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List of Publications

1. D. Sivasamy, M. Dev Anand, K. Anitha Sheela, 'Robot Forward and Inverse Kinematics Research using Matlab', International Journal of Recent Technology and Engineering, Volume 8, Issue 2, July 2019.
2. J Giftson, Anbarasu Muthusamy, Vagesh Shangar Ramani, Gurtej Bhachchu, R Sivasubramanian, M Anand, K Arun, 'Evaluation and Selection of Turbocharger Meeting BS6 Emission Norms for 1.99 l Engine', SAE Technical Paper, 2019-26-0058, 2019.
3. R Ajith Raj, M Dev Anand, 'Modeling and Prediction of Mechanical Strength in Electron Beam Welded Dissimilar Metal Joints of Stainless Steel 304 and Copper Using Grey Relation Analysis', International Journal of Engineering & Technology, Volume 7, 2018, Pages 198-201.
4. R Ajith Raj, M Dev Anand, 'Microstructural Evaluation and Tensile Characterization of Electron Beam Welded Dissimilar Metal Joints of Copper and Stainless Steel 304' International Journal of Mechanical Engineering and Technology, Volume 9, Issue 3, March 2018, Pages 519–528.
5. Ajith Raj, R., Dev Anand M, 'A survey on future research about electron beam welding for aerospace applications', China Welding (English Edition), June 2018.
6. CJ Satish, M Anand, 'V Trace-A Tool for Visualizing Traceability Links among Software Artefacts for an Evolving System', Bulletin of Electrical Engineering and Informatics, Volume 6, Issue 2, 2017, Pages 201-218.
7. Gopu P, Dev Anand M, Rajesh R, 'Prediction of electrical discharge machining process parameters by artificial neural network based on response surface method' Journal of Advanced Research in Dynamical and Control Systems, Pages 335-344, January 2018.
8. Jai Aultrin, K.S., Dev Anand, M., 'PSO approach on cutting parameters in awjm process for copper iron alloy' Journal of Advanced Research in Dynamical and Control Systems, 10(8):376-383, January 2018.

9. Ajith Raj, R., Dev Anand, M., 'Microstructural characterizations using SEM/EDAX and X-ray diffraction analysis on tig and electron beam welded dissimilar metal joints of copper and stainless steel 304' *Journal of Advanced Research in Dynamical and Control Systems*, 10(8):345-351, January 2018.
10. Ajith Raj, R., Dev Anand, M., 'Prediction and error analysis of tensile strength and micro hardness in electron beam welded copper and stainless steel 304 dissimilar metals joint using intelligent techniques' *Journal of Advanced Research in Dynamical and Control Systems*, Volume 10, No. 8, Pages 328-334, October 2018.
11. Albi, Dev Anand, M., Joselin Herbert, 'Aerodynamic analysis on wind turbine aerofoil' *International Journal of Engineering & Technology*, 7, 2018, Pages 456-465.
12. S.H. Jamshak, M. Dev Anand, S.B. Akshay, S. Arun, J. Prajeev, Prajeesh Prabhakaran, 'Design and Analysis of a Plate Heat Exchanger in the View of Performance Improvement and Cost Reduction', *International Journal of Engineering & Technology*, 7, 2018, Pages 440-446.
13. Jerold Jose, P., Dev Anand, M., 'Comprehensive analysis of TIG Welded Inconel-718 alloy for different heat input conditions' *International Journal of Engineering & Technology*, 7, 2018, Pages 206-209.
14. Gopu, P & Dev Anand, M. 'Experimental investigation on friction stir welding process using ANFIS model' *International Journal of Mechanical Engineering and Technology*, 8, 2017, Pages 886-895.
15. Rajesh R & Dev Anand M & Benny K.N 'Prediction of EDM process parameters for AISI 1020 steel using RSM, GRA and ANN' *International Journal of Mechanical Engineering and Technology*, 8, 2017, 924-940.
16. Jacob Raglend, I & Dev Anand, M. 'Inverse kinematics solution of a five joint robot using recurrent neural network algorithm' *International Journal of Mechanical Engineering and Technology*. Volume 8, 2017, Pages 941-958.
17. Senthil Anbazhagan, A.M. & Dev Anand, M. 'Investigation and modeling on dynamic failure mode-I type crack transitions in pressure vessel geometry' *International Journal of Mechanical Engineering and Technology*. Volume 8, 2017, Pages 896-911.
18. Senthil Anbazhagan, A.M. & Dev Anand, M. 'Investigation of temperature distribution on combined pressurevessel column' *International Journal of Civil Engineering and Technology* 8(8):889-897, January 2017.
19. Siddique Ahmed Ghias, A & Dev Anand, M & Jacob Raglend, I & Shamila, F. 'Solution for a Five Link Industrial Robot Manipulator Inverse Kinematics Using Intelligent Prediction Response Method' *Indian Journal of Science and Technology* 9(21) · June 2016

20. S. Jai Aultrin, K & Dev Anand, M. 'Experimental Investigations and Prediction on MRR and SR of Some Non-Ferrous Alloys in AWJM using ANFIS' Indian Journal of Science and Technology 9(13) · April 2016
21. Rajesh, R & Dev Anand, M. 'Development of Hybrid Modeling and Prediction of SR in EDM of AISI1020 Steel Material Using ANFIS' Indian Journal of Science and Technology 9(13) · April 2016
22. Jackson, D & Dev Anand, M & Sivarajan, T & Prabha, D. 'Development of Utilizing Magnetic Brake in Small Wind Turbine Speed Control using Fuzzy Logic Controller' Indian Journal of Science and Technology 9(13) · April 2016
23. M. Senthil Anbazhagan, A & Dev Anand, M. 'FEM with Analytical Approach based Wind and Seismic Design Recommendations for Vertical Tall Process Column' Indian Journal of Science and Technology 9(13) · April 2016
24. Dev Anand, M & Devadhas Glan & Prabhu N & Karthikeyan T 'Ceramic Monolith Heat Exchanger - A Theoretical Study and Performance Analysis' Indian Journal of Science and Technology 9(13) · April 2016
25. Devadhas Glan & Dev Anand M & Prabha D. 'Characterization of Hydrocarbons Generated from Electric Discharge Machining of Aluminum based Composite Material' Indian Journal of Science and Technology 9(13) · April 2016
26. Dev Anand M & Ananth Vijay & Jackson D & Prabhu N.'Investigation of Biodiesel Production from High Free Fatty Acid through RSM' Indian Journal of Science and Technology 9(13) · April 2016
27. Dev Anand M & L. Maharaja N & Sanu Kailordson K & Prabhu N. 'Theoretical Study and Analysis on Performance Enhancement of a Ceramic Monolith Heat Exchanger' Indian Journal of Science and Technology 9(13) · April 2016
28. Prabhu N & Dev Anand M & Satish S & C.K. Akhil 'Dynamic Modeling of Scorbot-ER Vu Plus Industrial Robot Manipulator using LabVIEW' Indian Journal of Science and Technology 9(13) · April 2016
29. Dev Anand M & Janardhanan K.A. & Jai Aultrin K.S. & Kinslin D. 'Prediction of quality response by AWJM process for aluminium 6061 alloy using ANN' Journal of Chemical and Pharmaceutical Sciences 9(1):341-346 · January 2016
30. Jai Aultrin K.S. & Dev Anand M. 'Multi-objective optimization of abrasive water jet machining of aluminium 6061 alloy by grey relational analysis' Journal of Chemical and Pharmaceutical Sciences 9(1):410-417 · January 2016

31. Dev Anand M & Kesavan S & Gopu P & J Rohith 'Development and experimental analysis of magneto rheological fluidbased suspension model' Journal of Chemical and Pharmaceutical Sciences 9(1):462-464 · January 2016
32. Rajesh R & Dev Anand M & Gopu P & Raja Sherin E. 'ANFIS-based surface roughness prediction model for EDM of aluminium-based composite material'International Journal of Enterprise Network Management 7(4):365 · January 2016.