

Recent Publications of Dr.K.Paneer Selvam

Dr.K.PANNEERSELVAM

Assistant Professor,
Department of Production Engineering,
National Institute of Technology,
Tiruchirappalli-620015
Tamil Nadu, India.
E mail:kps@nitt.edu
Phone:04312503515 Mobile:9952842776

List of Publications

1. K.Panneerselvam, S.Aravindan and A.NoorulHaq, “Hybrid of ANN with genetic algorithm for optimization of frictional vibration joining process of plastics” International Journal of Advanced Manufacturing Technology, 42, (2009), 669-677.**Impact Factor: 1.103**
2. P. Sathiya, S. Aravindan, A. NoorulHaq, K. Panneerselvam, “Optimization of friction welding parameters using evolutionary computational techniques” journal of materials processing technology 209 (2009) 2576–2584. **Impact Factor: 1.783** .
3. P. Sathiya, K. Panneerselvam, M.Y. Abdul Jaleel, “Optimization of laser welding process parameters for super austenitic stainless steel using artificial neural networks and genetic algorithm” Materials & Design, 36(2012) 490-498. **Impact Factor: 2.20**
4. P. Sathiya, K. Panneerselvam, R. Soundararajan, Optimal design for laser beam butt welding process parameter using artificial neural networks and genetic algorithm for super austenitic stainless steel” Optics & Laser Technology, 44(6) (2012),1905-1914. **Impact Factor: 1.515**
5. K. Panneerselvam, S. Aravindan, A. Noorul Haq “Study on resistance welding of glass fiber reinforced thermoplastic composites” Materials & Design, 41, (2012), 453-459. **Impact Factor: 2.20**
6. K. Panneerselvam, K. Pradeep, P. Asokan “Optimization of End Milling Parameters for Glass Fiber Reinforced Plastic (GFRP) Using Grey Relational Analysis Original Research Article” Procedia Engineering, 38(2012) 3962-3968. **Impact Factor: 0.235**
7. K. Panneerselvam and K. Lenin, Investigation of Effect of tool Forces and joint defects during FSW of Polypropylene plate. Procedia Engineering 38 (2012) 3927-3940. **Impact Factor: 0.235**
8. K. Panneerselvam and K. Lenin, Effects and Defects of the Polypropylene plate for Different parameters in Friction stir welding process. International journal of Research in Engineering and Technology, 2(2) (2013) 143-152. **Impact Factor: 2.375**

9. K. Panneerselvam and K. Lenin, Study on hardness and microstructural characterization of friction stir welded nylon 6 plate. *International Journal of Mechanical Engineering*, 2(2) (2013) 51-62. **Impact Factor: 3.2766**
10. Lenin, K., K. Panneerselvam, Optimizing the welding parameters of Friction stir welding by using resultant force and defects for Nylon 6 material, *International Journal of Mechanical Engineering*, 2(2), (2013) 77-84. **Impact Factor: 3.2766**
11. Lenin, K., K. Panneerselvam, Joining of Nylon 6 plate by friction stir welding process using threaded pin profile, *Materials and Design (Elsevier)*, 53, (2014) 302–307. **Impact Factor: 2.20**
12. K Lenin, H Abdul Shabeer, K Suresh Kumar and K Panneerselvam, Process parameters optimizations for friction welding of polypropylene materials using Taguchi's approach, *Journal of Scientific & Industrial Research*, 73, (2014) 369-374.
13. Shunmugesh K., Panneerselvam K., Pramod M. and Amal George, Optimization of CNC Turning Parameters with Carbide Tool for Surface, Roughness Analysis Using Taguchi Analysis, *Research Journal of Engineering Sciences*, 3(6), (2014) 1-7.
14. Shunmugesh. K, Panneerselvam. K, Jospaul Thomas, A nova Based Optimization of Machining Parameters in Drilling of Glass Fiber Reinforced Polymer (GFRP) Composites, *International Journal of Emerging Engineering Research and Technology*, 2(3),(2014) 53-60.
15. Shunmugesh K., Panneerselvam K., Pramod M. and Amal George, Optimization of Turning Parameters with Carbide Tool for Surface Roughness Analysis, *International Journal of Emerging Engineering Research and Technology*, 2(2),(2014), 149-154.
16. Shunmugesh K, Panneerselvam. K, Jospaul Thomas, Optimising Drilling Parameters Of GFRP By Using Grey Relational Analysis, *International Journal of Research in Engineering and Technology*, 03(06), (2014), 302-305.
17. Shunmugesh.K, Panneerselvam K, Amal George, Optimization Of Turning Parameters With Carbide Tool For Surface Roughness Analysis Using Response Surface Methodology, *International Journal Of Research In Aeronautical And Mechanical Engineering Optimization Of Turning Parameters*,2(6),(2014) 17-27.
18. K.Panneerselvam, S.Aravindan and A.NoorulHaq,“An innovative approach for optimization of Frictional Vibration Joining Process” *The International Journal for Manufacturing Science & Production*, 9, 3-4, (2008), 203-216.
19. K.Panneerselvam, S.Aravindan and A.NoorulHaq, “Joining of thermoplastic by frictional vibration”, *Journal of Modern Manufacturing Technology*, 1(1), (2009), 83-92.
20. K.Panneerselvam, S.Aravindan and A.NoorulHaq, “A Heuristic Approach For a Real Time -Mixed Model Assembly Systems To Reduce Idle Time And Material Handling Cost”, *International Journal of logistics and supply chain management* 1(2),2009, pp.97-101.(Selected form the Proceeding of Six international on Supply chain management and Information system (SCMIS-2008), December 8-10, 2008, 690-695).

21. Krishnasamy Vijaykumar, Kavan Panneerselvam, and Abdullah Naveen Sait (2014). Machining Parameter Optimization of Bidirectional CFRP Composite Pipe by Genetic Algorithm. *Materials Testing*: Vol. 56, No. 9, pp. 728-736.
22. K Vijay Kumar, A Naveen Sait, and K Panneerselvam, Machinability study of hybrid-polymer composite pipe using response surface methodology and genetic algorithm, *Journal of Sandwich Structures and Materials*, 2014; 16(4), 418-439.
23. Panneerselvam, K., and K. Lenin. "Parameters optimization in FSW of Polypropylene base on RSM" *Multidiscipline modeling in Materials and Structures*, 11(1), 32 – 42.
24. Sudhir kumar and K. Panneerselvam. "Research on tribological behaviors of pure and glass fiber reinforced nylon 6 composites against polymer disc" *Journal of material science and mechanical engineering* Vol. 2, No. 6 (2015): 24-28
25. Sudhir kumar and K. Panneerselvam. "Multi objective optimization of friction and wear of pure and glass fiber reinforced nylon 6 composites using taguchi based grey relational technique" *Journal of material science and mechanical engineering* Vol. 2, No. 10 (2015): 7-11

Recent Publications of Dr.VR. Pramod

Dr. V.R. Pramod.

Associate Professor

Department of Mechanical Engineering

N.S.S. College of Engineering (Govt Aided Autonomous Institute),

Palakkad-8

Kerala, India

+91 9495120609 +91 4792472436

pramodvram@rediffmail.com

List of Publication

- 1 Pramod V.R. and Banwet D.K. .(2014) FISIM for Analyzing the Interrelationships between Customer Receptivity aspects, *Int. J. Business Excellence*(Accepted for Publication). Vol. 7, No. 5, pp.549–564.
- 2 Jayalakshmi,B. and Pramod V.R (2013) Hybrid SWOT-AHP Analysis of ICT Enabled Control System in the Process Industry - A Case study International Journal of Computer Applications , Vol 72, No.4, pp:9-14
- 3 Poduval,P.S Pramod, V. R. and Jagathy Raj V. P.(2013) Barriers In TPM Implementation In Industries,International journal of scientific & technology research, Vol 2, Issue 5, may 2013
- 4 Ambika Devi Amma.T., Dr. Radhika.N., Dr. Pramod.V.R 'ISM for Analyzing the Interrelationship between the Inhibitors of Cloud Computing' Vol-II, Issue-3, September 2012 ISSN: 2231-4946 International Journal of Computer Applications in Engineering Sciences-An International, Interdisciplinary, Peer-Reviewed Journal
- 5 Ambika Devi Amma.T., Dr. Radhika.N., Dr. Pramod.V.R., 'MCDM Approach for the Adoption of Best Cloud' Volume 63-No.15, February 2013, International Journal of Computer Applications (0975-8887)_Referred Journal
- 6 Ambika Devi Amma.T., Dr. Radhika.N., Dr. Pramod.V.R., 'Modeling the Interrelationship between the Enablers of Cloud Computing' Volume 67-No.20, April 2013, International Journal of Computer Applications (0975-8887) –Referred Journal
- 7 Sugumaran, C., Muthu, S.,Devadasan, S.R., Pramod, V.R. and Srinivasan, K. (2013) 'Continuous maintenance quality improvement using analytic maintenance quality function deployment technique', *Int. J. Services and Operations Management*, Vol. 14, No. 4, pp.509–543.
- 8 Jayalakshmi. B and, Pramod. V.R (2013) 'Interpretive structural Modeling the enablers for implementing ict enabled wireless control in industry' *International Journal of Computer Engineering and Technology (IJCET)*, Vol.4, Issue 4, July-August (2013), pp. 233-239
9. Jayalakshmi.B and Pramod.V.R (2013) 'Interpretive Structural Modeling of the Prospects of ICT Enabled Process Control in the Industry, International organization of Scientific Engineering Research of Computer Engineering', Vol 11, Issue 2, May-June 2013, pp 57-63
10. Jayalakshmi.B and Pramod.V.R 'Introduction of Information Technology in process Industry', International journal of Scientific and Engineering Research, Vol 4, issue6 June 2013, PP. 1437-1445.

11. Davy George Valavi and V.R Pramod (2013) A Fuzzy Based Maintenance Quality Function Deployment Application for An Automoble Service Station International Journal of Engineering , Research and Technology (IJERT) Vol. 2 Issue 11, November – 2013
12. Jacob P. George and Pramod V.R. (2013) ‘SWOT Analysis of steel rolling mills (A comparative study of international brand with a local brand) International Journal of Scientific and Research Publications, Volume 3, Issue 12, December 2013 pp.1-15
13. Jacob P. George and Pramod V.R. (2013) ‘ISM for analyzing the safety of SRRMS’, International Journal of Scientific and Research Publications, Volume 3, Issue 12, December 2013 pp:1-9
14. Ambikadevi Amma.T, N. Radhika, Pramod .V.R (2014) TOTAL INTERPRETIVE STRUCTURAL MODELLING ON ENABLERS OF CLOUD COMPUTING IJRET Volume-03 Issue-06.
15. Ambikadevi Amma.T, N. Radhika, Pramod .V.R (2014) "*Modelling structural behaviour of inhibitors of cloud computing - A TISM approach.*" "Transactions on Networks and Communications"
16. Pramod, V.R. and Banwet, D.K. (xxxx) ‘ISM for understanding the enablers of telecom service supply chain’, *Int. J. Business Excellence*, Vol. X, No. Y, pp.xxx–xxx.
17. Ambikadevi Amma.T, N. Radhika, Pramod .V.R (2014) FISM and FMICMAC Analysis on Enablers of Cloud Computing International Journal of Computer Applications (Vol. 91 – No.6, pp.0975 – 8887.
18. Prasanth S. Poduval V. R. Pramod Jagathy Raj V. P. , (2015),"Interpretive Structural Modeling (ISM)and its application in analyzing factors inhibiting implementation of Total Productive Maintenance (TPM)", International Journal of Quality & Reliability Management, Vol. 32 Iss 3 pp. 308 - 331
19. Jacob P. George and Pramod V.R. (2014) "EIGHT PILLARS OF TPM: A CASE ANALYSIS FOR STEEL RE ROLLING MILLS". IJMTM, Accepted for publication.
20. Jayalakshmi.B and Pramod.V.R (2014) "Total Interpretive Structural Modeling (TISM) of the Enablers of a Flexible Control System for Industry" Global Journal of Flexible Systems Management. Accepted for publication.
21. Pramod.V.R, Banwet .D.K.,and Sharma.P.R.S (2014) ISM for understdsning the barriers of service supply chain management: A Telecom perspective. Gitam Review of International Business, Vol.6. No.1, pp.27=43