

DR. MUTHUKUMAR.V

Designation : Professor

Department : Mechanical Engineering

Organization/Institution : Saveetha Engineering College.

MOBILE : 9176941555

E-MAIL : muthukumar@Saveetha.ac.in

Area of Specialization: Development of Composite Materials and Nano Composite Materials Development of Natural Fibre Composites wear Study

Journal publication Details:

- 1, Modelling and static analysis of femoral component in knee joint for 3D printing application, V Muthukumar, P Gopinathan, ISBN 978-93-86638-87-8, 2018.
- 2, Optimization of Anaerobic Bio-Digester Process Parameters for Biogas Production Using Taguchi Method. V Muthukumar, SS Makendar, V.S, Pasupathy, R Nandha Kishore, T Raja, Advanced Science, Engineering and Medicine 10 (No. 03), 518 – 521, 2018.
- 3, A grey-fuzzy approach for optimizing machining parameters and the approach angle in turning AISI 1045 steel. N Senthilkumar, J Sudha, V Muthukumar, Advances in Production Engineering & Management 10 (4), 195-208, 2015.
- 4, Regression analysis of a curved vane demister with Taguchi based optimization ,G Venkatesan, N Kulasekharan, V Muthukumar, S Iniyan, Desalination 370, 33-43, 2015
5. Effect of Machining Parameters on EDM Process Responses: A Taguchi Based Approach For Al-Sic MMC, V Muthukumar, D Veenaraja, R Venkatasamy, M Dharmendhirakumar, International Journal of Applied Engineering Research 10 (No: 2), 3399-3410, 2015
- 6, An accelerated particle swarm optimization algorithm on parametric optimization of WEDM of die-steel, V Muthukumar, AS Babu, R Venkatasamy, NS Kumar, Journal of The Institution of Engineers (India): Series C 96 (1), 49-56 2015

