

LIST OF PUBLICATION 2018-2019

INTERNATIONAL JOURNALS

Sl.No	Name of Author/s	Title of Work	Name of Publication
1	K J Sosamony and P A Solomon	Treatment of textile waste water using modified fluidized bed fenton process	International Journal of Engineering and Technology, October 2018
2	Sumi S, Unnikrishnan N and Lea Mathew	Durability studies of surface modified coir geotextiles	Geotextiles and Geomembranes, 2018
3	Minimol Pieus T and Soloman P A	Degradation of matured landfill leachate by electro fenton treatment and optimization by response surface methodology	International Journal of Engineering and Technology, October 2018
4	Minimol Pieus T and Soloman P A	Matured landfill leachate treatment by electro fenton and photo electro fenton process	International Journal of Management, Technology And Engineering, October 2019
5	Akhila Agnes Mathew and Prof. Minimol Pieus T	A study on vermicomposting of banana leaf waste	International Journal of Management, Technology And Engineering, October 2018
6	Sudheer Padikkal, Sumam K.S. and Sajikumar N	Sustainability indicators of water sharing compacts.	International Journal of Environment, Development and Sustainability, 2018
7	Sudheer Padikkal, Sumam K.S. and Sajikumar N	Decision Making Tool for Sustainable Water Sharing	Water Resources Management 2018
8	Sudheer Padikkal, Sumam K.S. and Sajikumar N	Environmental Flow Modelling of the Chalakkudi River using 'Flow Health'	Ecohydrology & Hydrobiology, 2019
9	Sivan P P, Gajendran Chellaiah and Praveen A	A fuzzy based approach for improving seismic safety of masonry building in Kerala context	International Journal of Civil Engineering and Technology
10	Namitha Joshy and Meera V	Scale control on pipe materials: A review	Springer, GBSE Conference, February 2019

NATIONAL CONFERENCES			
Sl.No	Name of Author/s	Title of Work	Name of Conference
1	Rekha Ambi, Jayasree P K and Unnikrishnan N	Effect of fin shape behaviour of piles under combined loading conditions	Indian Geotechnical Conference, IISc Bangalore, 13-15 December 2018
2	Hema M and Unnikrishnan N	Behaviour of 3d reinforced granular trenches under cyclic loading	Indian Geotechnical Conference, IISc Bangalore, 13-15 December 2018
3	Rohitha P Kamath and Unnikrishnan N	Investigations on the impact of sub structures on groundwater flow	Indian Geotechnical Conference, IISc Bangalore, 13-15 December 2018
4	Sajna T.J and N. Sajikumar	Optimization model for flood management – A review	6 th KETCON, February 15-17,2019
5	Arjun P.M. and N. Sajikumar	Leak detection in water distribution system using machine learning-A review	6 th KETCON, February 15-17,2019
6	Melen C Paul and Bindu G	Phytoremediation of wastewater using macrophytes: A review	6 th KETCON, February 15-17,2019
7	Gopika V and Sosamony K J	Biological synthesis of nano zero-valent iron and its application in textile wastewater decolourization: A review	6 th KETCON, February 15-17,2019
8	Ajinebi K K and Sosamony K J	Recovery of phosphorous from wastewater for sustainable utilization: A review	6 th KETCON, February 15-17,2019
9	Revathy Manikuttan and Sosamony K J	Application of electrocoagulation for textile wastewater treatment: A review	6 th KETCON, February 15-17,2019
10	Devin Paul Gonslaves and Bindu A G	A review on upgrading of compost quality using coal fly ash and spent tea powder	6 th KETCON, February 15-17,2019
11	Slipa Senan and Bindu A G	A study on different channel routing methods in SWAT	6 th KETCON, February 15-17,2019
12	Soumya R and Smitha Mohan K	Incorporation of Non-stationarity in IDF curves	6 th KETCON, February 15-17,2019
13	Suramya V R and Smitha Mohan K	Modelling climate change in Kechery river basin using SDSM	6 th KETCON, February 15-17,2019
14	Vrinda A V and Nowshaja P T	Impact of climate and land use change on river basin: A review	6 th KETCON, February 15-17,2019

15	Shifana K and K S Sumam	Assessment of Drought using precipitation index and remote sensing: A review	6 th KETCON, February 15-17,2019
16	Alina Marcus and K S Sumam	The effect of climate change on the prediction of water level in a river: A review	6 th KETCON, February 15-17,2019
17	Resmi M R and K S Sumam	Effects of antivortex structures on trapezoidal labyrinth side water: A review	6 th KETCON, February 15-17,2019
18	Fehmida Fatima S, Bindu A G	Evaluation of Groundwater Quality at Eloor, Ernakulam District, Kerala Using GIS	ICID conference, (June 21-23;2018)
19	Anjali C B and Reeba Thomas	Assessment of impact of land use change on green house gas emission	6 th KETCON, February 15-17,2019
20	Jeji Joseph and Reeba Thomas	Ground water profile prediction of Kechery watershed	2018 India SWAT Conference Hydrology
21	Krishnendu P M and Reeba Thomas	Land use / Land cover prediction of Thoothapuzha river basin using dyna CLUE software	6 th KETCON, February 15-17,2019
22	Meera V, Krishna veni S and Megha M	Optimisation of Phosphate removal from fertilizer waste water using Poly sulphone Chitosan nanosilica membrane	ICID conference (June 21-23; 2018)
23	Meera V and Megha M	Response surface methodology for environment system optimisation - a review	National conference on Recent advancement in Geotechnical ENG 2018 Apr.
24	Anju Raju and Meera V	Aluminium fumarate metal organic frameworks for removing dyes: A review	6 th KETCON, February 15-17,2019
25	Namitha Joshy and Meera V	Scaling potential of water and chemical treatment for scale control: A review	6 th KETCON, February 15-17,2019
26	Amrutha K M and Minimol Pieus T	Phytoremediation of Waste water and Successive Bioethanol Generation using Micro Algae- A review	6 th KETCON, February 15-17,2019
27	Sruthi P P and Minimol Pieus T	Phytoremediation using aquatic macrophytes for textile dye removal- A review	6 th KETCON, February 15-17,2019
28	Sruthi Mohan and Minimol Pieus T	Utilisation of biochar as an amendment and a remedy for heavy metal contamination in soil:A review	6 th KETCON, February 15-17,2019