



## Technical Programme for Poster Presentation\*

International Conference on Sustainable Solutions in Industrial Pollution, Water and Wastewater Treatment

November 10-11, 2018

Venue: University Polytechnic Lawns (Boys)

\* It is mandatory for presenters to remain present with their posters during the allotted time. Moreover, registered participants are only allowed for poster presentation.

S.No.	Corresponding Author	Title of the Paper
<b>Day 1, Saturday November 10, 2018</b>		
<b>First Session 10.00 am -1.30 pm</b>		
<b>Wastewater Treatment</b>		
1.	Mohammad Mujahid Ali Khan	Synthesis, Physico-Chemical Characterization and Electrochemical Studies of PVC based Inorganic Composite Membrane for Waste Water Treatment
2.	Monika Bharti	Removal of metformin hydrochloride from wastewater using silver doped graphene oxide.
3.	Saba Beg	Enhanced visible light active Copper Iron co-doped bivo4 photocatalyst for the degradation of phenol for wastewater treatment
4.	Nishat Khan	Bioelectrochemical treatment of trichlorophenol in dual chambered microbial fuel cell
5.	Sadaf Zaidi	Artificial Intelligence (AI)-based Biosorption Models for Cr(VI) ions
6.	Li Lei	The Impacts of Biofilm Extracellular Polymeric Substances (EPS) on the Biocorrosion of Cast Iron
7.	Aastha Dhingra	Critical review on hospital effluent management: legislations/ guidelines in different countries
8.	Abdelmajeed Adam	Structure and Dynamic of Nitrifying Community in a Single Membrane Electro–Bioreactor Process: Towards Stable Process Operation and High Nitrification Rates

9.	Inzmamul Haq	Aerobic granulation technology
10.	S. M. Sulaiman	Physio-chemical investigations on the untreated effluent of sugar mills - A Case Study
11.	M Humam Zaim Faruqi	Physico-chemical characteristics of electroplating wastewater sludge after microwave conditioning
12.	Abdur Rahman Quaff	Removal of arsenic from drinking water by adsorption method using cupric oxide nanoparticles
13.	Abu Darda	Characteristics and adsorption capacity of low-cost biopolymer based nonabsorbent
14.	Mohd Imran Siddiqui	A Review on Sludge Pre-Treatment Methods for Enhancement of Sludge Digestibility and Bio-gas Yield
15.	Adnan khan	Effect of microwave conditioning on total, volatile and fixed solids of wastewater sludge from municipal waste water treatment plants.
16.	Adnan Mateen Qadri	Treatment of Real Slaughterhouse wastewater by a Lab Scale Moving Bed Biofilm Reactor
17.	Q. N. Ahmad	Modelling Bioremediation of Mercury in a Bioreactor
18.	Mir Muhammed Ali	Review on municipal landfill leachate and sequencing batch reactor (sbr) technique
19.	Mohd Ahmed Naim Shaikh	Phosphorus recovery from wastewater treatment & sewage sludge: a review
20.	Adnan Zameer	Biological treatment of restaurant grey water using sequencing batch reactor
21.	Afzal Ansari	Selective Removal of Pb(II) from Industrial Wastewater Using of CuO@Alg Nanocomposite
22.	Ajmal Hussain	Transient analysis in the pipe line network using hammer v8i
23.	S. M. Sulaiman	Use of treated wastewater and sludge waste in concrete production- an overview
24.	Amir Khan	Advanced membrane filtration techniques for heavy metal remediation: a review on emerging trends
25.	Asad Aziz	Slaughterhouse wastewater treatment by sequential anaerobic and aerobic batch reactors (ASBR-SBR)
26.	Dar Tafazul Islam	Optimization of the electro-hydrolytic pretreatment for enhanced biogas production from slaughter house sludge
27.	Arshad Husain	Physico Chemical Treatment of Paper Industry Wastewater by Coagulation and Flocculation
28.	Arshad Husain	Characterization & Treatment of Textile Industry Dye Wastewater by Physico-Chemical Treatment Followed by a System of Constructed Wetlands
29.	H. L. Yadav and A. Jamal	Removal of heavy metals from aqueous solution by industrial waste materials
30.	Muhammad Reshad	Recent Approaches of Wastewater Treatment in India: Review
31.	Sadaf Shakeel	Removal of metal ions from wastewater in bioelectrochemical systems
32.	Rafiuddin	Synthesis and stability determination of PVC based cation exchange composite membrane for waste water treatment
33.	Mohd. Shazeb Nazim	Technological Advancements in the Waste-Water Treatment in Food Industries
34.	Mohd Azam	Comparative study on treatment of pulp and papermill effluent using conventional coagulants

35.	Asad Ashraf	Treatment of slaughter house wastewater by sequential anaerobic aerobic treatment
36.	Mohd Salim Mahtab	Treatment of landfill leachate by advanced oxidation process
37.	Saima Badar	Simultaneous Nitrogen and cod removal from Slaughter Effluent using Aerobic granules in a Column Type Sequencing Batch Reactor
38.	Kaiser Manzoor	Thermodynamic and Kinetic Studies of Arginine Crosslinked Chitosan-Carboxymethyl cellulose Beads for Adsorption of Cadmium and Lead from Wastewater
39.	Iram Arman	Energy Recovery by using Waste to Energy Technologies: a Review
40.	Shahrukh Ahmad	Simultaneous adsorption and biodegradation process in sequencing batch reactor for treating sugar mill wastewater
41.	Shadab Ali Khan	Removal of COD from landfill leachate by Fenton's reagent: Advanced oxidation
<b>Day 1, Saturday November 10, 2018                      Second Session: 2:30 pm- 5:30 pm</b> <b>Ground Water and Surface Water Pollution and Treatment/ Wetlands, Lakes and Ponds</b>		
42.	Arshad Abbas	Common methods and challenges for groundwater modelling: a review
43.	Mahd Zia	Studies on Bioremediation of Oily Sludge
44.	Dr. Sahila Salahuddin	Seasonal fluctuations of groundwater levels in the Indira Gandhi canal command area of hyper arid desert
45.	Sharmin Khan	A study of water crisis in India and the proposed planning strategies
46.	Anjum Zufeshan	Revitalization of rivulets/nala
47.	Kulsum Salahuddin	Water Resource Management in the Water Scarcity Chambal Ravines
48.	Aryan Upadhyay	Water quality status at Dhanipur grains and vegetables mandi Aligarh
49.	Professor Salahuddin Qureshi	Behavioural Approach towards Water Resource Conservation and Sustainable Development in Combination with the Technological Approach
50.	Saqib Ul Kalam	Where ganga dies many death (Kanpur, Allahabad and Varanasi)
51.	Huma Vaseem	Heavy Metal Pollution due to Coal Washery Effluent and its Detoxification Using a Macrofungus, Pleurotus ostreatus
52.	Saif Said	Quantitative Assessment of Pollution in Kali River Stretch Passing through Aligarh District in Context to Irrigational Uses
53.	Bilal Nabi Bhat	HEAVY METAL BIOACCUMULATION IN GILL, LIVER AND MUSCLE OF Channa punctatus (Bloch) FROM RIVER YAMUNA, INDIA
54.	Shadab Khurshid	Hydrochemical attributes and evaluation of water quality in kali river basin, Aligarh, U.P. India.
55.	Roopak Varshney	Disinfection of constructed wetlands effluent through solar driven anodic oxidation and ultra-violet methods

56.	Nadeem Khalil	French type constructed wetlands: an innovative technology to minimize the operational and maintenance costs of domestic wastewater treatment in Indian tropical regions.
57.	Mohammad Hashim	Use of multi-temporal remote sensing data and GIS for wetland change monitoring and degradation of MAU district
58.	A.Bushra	Mathematical Models for the Removal of Heavy Metals in Constructed Wetlands
59.	Kamal KulShrestha	Treatment of domestic waste water in Pilot Vertical Flow Constructed wetland with recycle and with Tidal Flow constructed wetland in India.
60.	Shirjeel Ahmad Siddiqui	Algae in generation of biofuels integrated with wastewater treatment and other applications of algae simultaneously.
61.	Shivangi Singh	Domestic wastewater treatment by aquatic plants-a review
62.	Sudhir Kumar Verma	Adsorption studies of the sugar amino acids onto activated corn cobs powder (accp)
63.	Suruchi Mishra	Analytical Modeling of Normal Strength Concrete and Ultra High-Performance Fiber Reinforced Concrete Slab under Low Velocity Impact using ANSYS
64.	Syed Ahrar Jilani	Microalgae based waste water treatment systems: a critical review
65.	Tarique Ahmad	Utilization of regenerated coagulant from water treatment sludge in purification of surface water
66.	Poornima Varshney	Efficient removal of hexavalent uranium from aqueous solution using polydopamine/hydrous zirconium oxide as adsorbent: kinetic studies
67.	Taskeena Hassan	Spatial and temporal variations of physico-chemical parameters in river Yamuna, Mathura, India
68.	Youchul Jeon	The Impact of Pre-oxidation with Potassium Permanganate in Algae-Laden Water: Evaluation of Cell Viability and Oxidation of MC-LR
69.	Farzanuddin Hisam Ahmad	Comparative Study of Zero Liquid Discharge Technologies: Review
70.	Nafisur Rahman	Efficient removal of hexavalent uranium from aqueous solution using polydopamine/hydrous zirconium oxide as adsorbent: kinetic studies
71.	Zeshan Umer Shah	Pesticide pollution and its impact on fish health
72.	Kumail Mushtaq	Study on Hostel Waste Water Treatment Using Constructed Wetland Technique
<b>Day 2, Sunday November 11, 2018</b>		
<b>Third Session: 10:00 am- 1:30 pm</b>		
<b>Nano Technology/ Air Pollution and Climate Change</b>		
73.	Ameer Azam	Treatment of Industrial Wastewater Using Graphene Oxide Modified tio <sub>2</sub> Photocatalyst
74.	Adil Shafi Ganie	Nano remediation: A holistic approach towards sustainable development of environment
75.	Syed Jafar Mustafa	Theoretical study of Ruthenium and Rhodium Nanoparticles as anti-air pollutants

76.	Dipti Vaya	Photocatalytic Activity of Hybrid Nanocomposite of Iron Oxide
77.	Arshi Choudhry	A modified nanohybrid composite for water purification: preparation, characterization and application
78.	A.R. Samim	Toxic effects of nanoparticles on aquatic organisms: A review of literature
79.	Vasi Uddin Siddiqui	BIOLOGICAL SYNTHESIS AND CHARACTERIZATION OF ZNO NANOPARTICLES USING CURCUMA LONGA EXTRACT
80.	Yashfeen Khan	SYNTHESIS OF A MULTI WALLED CARBON NANO TUBE (MWCNT)/ cds QUANTUM DOTS/ PANI NANO-COMPOSITE
81.	Saif Ali Chaudhry	A facile chemical method to produce super-paramagnetic modified Graphene Oxide nanocomposite and its multiple applications in the removal of heavy metal and dye from aqueous solution.
82.	Anam Siddiqui	Synthesis of carbon nanotubes based green tea composites and its application
83.	Mohammad Muaz	Arresting greenhouse effect using silver nanoparticles
84.	Mohd. Saad Umar	Dual-functionalized polymeric nanoparticles – a theranostic approach for water borne pathogens
85.	Sharf Ilahi Siddiqui	AN ANTIBACTERIAL MATERIAL, MnFe <sub>2</sub> O <sub>4</sub> /BC FOR THE REMOVAL OF METHYLENE BLUE DYE FROM WATER
86.	Sharf Ilahi Siddiqui	A multifunctional nanohybrid composite for water purification: preparation, characterization and application
87.	Sayfa Bano	Synthesis, Characterization and Application of doped tin oxide nanoparticles as Photocatalyst
88.	Ghazala Habib	Particulate and gaseous emissions from light commercial vehicle under no load and full load conditions
89.	Kavita Dev	Study on Noise Absorption and Reflection Behavior for Different Categories of Roadway Pavements.
90.	Dr. Ghazal Salahuddin	Urban climate change, rainfall transition and flood vulnerability in the megacity of Ahmedabad
91.	Ashok Kumar	Pollution prevention approaches to analyse assessment data
92.	Abdul Atiq Siddiqui	Air quality assessment of various zones of Lucknow city using MATLAB tool box: a review
93.	Murtaza Hasan	Characterization and Utilization of Fly Ash to Protect the Environment.
94.	Rais Ahmad	Alginate/Pectin nanocomposite: A novel and ecofriendly adsorbent for the removal of toxic crystal violet dye from aqueous solution
95.	Rumman Zaidi	Adsorption of Fluoride from Aqueous Solution by Cerium-Aluminum Binary Oxide Nanomaterials
96.	Rameez A. Aftab	A review of nanomaterial-based adsorbents for the treatment of waste water
97.	Sadaf Ahmad	Air pollution management in food industries
98.	Taiba Rashid	Synthesis of CNT based ZrW nanocomposite & studying its application
<b>Day 2, Sunday November 11, 2018</b>		
<b>Fourth Session: 02:30 pm- 5:00 pm</b>		
<b>Sustainable Solutions</b>		
99.	P. Sharma	Upgradation to circular cities: transformation towards a sustainable urban future

100.	Moina Athar	Acid catalysed esterification of oleic acid for biodiesel production by microwave irradiation method
101.	Mohammad Haris	Recycle of industrial waste for the management of root-knot nematode to improve the growth of carrot ( <i>Daucus carota</i> )
102.	Mohd. Kamran khan	Environmentally benign water cleansing technology by using organic biomass especially banana peel
103.	Mohd Khalid	Utilization of Fly Ash in Construction Industry: An Eco-friendly approach
104.	M. A. Khan	Shear strength characteristics of solid waste materials fly ash-stone dust-bentonite mixes
105.	M. A. Shoeb	Predicting methane leakage in an area adjacent to the landfill
106.	Manorama Panda and Mohammad Kamil	Enhanced Aqueous Solubility of Polycyclic Aromatic Hydrocarbons by Structurally Different Gemini and Conventional Surfactants: A Comparative Study
107.	Masood Ahmed	Copper Sulphides mining and environmental sustainability: An Overview
108.	Mehdi Karimi Cheshmehgol	Use of recycled waste LDPE and HDPE polymers in flexible pavement and assessing leaching of heavy metals: An Eco-friendly Approach
109.	Rizwanullah	Behaviour of UHPFRC under explosive loading
110.	Ishaat M.Khan	Crystal growth and an emissive charge transfer between acceptor and donor: experimental, computational (dft and molecular docking) studies
111.	Moughes Ahmad	Cleaning of Diesel Contaminated Soil Using Green Ester bonded Gemini Surfactants – An Experimental study
112.	Gufraan Ahhmad	Eco-friendly use of fly ash for the management of root-knot nematode and acid rain in pumpkin crop
113.	HimanshuPratap Singh	Analysis of various rheological parameters of coking coal slurry with and without additives
114.	Bushra Kamal and Sheeba Jilani	Biorefineries: an overview
115.	Rameez Ahmad Lone	Islam and Sustainable Development
116.	Fauzia Naushin	Role of mycorrhizae in the uptake and accumulation of Cd in various parts of <i>Luffa aegyptiaca</i> .
117.	FURQAN ALI	Sustainable Development by efficient utilization of energy.
118.	Chandrika Singh	Sustainable solution for urban environment: Miyawaki Forest
119.	Dr Najam Sardar	Interaction of Hydroxypropylmethyl Cellulose with Green Ester bonded Gemini Surfactants – A Cloud point Study
120.	DR. MOHAMMAD FARHAN FAZLI	Insensitive addition of sanitary services in heritage buildings- a destructive approach towards heritage sustainability
121.	Dr. Mohd. Ahmadullah Farooqi	Numerical Modelling of Micropile-Based Geo-Stabilization on Abandoned Landfill Sites and their Efficient Utilization for Urban Development

122.	Dr. Mohd. Khalid Hassan	Waste Generation and its Processing in Indian Perspective
123.	Abdul Rauf	Aesculus indica seed oil as: edible, non-edible, antioxidant and green or biofuel.
124.	S. M. Yousuf	Sustainable utilization of stabilized river silty sand treated with lime
125.	S. S Ali	Modeling and predicting concentration polarization in a spiral wound membrane
126.	S.M. Ibrahim	Sustainable utilization of fly-ash as alternative to conventional material in geotechnical engineering
127.	S. Nalini	Biocontrol efficacy of serratia rubidaea snau02 rhamnolipd biosurfactant against rhizoctonia wilt disease of eggplant (solanum melongena l)
128.	Saba Bano	Shear strength characteristics of solid waste materials fly ash-stone dust-bentonite mixes
129.	Adnan Shakeel	Optimizing the Use of Fly Ash for Improved Plant Growth and Yield of Indian Mustard (Brassica Juncea L.)
130.	Sonam Shakya	Synthesis, characterization of new charge transfer complex possessing fluorescence sensing application for CO <sub>2</sub> + and nitrobenzene
131.	Salman Beg	Coking Coal Transport Through Pipeline and Open Channel: A Sustainable Approach for Pollution Control
132.	Sameer Imdad	Acid catalysed esterification of oleic acid for biodiesel production by microwave irradiation method
133.	Saqib Ul Kalam	Role of mycorrhizae in the uptake and accumulation of nickel in various organs of luffa aegyptiaca.
134.	Shahla Faizan	Changes in Growth and Biochemical Characters of Okra (Abelmoschus esculentus L.) Influenced by City Wastewater Supplemented with Chemical Fertilizers
135.	Shahla Faizan	Effect of waste water and fly ash application on physiological determinants, yield, and heavy metal contents of tomato
136.	Shyam Dophiya	An innovative algal - biodiesel production method
137.	Shasanowar H. Fakir	Green corrosion inhibitors
138.	Najeeb Ahmad	State of Municipal Solid Waste Management in Rajouri City, Jammu And Kashmir