

Publications

(A) International referred journals

1. Mahesh, S.; Rama, B.M.; Praveena Kumari, H.N.; and Usha Lakshmi K. Intraparticle Diffusion of Dihydric Phenols – Catechol and Hydroquinone on Industrial Grade Granular Activated Carbon. *J of Pollution Research.*, **1999**, 19(3), 405-410.
2. Mahesh, S.; Abhijit, R.S.; and Ramesh, H.S. Swimming Pool Water Quality Status in Mysore City. *J of Pollution Research*, **1999**, 18(4), 467-473.
3. Mahesh, S.; Chitra Gowda.; and Sujana Reddy P. Color – Tannin Removal from Coffee Curing Industrial Effluents using Adsorbents - IGGAC and ACS. *J of Pollution Research*, **1999**, 18 (1), 13-19.
4. Mahesh, S.; Ramesh, H.S.; Mahadevaswamy, M. Assessment of Nutrients in Urban Stormwater Runoff in Mysore City. *J of Pollution Research.*, **2002**, 20(2), 215-218.
5. Mahesh, S.; Prasad, B.; Mall, I. D.; Mishra, I. M. Electrochemical degradation of pulp and paper mill wastewater. Part 1. COD and color removal. *Ind. Eng. Chem. Res.*, **2006**, 45(8), 2830-2839.
6. Mahesh, S.; Prasad, B.; Mall, I. D.; Mishra, I. M. Electrochemical Degradation of Pulp and Paper Mill Wastewater. Part 2. Characterization and Analysis of Sludge *Ind. Eng. Chem. Res.*, **2006**, 45(16), 5766-5774.
7. Mahesh S, Ramesh H. S, Chaitra Masur, Preethi Grace, and D. N Arpitha. Two stage electrochemical degradation of wastewater, black liquor from Pulp and paper mill wastewaters. *J. of Ecotoxicology and Environmental monitoring*. **2010**.
8. Mahesh S, Krithi Venkat, Poojitha N V, Kiran Keri, Kiran Chandra Muthu. Electrochemical Degradation of Healthcare wastewaters for COD removal & water reclamation. *International Journal of Humanities and Environmental Issues*. ISSN No. 2277-9329. Vol.1, Issue 1, **2012**; 27-29.
9. Mahesh S, Thapaswini M R, Anitha. S. Electrochemical Coagulation (ECC) of Textile wastewaters - COD removal, Settleability & Filterability Aspects. *International Journal of Advances in Management, Technology and Engineering Sciences*. ISSN No. 2249-7455. Vol.1, Issue 7(VI), **2012**; 18-20.
10. Shruthi M, Mahesh S, Sahana M. Removal of Arsenic from Groundwater using Electrochemical Coagulation Process. *International Journal of current Engineering and Technology*. **2013**; 24 – 26.

11. Mahesh S, Sahana M, Mahesh S. Batch ECC for removal of organics from hospital waste streams. *International Journal of Civil Engineering and Technology*. 5 (9), **2014**; 34-42.
12. Mahesh S, Manjunath S V, Mahadevaswamy M. Settling and filterability studies of electrochemically treated pulp and paper mill wastewater for removal of COD and SVI control. *International Journal of Scientific and Engineering Research*. **2014**; 2 (8), 83 – 94.
13. Mahesh S, Sahana M, Mahesh S. Batch ECC for removal of organics from hospital waste streams. *International Journal of Civil Engineering and Technology*. **2014**; 5 (9), 34 – 42.
14. Mahesh S, Srikantha H, Lobo A L. Performance Evaluation of two Batch Operations using Electrochemical Coagulation followed by Sequential Batch Reactor in treating Coffee wastewater. *International Journal of Chemical Technology Research*. **2014**; 6 (1), 339 – 346.
15. Mahesh S, Srikantha H, Mohan kumar, Vathsala S. Eutrophication assessment for Dantaramakki lake of Chikmagalur city using GIS Technology. *International Journal of Chemical Technology Research*. **2014**; 8 (1), 440 – 448.
16. Krishna B M, Nagabhushana B M, Anitha S, Sahana M. Color removal from textile wastewaters using CuO nano-particles coated on Sand, Cinder and GAC. *International Journal of Civil Engineering and Technology*. **2014**; 5 (9), 79 – 84.
17. S. Mahesh, M. Sahana, S. Mahesh. “Batch ECC for removal of organics from hospital waste streams”. *International Journal of Civil Engineering and Technology*, vol. 5 (9), pp.34-42, **2014**.
18. Prakash B M, Mahadevaswamy M, Mahesh S and Sharadhini S R. “air Quality Assessment along the Highway due to Vehicular Emissions and Validation of Air Quality Monitoring Data with the CALINE4 Model”, *International Journal of Innovative Research in Science, Engineering and Technology*, Vol.4, pp 8369 – 8376.
19. Mahesh S, Kishor, Garg K K, Srivastava V C, Mishra I M, Prasad B and Mall I D. Continuous electrocoagulation treatment of pulp and paper mill wastewater: operating cost and sludge study. *RSC Advances*. **2016** (6), 16223 – 16233.
20. Prakash B M, Mahadevaswamy M, Mahesh S and Vishala N. “Prediction of Air Pollutants Dispersion Emitted from Point and Line Sources along the Highway Passing Through Industrial Area of Mysuru – AERMOD and CALINE4 Models”, *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 5, pp 14497 – 14508.

21. Prakash B M, Shobhan Majumder, Mahadevaswamy M and Mahesh S. Prediction of air pollutant dispersion from point and line sources and validation of ISCST3 and CALINE4 model data with observed values in the Industrial Area of Mysuru, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6., pp 18333 – 18350.
22. Prakash B M, Shobhan Majumder, Mahadevaswamy M and Mahesh S. Assimilative Capacity and Air Quality Index Studies of the Atmosphere in Hebbal Industrial area, Mysuru, , International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6., pp 20651 – 20662.

(B) Referred National Journals

1. Mahesh, S. Biofilms in Drinking Water Distribution Systems. J of Nature, Environment and Pollution Technology, **2002**, 1(3), 235-239.
2. Mahesh, S.; Ramesh, H.S.; Sudhira, H.S.; and Kumar, B.R. Microbial Scavengers – Fungi for Cu⁺⁺ Removal from Industrial Wastewater, J of Industrial Pollution Control, Vol. **2001**, 17 (1), 135-140.
3. Mahesh, S.; Sowmyashree, N.A.; Sushma, M.L.; and Namratha, H.G. Impact of Amusement Park on Air and Noise Environment. Journal of Environment and Pollution. **2001**, 8 (1), 85-95.
4. Mahesh, S.; Rama, B.M.; Praveena Kumari, H.N.; and Usha Lakshmi, K. Adsorption Kinetics of Dihydric Phenol – Hydroquinone on Activated Carbon. Indian J of Environmental Health, **1999**, 41 (4), 317-325.
5. Mahesh, S.; Chitranshi, U.B.; and Desh Deepak.). Adsorption Kinetics of Dihydric Phenols – Catechol on Activated Carbon. Indian J of Environmental Health, **1998**, 40 (2) 169-176.

(C) Publication In Books

1. Mahesh. S, Gautam kumar Agarwala, Archana Nagaraj, Harish kumar K. M. Treatability studies of Dry Battery cell manufacturing Industry effluents by chemical precipitation and adsorption. A reference book on ‘Advances in Industrial wastewater Treatment’, edited by P.K. Goel. **1999**. 435-452. Technoscience Publications, Jaipur, India.
2. Mahesh, S. Biofilming as a Cause of Degradation of Bacteriological Quality of Piped Treated Water. A Reference Book on ‘Environmental Biotechnology’, edited by Geetha Bali and Ramamurthi Rallapalli. **2002**, 97-106, APH Publishing Corporation, New Delhi.
3. Anitha S, Krishna B M, Nagabhushana B M, Sahana M, Mahesh S. Nano CuO as adsorbent for color removal from textile wastewater. Strategic technologies of Complex

environmental Issues – A sustainable approach. Edited by Prof. Govind Chandra Mishra; Excellent publishing house, New Delhi. ISBN: 978-93-83083-85-5; **2014**, 7 – 12.

(D) Advisory Board

- Advisory Board Member for English monthly Magazine on EnviroWorld – Connecting people to nature, from the year 2017.