Dr.J.JEYANTHI

PROFESSOR – DEPARTMENT OF CIVIL ENGINEERING,
GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE.

PAPER PUBLISHED IN NATIONAL /INTERNATIONAL JOURNALS

2016

K.R.Aswin Sidhaarth and Jeyanthi.J " Cobalt ferrite Nanoparaticles for ZN(II) removal "Journal of Environmental Science and Engineering,Vol.58No.2,Pp(101-108) April 2016

G. Shyamala and Jeyanthi.J "Groundwater Hydrochemistry Evaluation using Graphical Tools"International Journal of Research in Chemistry and Environment, Vol. 6 Issue 3 (15-18) July 2016, 2248-9649

G. Shyamala and J. Jeyanthi.J, " Nested Hydrochemical and Principle Component Analysis in predicting groundwater quality" ECOLOGY, ENVIRONMENT AND CONSERVATION VOL. 22 (September Suppl.) : 2016 pp. (S205-S213)
0971–765X

G. Shyamala and Jeyanthi.J, " Application of Integrated hydrochemical model and cluster analysis in assessing groundwater quality" International Journal of Ecology & Development, Volume 31, Issue No. 4, 2016
0972-9984

H. Sumathy , Amiya kumar Sahu , R.N.Uma and Jeyanthi.J,"Physico-Chemical Characteristics of Municipal Solid Waste Stream during winter and summer season in Mettupalayam Town, Tamil Nadu" International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 11 No.3 (2016), pp812-820
0973-4562

2017

G. Shyamala and Jeyanthi.J, "Integrated weighted overlay model using inverse and distance weightage for assessing groundwater quality" Journal of Environmental science and management, 20-1;26-32 (June 2017) ISSN 0119-1144

2018

R. Jayalakshmi & J. Jeyanthi, "Synthesis and Structural Characterization of Polymer-Based Cobalt Ferrite Nanocomposite with Core–Shell Structure", Journal of Inorganic and Organometallic Polymers and Materials, © Springer Science+Business Media, LLC, part of Springer Nature 2018, https://doi.org/10.1007/s10904-018-0821-z, Published online:09.03.2018

G. Sharmila, C. Muthukumaran, J. Jeyanthi, "Biogenic synthesis of CuO nanoparticles using Bauhinia tomentosa leaves extract: Characterization and its antibacterial application", Journal of Molecular Structure 1165 (2018) 288e292, pp 288-292.
http://www.elsevier.com/locate/molstrucdhttps://doi.org/10.1016/j.molstruc.2018.04.011

Kanmani.S, Nivedhitha.E, Jeyanthi.J, Lakshmi Priya.T, "Optimisation studies on Coagulation -Flocculation of Leachate using Tamarind seeds", International Journal of Advances in Science, Engineering and Technology (IJASEAT), Vol.6, No:1, Spl Issue: 1, 2018.

Shoba B, Jeyanthi J, Vairam S. "Synthesis, Characterization of cellulose acetate membrane and application for the treatment of oily wastewater". Environmental Technology, (2018), https://doi.org/10.1080/09593330.2018.1543353 Published online:15.11.2018

Lakshmi priya.T Meenambal.T, J.Jeyanthi, Ravikannan, Swathi.S, "Assessment of Phytotoxicity in the Composts Derived through Different Techniques from Municipal Solid Waste and Industrials Solids", Waste Management and Resource Circulation (2018), In Press-Springer

2019

R. Jayalakshmi, J.Jeyanthi. "Simultaneous removal of binary dye from textile effluent using cobalt ferrite-alginate nanocomposite: Performance and mechanism". Microchemical Journal 145 (2019), 791-800. https://doi.org/10.1016/j.microc.2018.11.047

M.Priya, J.Jeyanthi. "Removal of COD, oil and grease from automobile wash water effluent using electrocoagulation technique". Microchemical Journal. https://doi.org/10.1016/j.microc.2019.104070

Govindasamy Sharmila, Chandrasekaran Muthukumaran, Elangovan Suriya, Rajasekar Muppidathi Keerthana, Mani Kamatchi, Narasimhan Manoj Kumar, Tamilalagan Anbarasan, Jeyadharmarajan Jeyanthi, "Ultrasound aided extraction of yellow pigment from Tecoma castanifolia floral petals: Optimization by response surface method and evaluation of the antioxidant activity". Industrial crops and products (2019), vol.130, pp 467-477

2020

Bose Nirosha, Rajendran Selvakumar, Jeyadharmarajan Jeyanthi, Sundararajan Vairam, "Elaeocarpus tectorius derived phosphorus-doped carbon as an electrode material for an asymmetric supercapacitor". New Journal of Chemistry (2020), vol 44, issue 1, pp 181-193.