

Last 5years publication list

1. Kannan P R, Senthilkumar P, Suresh P and Sekar T (2020), 'Fuzzy Sliding Mode Control for Hydraulic activated active suspension using Half Car Model', International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Trans Stellar (UGC Approved), Vol. 10, Issue 4 (August), pp: 93-102.ISSN (P):-2249-6980,ISSN (E):2249-8001.
2. Mohansendrayan A, Surendran R, Sekar T and Nandakumar N (2020), 'Investigation on Mechanical Properties of LM13 Aluminium Hybrid Composites', Journal of Xidian University, China, Vol.14, Issue 6, pp. 2061-2069 (UGC approved Journal- June 2020 Published -ISSN: 1001-2400)
3. Senthilraja, K ,Kannan P R,Suresh P and Sekar T (2020), 'Corrosion and Fatigue study on FSW and GTAW welded joints of AA7075-T6', Journal of Xidian University, China, Vol.14, Issue 5, pp. 5484-5492 (UGC approved Journal- May2020 Published -ISSN: 1001-2400)
4. Vignesh S, Surendran R, Sekar T and Rajeswari B (2020), 'Ballistic impact analysis of Graphene Nano-sheets reinforced Kevlar-29', Materials Today: Proceedings, Elsevier, ISSN:2214- 7853, Article In press (March, 2020)
5. Muthukumaran N, Devaraj P, Arunkumar P and Sekar T (2020), 'Re-Use of abandoned Sanitary ware waste as Abrasive particles for Abrasive Jet Machine', Materials Today: Proceedings, Elsevier, ISSN:2214- 7853, Article In press (March,2020)
6. Muthukumaran N, Prasanna Raj Yadav, Saravanan C G S and Sekar T (2020), 'Synthesis of cracked Mahua oil using coal ash catalyst for Diesel Engine application', International Journal of Ambient Energy, Taylor and Francis, Vo. 41,Issue 3, pp. 241-256. (Print ISSN: 0143-0750 & Online ISSN: 2162-8246)
7. Sivakumar A, Sathiyamoorthy V, Sekar T and Seenivasan M (2019), 'Investigations on the effects of Copper NanoFluid in Electrochemical Machining of HCHCr Die Steel',Caribbean Journal of Science, Vo. 53, Issue 1, pp. 447-453.(ISSN: 0008-6452)
8. Sivakumar A, Sekar T and Sathiyamoorthy V, (2019), 'Optimization of Material Removal Rate in Electrochemical Machining of AISI 202 with Mixed Electrolytes', Caribbean Journal of Science, Vo. 53, Issue 2, pp. 1352-1360. (ISSN:0008-6452)
9. Sekar T, Vijay M, Rajamurugan T V and Umanath K (2018), 'Experimental Investigation on the impact of Silver Nitrate solution mixed electrolyte in the ECM of AISI 202', International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Trans Stellar (UGC Approved), Vol. 8, Special issue. 7, pp: 985-999. ISSN (P):-2249-6980, ISSN (E):2249-8001.
10. Sivakumar A, Arularasu M and Sekar T (2018) 'Electrochemical Machining of AISI 202 using AgNO₃ mixed Electrolyte and its Optimization', International Journal of Engineering Development and Research, Vol.6, Issue 3, pp: 499-504. (ISSN: 2321-9939)
11. Sekar T ,Vijay M, Arvindhkumar S, Boopathi S and Pavitra K (2018), 'Experimental Investigation and Optimization on Hybrid Metal Matrix Composites through Electrochemical Micro Machining using Taguchi Method', International Research

Journal in Advanced Engineering and Technology, Vol.4, Issue 2, pp: 3034-3045. (ISSN: 2455-0876)

12. Sekar T, Arularasu M and Sathiyamoorthy V (2016), 'Investigations on the effects of Nanofluid in ECM of Die Steel', Measurement, Elsevier, Vol. 83, pp: 38-43. (ISSN: 0263-2241)
13. Sathiyamoorthy V and Sekar T (2016), 'Optimization of processing parameters in ECM of AISI 202 using Multi Objective Genetic Algorithm', International Journal of Enterprise Network Management, Inderscience, Vol. 7, Issue: 2, pp: 133-141. (ISSN (E): 1748-1260)
14. Sathiyamoorthy V, Sekar T and Subramanian M (2016), 'Experimental investigation on the effects of Nano-fluid in ECM of High Carbon High Chromium Die Tool Steel', Asian Journal of Research in Social Sciences and Humanities, Vol.6. Issue.8, pp: 100-110. (ISSN (E): 2249-7315)
15. Kannan P R, Palaniswamy E, Sekar T, Suresh P and Senthilkumar C (2016), 'Nano-Powder mixed ECM of Inconel 718 using ANFIS', International Journal of Advanced Engineering Technology, Vol. VII, Issue. II, pp:546-552. (ISSN(E): 0976-3945)
16. Kannan P R, Palanisamy E, Sekar T and Suresh P (2016), 'Prediction of Surface roughness model for Nano Copper suspended Electrochemically machined Inconel 718 using ANFIS', Asian Journal of Research in Social Sciences and Humanities, Vol.6. Issue.6 (Special), pp:104-113. (ISSN (E): 2249-7315)
17. Kumar A Siva, Arularasu M, Sekar T and Suresh P (2016), 'Investigation on the effects of Silver Nitrate solution mixed electrolyte in Electrochemical Machining of AISI 202', Asian Journal of Research in Social Sciences and Humanities, Vol.6. Issue.8, pp: 2019-2026. (ISSN (E): 2249-7315)
18. Suresh P, Venkatesan R, Sekar T and Kannan P R (2016), 'Investigation and Multi Objective Optimization of MRR and TWR using Taguchi Technique in Micro Electro Discharge Machining', Asian Journal of Research in Social Sciences and Humanities, Vol.6. Issue.6, pp: 2165-2174. (ISSN (E): 2249-7315)
19. Sathiyamoorthy V, Sekar T and Elango N (2015), 'Optimization of processing parameters in ECM of die tool steel using Nano fluid by Multi Objective Genetic Algorithm', The Scientific World Journal, Volume 2015 (2015), pp: 1-6. (ISSN (E): 1537-744X)
20. Sathiyamoorthy V, Sekar T and Subramanian M (2015), 'Optimization of Copper Nano-Fluid Used ECM by Firefly Algorithm', International Journal of Applied Engineering Research (IJAER), Vol. 10, No. 9, pp: 24287-24298. (ISSN(E): 0973-9769)
21. Suresh P, Venkatesan R, Sekar T (2015) 'Development of low cost 3 axes Table top Micro Electro Discharge Machining (Micro EDM)', International Journal of Applied Engineering Research (IJAER), Vol. 10, No.50, pp:226-229. (ISSN (E): 0973-9769)
22. Sathiyamoorthy V, Sekar T and Elango N (2015), 'Optimization of processing parameters in ECM of Automotive die tool steel using MOGA', International Journal of Mechanical Engineering Research (IJMER), Vol. 5, No. 1, pp: 9-18. (ISSN (E):2249-0019)

23. Sathiyamoorthy V, Sekar T, Suresh P, Vijayan R and Elango N (2015), 'Optimization of processing parameters in Electrochemical Machining of AISI 202 using Response Surface Methodology', Journal of Engineering Science and Technology (JEST), Vol.10, No.6, pp:780-789. (ISSN (E): 1823-4690)