

K.M.SENTHIL KUMAR
Associate Professor
Department of Mechanical Engineering,
Kumaraguru College of Technology
MOBILE NO:9894863150
Email ID:kmscit@gmail.com

Journal Publications (2015 – 2020)

1. K.M.Senthilkumar and K. Logash, "Sustainable Manufacturing and Environmental Impact Minimization on EDM Electrode", <i>Journal of Material Science and Mechanical Engineering (JMSME)</i> ISSN: 2393-9095, Volume 2, Number 4; April-June, 2015 pp. 350-353.
2. K.M.Senthilkumar, M.Seenivasan, M.Arularasu, R.Thirumalai, "Disaster Prevention and Control Management in Automation: A Key role in Safety Engineering", <i>procedia earth and planetary sciences</i> 11 (11), 557 – 565.
3. Sangeetha, M., C. Arumugam, and K. M. Senthilkumar. "Encryption for Sharing of Secret Medical Images." <i>Research Journal of Biotechnology</i> 10, no. 2 (2015): 19-21.
4. Sangeetha, M., C. Arumugam, KM Senthil Kumar, and S. Hari Shankar. "An effective approach to support multi-objective optimization in Software reliability allocation for improving quality." <i>Procedia Computer Science</i> 47 (2015): 118-127.
5. Gayathiri K., M. Sangeetha, K.M.Senthilkumar "A Review: potential pharmacological uses of natural products from Laminaceae." <i>Int J Pharma Res Rev [Internet]</i> (2016): 21-34.
6. KK Arun, KS Kumar, KM Kumar, "Sustainable manufacturing for improvement in Flank wear using Vortex tube" <i>Asian Journal of Research in Social Sciences and Humanities</i> Vol. 7 Issue 1 PP 315-323, ISSN 2249-7315.
7. M Seenivasan, M Arularasu, R Thirumalai, K.M.Senthil Kumar, "Implementation of Occupational Health and Safety Analysis in Manufacturing Industries", <i>Asian Journal of Research in Social Sciences and Humanities</i> Vol. 7 Issue 1 PP 384-391, ISSN 2249-7315.
8. Sivasamy, K., C. Arumugam, S. R. Devadasan, R. Muruges, K. K. Arun, and K. M. Senthilkumar. "Overcoming of low discharge problem in shallow well jet pump through the application of total quality function deployment." <i>International Journal of Productivity and Quality Management</i> 24, no. 2 (2018): 242-266.
9. Devan, P. D., K. M. Senthilkumar, and K. K. Arun. "Investigation on Static Stress Analysis of Portal Axle Gearbox." <i>International Journal of Applied Engineering Research</i> 13, no. 7 (2018): 5244-5250.
10. KM. Senthil Kumar , R. Thirumalai , J.S. Senthilkumaar and M. Chandrasekharan, "Experimental investigation of process parameters during environmental friendly turning process", <i>Eco. Env. & Cons.</i> 24 (February Suppl.) : 2018; pp. (S431-S436).
11. K.M.Senthilkumar, , B. Sabitha and N.J.R. Muniraj, "Analysis of MEMS based environmental friendly Titanium Microneedle array for fluid extraction for safer mother and child care", <i>Eco. Env. & Cons.</i> 24 (February Suppl.) : 2018; pp. (S424-S430) Copyright@ EM International ISSN 0971-765X.

12. Thirumalai, R., R. Prakash, R. Ragunath, and K. M. SenthilKumar. "Experimental investigation of mechanical properties of epoxy based composites." <i>Materials Research Express</i> 6, no. 7 (2019): 075309.
13. S. Madhankumar, R. Balamurugan, S. Rajesh, K. M. Senthilkumar, "Fabrication of Al6063 alloy, silicon carbide and boron glass powder metal matrix composites in stir casting process and analysis the impact of process variables on mechanical properties" <i>Materials Research Express</i> ,(2020).
14. K.M. Senthilkumar; R. Thirumalai; K.K. Arun, "Experimental investigation on analysis of performance of vortex tube through implementation of sustainable manufacturing", <i>Int. J. Business Innovation and Research</i> , Vol. 22, No. 2, 2020
15. K.M.Senthilkumar, R Thirumalai, TA Selvam, A Natarajan, T Ganesan "Multi objective optimization in machining of Inconel 718 using Taguchi method", <i>Materials Today: Proceedings</i> (2020).