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Area of Specialisation : CAD

Development of Composite Materials, Wear Study, Machining, Optimisation, FEA, medical
Implants

PUBLICATIONS

1. "Modelling and static analysis of femoral component in knee joint for 3D Printing application", 2018, V. Muthukumar, P.Gopinathan, ISBN 978-93-86638-87-8
2. "Optimization of Anaerobic Bio-Digester Process Parameters for Biogas Production Using Taguchi Method" Vol,10. 518-521, (2018), Advanced Science, Engineering and Medicine,American Scientific Publishers, V. Muthukumar, V.S. Makendar, S.S. Pasupathy, R. Nandha kishore, T.Raja.
3. "A grey-fuzzy approach for optimizing machining parameters and the approach angle in turning AISI 1045 steel", Volume 10, (December 2015), pp 195–208 Advances in Production Engineering & Management ISSN 1854-6250
J. N. Senthilkumar, J. Sudha, V. Muthukumar DOI: [10.14743/apem2015.4.202](https://doi.org/10.14743/apem2015.4.202)
4. "Regression analysis of a curved vane demister with Taguchi based optimization"
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5. "Effect of machining parameters on EDM process responses: A taguchi based approach for Al-Sic MMC", january 2015, International Journal of Applied Engineering Research 10(2):3399-3410, D. Veenaraja, V. Muthukumar , M. Dharmendhirakumar, R. Venkatasamy