

### **Publication record for past 5 years**

1. RVP Kaviti, D Jeyasimman, G Parande, M Gupta, R Narayanasamy, Investigation on dry sliding wear behavior of Mg/BN nanocomposites 2018, Journal of Magnesium and Alloys 6 (3), 263-276
2. D Jeyasimman, K Sivaprasad, S Sivasankaran, R Ponalagusamy, Microstructural observation, consolidation and mechanical behaviour of AA 6061 nanocomposites reinforced by  $\gamma$ -Al<sub>2</sub>O<sub>3</sub> nanoparticles 2015, Advanced Powder Technology 26 (1), 139-148
3. D Sudhakar, D Jeyasimman, M Duraiselvam, Dry Sliding Wear Behavior of Cr<sub>3</sub>C<sub>2</sub>-NiCr Coating on Austenitic Stainless Steel 2015, International Journal of Core Engg & Management 1 (12), 215-225
4. D Jeyasimman, R Narayanasamy, R Ponalagusamy, Role of hybrid reinforcement on microstructural observation, characterization and consolidation behavior of AA 6061 nanocomposite 2015, Advanced Powder Technology 26 (4), 1171-1182
5. S Saravanan, M Saravanan, D Jeyasimman, Study on Effects of Spring back on Sheet Metal Bending Using Simulation Methods 2018, International Journal of Mechanical and Production Engineering Research and ...
6. D Jeyasimman, R Narayanasamy, Effect of coarse grain content on microstructure, cold workability and strain hardening behavior of trimodal AA 6061 nanocomposites reinforced with multi-walled carbon nanotubes 2016, Advanced Powder Technology 27 (4), 1845-1851
7. D Jeyasimman, K.Gurunathan and R.Narayanasamy, Drysliding wear behavior of AA 6061-MWCNTs nanocomposites prepared by Mechanical Alloying 2016, IOSR Journal of Mechanical and Civil Engineering 13 (4), 46-53
8. R Suresh, AA Jasim, ORA Nagdev, BB Sabin, V Nagaraj, D Jeyasimman, Design and Analysis of Remotely Amphibious Drone 2020, International Journal of Innovative and Exploring Engineering 9 (5), 284-287
9. RVP Kaviti, D Jeyasimman, G Parande, M Gupta, R Narayanasamy, Improving the friction and wear characteristics of AZ31 alloy with the addition of Al<sub>2</sub>O<sub>3</sub> nanoparticles 2019, Materials Research Express 6 (12), 126505
10. N Ramasamy, D Jeyasimman, R Kathiravan, N Raju, Influence of Welding Sequence on Residual Stresses Induced in As-Welded Plug Weld of Low-Carbon Steel Plate 2019, Transactions of the Indian Institute of Metals 72 (5), 1361-1369
11. S Saravanan, M Saravanan, D Jeyasimman, M Vairavel, Review-Methods and measurements of Spring back Evaluation 2018, International Journal of Mechanical Engineering and Technology (IJMET) 9 (5 ...
12. S Saravanan, M Saravanan, D Jeyasimman, M Vairavel, Review-Methods and Measurements of Springback Evaluation 2018, International Journal of Mechanical Engineering and Technology 9 (5), 1079-1090
13. D Jeyasimman, Ujendra kumar komal, Narayanasamy R, Effect of a coarse grain matrix phase in AA 6061-TiC nanocomposites on microstructure, cold workability and strain hardening behaviour 2016, International Journal of Engineering Research & Technology 5 (01), 508-515
14. IK Subramanian, D Jeyasimman, A Manivannan, J Kesavan, Optimization of surface roughness parameters for EN 8 steel by tungsten carbide tool in turning operation 2015, International Journal of Advanced Engineering and Technology 4 (06), 776-781

15. N Ramasamy, D Jeyasimman, R N, Effect of Intermetallic compounds and inclusions in normalizing rolled C-Mn Steel plate butt joint failure 2020, Transaction of Indian Institute of Metals
16. MV S. Saravanan, M. Saravanan, D. Jeyasimman, S. Vidhya, Art of Single Step Analytical Analysis for Spring back Formation in “U” Bending Forming Process 2020, International Journal of Innovative Technology and Exploring Engineering ...
17. MV S. Saravanan, M. Saravanan, D. Jeyasimman, S. Vidhya, Experimental Prediction of Spring back in U Bending Profile Process Modeling using Artificial Neural Network 2020, International Journal of Innovative Technology and Exploring Engineering ...
18. N Ramasamy, D Jeyasimman, Performance Analysis of Chromium Carbide Overlay in Coal Nozzle Tip for Utility Boilers 2020, International Journal of Innovative Technology and Exploring Engineering 9 ...
19. CV Govindan, D Jeyasimman, M Ganesh, N R, Defect Inspection Based on Segmentation and Defective Tracking in Radiographic Image 2019, International Journal of Recent Technology and Engineering 8 (4), 11228-11236
20. D Jeyasimman, V Senthilkumar, R Narayanasamy, Hot Deformation Response of Al 6061-MWCNTs Alloy Composites 2019, International Journal of Innovative Technology and Exploring Engineering 8
21. IK Subramaniyan, PK Srividhya, D Jeyasimman, Effect of Feeding Technique in Mechanical Behaviour of Sic/Tio<sub>2</sub> Reinforced AA 6082 Composites 2019, International Journal of Recent Technology and Engineering 8 (3), 8233-8236
22. S SARAVANAN, M SARAVANAN, D JEYASIMMAN, STUDY OF SPRING BACK EFFECTS ON U-BENDING PROFILE PROCESS IN COMMON METAL SHEETS 2019, International Journal of Mechanical and Production Engineering Research and ...
23. S SARAVANAN, M SARAVANAN, D JEYASIMMAN, EXPERIMENTAL PREDICTION AND INVESTIGATION OF SPRING BACK IN U BENDING PROFILE PROCESS USING RSM AND ANOVA 2019, International Journal of Mechanical and Production Engineering Research and ...
24. SB Bakrudeen, D Jeyasimman, Contemplation of Microstructure deflection of butterfly valve disc using aluminium (1100) and Al-SiC15% composite material 2017, Indian Journal of Scientific Research 14 (1), 152-158
25. R Udhayasankar, D Jeyasimman, D Sudhakar, Optimization of microstructure and mechanical behavior of Aluminum metal matrix composites produced by stir casting subjected to friction stir processing 2017, Indian Journal of Scientific Research 14 (1), 223-227
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27. R Thiyagarajan, D Jeyasimman, Design of Snap Fit for plastic press button and Mold Engineering 2017, International Journal of Trend in Research and Development 4 (2), 804-809
28. NV Koralkar, M Bose, Full title (Editorial Board Members) 2016, ADVANCED POWDER TECHNOLOGY 27 (5), i-i
29. AM Ismail, D Jeyasimman, A Manivannan, An investigation of heat affected zone in tailor welded AA 5052 and AA 6061 alloy blank materials 2015, International Journal of Innovative Science, Engineering & Technology 2 (8 ...
30. D Sudhakar, D Jeyasimman, M Duraiselvam, R Thiyagarajan, An investigation of dry sliding wear behavior of hybrid (Al<sub>2</sub>O<sub>3</sub> +TiO<sub>2</sub>) coating on austenitic stainless steel. 2015, International Journal of Advanced Research in Biology, Ecology, Science and ...