

National Conference on
ENERGY AND ENVIRONMENT
 16th and 17th September 2016
 CODDISSIA Trade Fair Complex, Coimbatore

Paper Presentation

Session 1: Water and Wastewater Treatment

S. No.	Ref. No	Title	Institution	Authors
1.1	Env-01-01	Emerging Contaminants in storm water	IIT ,Madras	P. Bala Krishnan and S. Mohan
1.2	Env-01-02	Treatment of textile dyeing wastewater using ozone based AOP in a pilot scale reactor	Anna University, Chennai	b. Shriram and S. Kanmani
1.3	Env-01-03	Wastewater hydroponics bubble technology for improved urban agriculture and ecological conservation	Anna University, Chennai	Saravanan.R., Uvashree Janani.M and Siva Ranjani.K
1.4	Env-01-04	Photo catalyst assisted AOP for treatment of textile effluent water	TCE, Madurai	R.Saravanakumar and M.Kottaisamy
1.5	Env-01-05	Aerobic treatment of wastewater in SBR- an experimental study	CUSAT, cochin	Bindhu B. K., and Madhu G

1.6	Env-01-06	Arsenic sequestration from water by employing silver and titanium nano particles synthesized from eichhornia crassipes	GCT, Coimbatore	Lakshmi Priya Thyagarajan, Meenambal.T Swathi Sudhakar
1.7	Env-01-07	Removal of Organic Pollutants from bleaching Wastewater by Physicochemical processes- A Comparative study	IIT,Bombay	Ninad N. Oke and Anurag Garg
1.8	Env-01-08	Speciation and effectiveness of Aluminium Formate as a coagulant: Promising for water treatment	NIT,Trichy	

Session 2: **Environmental Quality Monitoring**

S. No.		Title	Institution	Authors
2.1	Env-02-01	Modeling of surface level ozone over Delhi region using Data mining Techniques	IIT, Madras	Saranya P and Mohan S
2.2	Env-02-02	A review on thermal Energy audit and energy savings in cement industries	K CT, Coimbatore	S.B Nithyananth and S.R Sanjeev Kumar
2.3	Env-02-03	Assessment of water and soil quality in the urban stretch of Girudhumal river basin, TN,India	TCE, Madurai	M.Dhanasekarapa ndian and S.Chandran
2.4	Env-02-04	Study of Air Quality in Chidambaram town using AQI	Annamalai University	S.Sankaran, V.Kanakasabai & T.Velayutham

2.5	Env-02-05	Air Quality Assessment in the heterogeneous traffic near an urban highway	NIT, Trichy	
2.6	Env-02-06	VOC emission in an industrial area and its control	IIT, Madras	R. Ethirajan and S. Mohan
2.7	Env-02-07	PROSOPIS JULIFLORA ASH AS AN ADMIXTURE IN REACTIVE POWDER CONCRETE	TCE, Madurai	K. Arunachalam, Vigneshwari
2.8	Env-02-08	Water Quality Assessment for Vaigai river	TCE, Madurai	S. Chandran

Session 3: Modern tools for Environmental Management

S. No.	Ref. No	Title	Institution	Authors
3.1	Env-03-01	Smart waste management in smart cities with IoT and BDA	Karunya University, Coimbatore	Lidiya Rachel Jaco, Dr. E. Grace Mary Kanaga and Dr. P. Jegathambal
3.2	Env-03-02	Salt water intrusion studies using visual MODFLOW	Karunya University, Coimbatore	Graham Dunlop, P. Jegathambal, Aswin Kokkat, Edelgard Baumann, E. J. James
3.3	Env-03-03	An integrated ICT based approach for energy and waste management in SMART drip irrigation system	Karunya University, Coimbatore	M.S.P.Subathra John Livingston Chinta Joyson Blessing and Jegathambal
3.4	Env-03-04	An approach towards energy neutral wastewater treatment system	TCE, Madurai	Charles Chelliah,

				Kiruthika Eswari, Maniram Karthik, Nivedhita and Pradeep Pandiyan
3.5	Env-03-05	Modeling microbial contaminant transport in water distribution networks	IIT, Madras	Abhijith G. R., Aneesh B and Mohan S
3.6	Env-03-06	Real time modeling of Groundwater Aquifer Systems	IIT, Madras	Neenu and S. Mohan
3.7	Env-03-07	Optimization of an Integrated Electrocoagulation/Electro oxidation Process for the treatment of pulp and paper wastewater	NIT,Trichy	
3.8	Env-03-08	Removal of Heavy metals from Acid mine drainage (AMD) contaminated with high concentration of Fe,Zn and Cu using Electrocoagulation	NIT,Trichy	

Session 4: Solid waste Management

S. No.	Ref. No	Title	Institution	Authors
4.1	Env-04-01	Advanced oxidation Process for landfill leachate	IIT, Madras	Gokul D and Mohan S
4.2	Env-04-02	Impact of leachate from municipal solid waste dumpsite on ground water in the surrounding environs	IIT, Madras	Vijay V, Charles P. Joseph, Mohan S.
4.3	Env-04-03	Bioleaching – solubilisation of metals from e-waste	GCT, Coimbatore	J. Senophiyah Mary,

				Dr. T. Meenambal
4.4	Env-04-04	Physical parameters influencing bioleaching of metals from e-waste: A Review	PEC, Puducherry	PRADEEPKUMAR . S, S.GOVINDARADJANE, T.SUNDARARAJAN,
4.5	Env-04-05	Bioremediation of pulp and paper industry secondary solids with least phytotoxic end product	GCT, Coimbatore	Meenambal.T , Lakshmi Priya Thyagarajan, Swathi Sudhakar
4.6	Env-04-06	Novel approach for the treatment of Biomedical Waste	IIT, Madras	Sruthy S and Mohan S
4.7	Env-04-07	Polyhydroxyalkanoates(PHA) production from oily Bilge water using mixed culture in Sequencing Batch Reactor(SBR)	NIT, Trichy	
4.8	Env-04-08	Stabilized landfill leachate treatment by Heterogeneous Fenton and Fenton-like process	NIT, Trichy	

Session 5: Climate change and its impact on environment

S. No.	Ref. No	Title	Institution	Authors
5.1	Env-05-01	Irrigation water balance and yield measurement for rice crop grown in semi arid coastal lowland, TN, India	Annamalai University, Annamalai Nagar	R.S. Saravanan A. Murugappan M.V. Sriramachandrasekharan D. Jawahar

5.2	Env-05-02	Sequestration of Carbondioxide and production of biofuel from flue gas of thermal power plants	PEC, Puducherry	N. Madhivanan, Dr. R. Saravanane and Dr. M. Velan
5.3	Env-05-03	Modern approach to tackle traditional challenges in advanced farming technology	PSGIAS, Coimbatore	K. Manjunathan, Vijitha and K. K. Venkataraman
5.4	Env-05-04	Water availability estimation in context of climate change using MIKE models	MPKV, Rahuri	V.R.Mandav, S.D.Gorantiwar and D.S.Pandit
5.5	Env-05-05	Impact assessment of climate change on water resource availability in vaigai river basin: A case study	Anna University ,Chennai	P.Selvan, Dr.S.Chandran, Dr.V.Kumar
5.6	Env-05-06	Investigation of Ground waterquality in coastal plain, Andra Pradesh, India	JNTU, Hyderabad	G.K .vishwanadh and Mohan Babu
5.7	Env-05-07	Urban Rainwater Recharge– A New Approach	JNTU, Hyderabad	M.V.S.S. Giridhar and G.K. Viswanadh
5.8	Env-05-07			

Poster Presentation

S. No.	Ref. No	Title	Institution	Authors
1	Env-06-01	Bio synthesis of silver nano particles from microbes and evaluation of decolorization effect on congo-red dye	GCT,Coimbatore	Lakshmi Priya Thyagarajan, Meenambal.T , Swathi

				Sudhakar
2	Env-06-02	Treatability study on electroplating and dye effluent by electrocoagulation	TCE, Madurai	Usha.S. T.VelRajan
3	Env-06-03	Composting of food waste: A novel approach	CUSAT, Cochin	Anand M
4	Env-06-04	Increasing G/W level by using Canal well	KCT, Coimbatore	K. Manoj