Name : Dr G Madhu
Designation : Professor
Department : Environmental Engg and Safety Engg.,
Address : School of Engg., Cochin University of Science and Technology
Phone: 09447366900 E-mail: profmadhugopal@gmail.com

LIST OF RESEARCH PUBLICATIONS

1. Soumyadip Ghosh and **G. Madhu**. An experimental study of dye removal using TiO2 coated coconut husk. ***Indian Journal of Environment Protection***. 40(4):401-407 (2020).
2. Reshma Unnikrishnan, **G. Madhu**. Comparative study on the effects of meteorological and pollutant parameters on ANN modelling for prediction of SO_2. ***SN Applied Sciences*** (Springer (2019) 1:1394 https://doi.org/10.1007/s42452-019-1440-1
3. Padmavathy K.S, Amith Murali, **G. Madhu** & Deepak Kumar Sahoo. Adsorption of hexavalent chromium (Cr(VI)) from wastewater using novel chitosan/halloysite clay nanocomposite films. ***Indian Journal of Chemical Technology***, Vol. 24, November 2017, pp 593-600.(Impact factor: 0.513)
4. Vimalamma T. Abraham, **G. Madhu**, N. Radhakrishnan Nair, and John Britto. "Radiation treatment of skim serum wastewater from natural rubber latex centrifuging units". ***Environmental Research, Engineering and Management***, Vol.73, No.3, 2017 (Impact factor: 0.987)
5. Padmavathy, K.S., **Madhu, G.** and Sahoo, D.K. (2017) 'Use of response surface methodology for optimisation of performance of magnetite nanoadsorbents for removal of hexavalent chromium from wastewater', ***Int. J. Environment and Waste Management***, Vol. 20, No. 1, pp.49–65 (Inderscience).
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7. B. K. Bindhu & **G. Madhu** (2017) Application of grey system theory on the influencing parameters of aerobic granulation in SBR, ***Environmental Technology***, 38:17, 2143-2152, (Taylor & Francis).(Impact Factor: 1.760)
8. Puthenkattil Abdukunji Fasnabi, **Gopal Madhu**, Pooppana Antony Soloman. Removal of Acetamiprid from Wastewater by Fenton and Photo-Fenton Processes – Optimization by Response Surface Methodology and Kinetics. ***Clean – Soil, Air, Water*** 2016, 44 (9999), 1–10 (WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim). (Impact Factor:1.716)
9. B.K. Bindhu and **G. Madhu**. Influence of superficial upflow air velocity on aerobic granulation in sequencing batch reactors. ***J. Environ.Science & Engg.*** Vol. 58, No.2, p 93-100, April 2016.
10. Lakshmi E, **G. Madhu**, Modeling of dissolved oxygen and temperature of Periyar river, South India using QUAL2K, ***International Journal of Computational Engineering Research***, Vol 04, Issue 8, August – 2014.
11. Bindhu B.K and **Madhu G**., Influence of three selection pressures on aerobic granulation in sequencing batch reactor. ***Indian Journal of Chemical Technology***, Vol.22, September 2015, pp. 241-247. (impact factor: 0.513)

12. B.Sajeena Beevi, **G.Madhu**, Deepak Kumar Sahoo. Performance and kinetic study of semi-dry thermophilic anaerobic digestion of organic fraction of municipal solid waste, ***Waste Management***, 36(2015) 93-97. (impact factor: 3.496)