

Publications of DC member 4(Dr. M. Dev Anand):

NUMBER OF PUBLICATIONS: 20

1. D Sivasamy, **MD Anand**, KA Sheela. Robot forward and inverse kinematics research using MATLAB. International Journal of recent technology and engineering 8 (2S3), 29-35, 2019.
2. P Gopu, **MD Anand**. RSM And ANFIS Based Parameters Prediction of Robot Using GRA. International Journal of Engineering & Technology 7 (4.36), 604-607, 2018.
3. RA Raj, **MD Anand**. Modeling and prediction of mechanical strength in electron beam welded dissimilar metal joints of stainless steel 304 and copper using grey relation analysis. Int. J. Eng. Technol 7, 198-201, 2018.
4. SH Jamshak, **MD Anand**, SB Akshay, S Arun, J Prajeev, P Prabhakaran. Design and Analysis of a Plate Heat Exchanger in the View of Performance Improvement and Cost Reduction. International Journal of Engineering & Technology 7 (3.27), 440-446, 2018.
5. PJ Jose, **MD Anand**. Comprehensive Analysis of TIG Welded Inconel-718 Alloy for Different Heat Input Conditions. International Journal of Engineering & Technology 7 (3.6), 206-209, 2018.
6. R Rajesh, **MD Anand**, KN Benny. Prediction of EDM process parameters for AISI 1020 steel using RSM, GRA and ANN. International Journal of Mechanical Engineering and Technology 8 (5), 924-940, 2017.
7. AMS Anbazhagan, **MD Anand**. Design and crack analysis of pressure vessel saddles using finite element method. Indian J. Sci. Technol 9 (21), 38-47, 2016.
8. ASA Ghias, SV Ananth, **MD Anand**, GG Devadhas. Experimental study of thermal performance of coil in shell heat exchanger. Indian J. Sci. Technol 9, 1-17, 2016.
9. AMS Anbazhagan, **MD Anand**. FEM with Analytical Approach based Wind and Seismic Design Recommendations for Vertical Tall Process Column. Indian Journal of Science and Technology 9, 13, 2016.
10. D Jackson, **M Dev Anand**, T Sivarajan, DM Mary Synthia Regis Prabha. Development of utilizing magnetic brake in small wind turbine speed control using Fuzzy Logic Controller. Indian Journal of Science and Technology 9, 13, 2016.
11. N Prabhu, **MD Anand**, S Satish, CK Akhil. Dynamic Modeling of Scorbot-ER Vu Plus Industrial Robot Manipulator using LabVIEW. Indian Journal of Science and Technology 9, 13, 2016.

12. RA Raj, **MD Anand**, KLD Wins, AS Varadarajan. ANFIS based Model for Surface Roughness Prediction for Hard Turning with Minimal Cutting Fluid Application. Indian Journal of science and technology 9 (13), 2016.
13. GJ Raglend, **MD Anand**, D Prabha. Inverse kinematics solution of a five joint robot using narx algorithm, Journal of Chemical and Pharmaceutical Sciences 9 (4), 2677-2687, 2016.
14. A Raj, KLD Wins, **MD Anand**, AS Varadarajan. Performance Evaluation of Vegetable Oil based Cutting Fluid during Hard Turning of AISI 4340 Steel with Minimal Cutting Fluid Application. Indian Journal of science and technology 9 (13), 0974-5645, 2016.
15. **MD Anand**, SV Ananth, D Jackson, N Prabhu. Investigation of Biodiesel Production from High Free Fatty Acid through RSM. Indian Journal of Science and Technology 9, 13, 2016.
16. **MD Anand**, GG Devadhas, N Prabhu, T Karthikeyan. Ceramic Monolith Heat Exchanger-A Theoretical Study and Performance Analysis. Indian Journal of Science and Technology 9, 13, 2016.
17. KS Jai Aultrin, **M Dev Anand**. Development of an ANN Model to Predict MRR and SR during AWJM Operation for Lead Tin Alloy. Indian Journal of Science and Technology 9 (13), 1-8, 2016.
18. R Rajesh, **MD Anand**. Prediction of EDM Process Parameters for a Composite Material using RBFNN and ANN through RSM. Indian Journal of Science and Technology 9 (13), 1-12, 2016.
19. KJ Aultrin, **MD Anand**. Experimental investigations and prediction on MRR and SR of some non ferrous alloys in AWJM using ANFIS. Indian J Sci Technol 9, 13, 2016.
20. KJ Aultrin, **MD Anand**. Optimization of Machining Parameters in AWJM Process for Lead Tin Alloy Using RSM and Regression Analysis. International Review of Mechanical Engineering 9, 136-144, 2015.