Modeling Approach” , IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), PP 14-19, Volume 12, Issue 1 Ver.
31. 2 M.T. Jamali, Mohd. Ziaulhaq, and others (Dec 2013),” Study of process parameters effect on Surface finish in Al- alloy Sand casting By using Taguchi Method”, IJERT, Vol. 2- Issue 12