

**LIST OF PUBLICATIONS**

1. Giriraj M and Muthu S (2010) 'Layerless manufacturing & SAP - Creating responsive shop floor in the supply chain', International Journal of Engineering and Technology, 2(2), pp. 59-64.
2. Giriraj M and Muthu S (2010) 'Gain real visibility of sap shop floor transactions', International Journal of Engineering and Technology, 2(2), pp. 55-58.
3. Giriraj M , Muthu S, and Pasupathy S.A. (2012) 'A web-based manufacturing execution system for industry services and supply chain management: Application to real-time process virtual monitoring', Communications in Computer and Information Science, 330(1), pp. 406-411.
4. Giriraj M and Muthu S (2012) 'From cloud computing to cloud manufacturing execution assembly system', Communications in Computer and Information Science, 330(1), pp. 303-312.
5. Giriraj M and Muthu S. (2013) 'A cloud computing methodology for industrial automation and manufacturing execution system', Journal of Theoretical and Applied Information Technology, 52(3), pp. 301-307.
6. Venkatesan N, Asokan M.A, Senthur Prabu S, Giriraj, M and Vanitha D (2014) 'Study of ground water contamination at Tamil Nadu chromate chemicals limited, plant and its surrounding area in SIPCOT industrial complex in Ranipet in Vellore district, India', International Journal of ChemTech Research, 6(7), pp. 3651-3657.
7. R.Uday Sekhar Reddy and Mannayee Giriraj (2015) 'Design and Implementation for Theft Vehicle Tracking and Engine-Disengaging System', International Journal of Engineering Research And Management, 2(5), pp. 120-122.
8. T.S.Viswanathan, K.Srnivasan, V.Sairam and M.Giriraj (2016) 'Influence of temperature on behavior of concrete', Journal of Chemical and Pharmaceutical Sciences, 1(3), pp. 97-100
9. Giriraj M , Pudi.Anvesh (2016) 'Contolling Of Servomotors According To Pitch And Yaw And Roll Motions Of Accelerometer', IEEE, 1(1), pp. 886-889.
10. Giriraj Mannayee ,S.Muthu (2016) 'A Survey on Cloud resource configuration in Manufacturing execution system Platform using Pharmaceutical Industries', Journal of Chemical and Pharmaceutical Sciences, 1(1), pp. 125-136.
11. Giriraj Mannayee and Muthu S (2016) 'Design and analysis of enhancing secure data in a pharmaceutical industry manufacturing execution system platform using a cloud computing paradigm', Journal of Chemical and Pharmaceutical Sciences, 1(3), pp. 79-82.
12. Giriraj Mannayee, Srivani A and K.Manikandan (2016) 'Design and evaluation of massive information in a MES Platform utilizing Hadoop Framework in drugs industries', Journal of Chemical and Pharmaceutical Sciences, 3(1), pp. 31-34.
13. Jaya Bharat Annamdevula and Giriraj M (2016) 'Automated Operation of Packaged AC for Industrial Cooling using Microcontroller', International Journal of Engineering Research & Technology, 5(5), pp. 415-417.
14. K. Neethu, M. Boopathi, Giriraj Mannayee and T. C. Kanish (2016) 'Fuzzy Logic based Speed Control of BLDC Motor on Sensorless Technique for Space Applications', Indian Journal of Science and Technology, 9(27), pp. 1-9.
15. M. Boopathi and Giriraj Mannayee (2016) 'Finite element analysis of electrically enhanced friction stir welding', Journal of Chemical and Pharmaceutical Sciences, 1(3), pp. 1-5.
16. Senthilkumar S, Boopathi M, Srivani A and Giriraj Mannayee (2017) 'A Review on Application of Acoustic Emission Analysis in Friction Stir Welding', Journal of Chemical and Pharmaceutical Sciences, 10(1), pp. 1-8.
17. G. Kalaiarasan, Giriraj Mannayee, Boopathi M, Somanadh Mayakoti and K. Krishnamurthy (2017) 'Analysis Of Hydraulics Actuator Speed Control Using Digital Hydraulics ', International Journal of Mechanical Engineering and Technology, 8(7), pp. 213-224.

18. Giriraj Mannayee, C. Pandivelan, M. Boopathi and P Ponnusamy (2018) 'Design And Analysis Of Secure Data Enhancement In A Digital Manufacturing System', International Journal of Mechanical Engineering and Technology, 9(7), pp. 659-668.