

<b>PUBLICATIONS 2014-2015</b>			
<b>Sl No</b>	<b>Name of author/s</b>	<b>Title of work</b>	
	<b>INTERNATIONAL JOURNALS(6)</b>		<b>Name of publication</b>
1	Sruthi K. and Sosamony K.J.	Treatment of Textile wastewater using Electro-Fenton process	International Journal of Civil Engineering and Technology (IJCIET), Vol 5, Issue 12, Dec 2014, pp. 248-255.
2	Sajikumar N. and Remya R.S.	Impact of Landcover and Landuse change on Runoff Characteristics	Journal of Environmental Management, Vol No. 7, January 2015
3	Sajikumar N.	Response Surface Models and Artificial Neural Network in Hydrologic Forecasting by Yu J. and Qin, XLarsen O and Chua".	J. Hydrol. Eng., 19(3), 473-481. DOI:10.1061/(ASCE)HE.1943-5584.0000827, 2014
4	Hoby P. M., Sajikumar N., Sumam K. S.	Probabilistic Optimal Design of Rubble Nound Breakwater	Journal of Waterway, Port, Coastal and Ocean Engineering; ASCE, 141(4)
5	Sajikumar N., Gincy, Sumam K	Modelling of Nonlinear Muskingum Method using Control System Concept	Science direct Aquatic procedia 4 (2015), 979-985
6	D. N. K. Nair, E. J. Zachariah and Vinod P.	Investigation on enhanced in situ biooxidation of methane from landfill gas (I.F.G) in a lab scale model	Journal of material cycles and waste management ISS 1438-4597, may 2015
	<b>NATIONAL JOURNALS(0)</b>		<b>Name of publication</b>
	<b>INTERNATIONAL CONFERENCE(20)</b>		<b>Name of conference</b>
1	Arun S., Menon D. and Meher Prasad A.	HDMR Based Response Surfaces for Probabilistic Bridge Vehicle Interaction Studies	11 <sup>th</sup> World conference on Computational Mechanics, Spain, July 2014

2	Arun S., Menon D. and Meher Prasad A.	A Numerical Model Including Bridge Vehicle Interaction Effects for Probabilistic Assessment of Stress Spectrum in Highway Bridges	7 <sup>th</sup> International Conference on Bridge maintenance, safety and management, IABMAS, Shanghai China, July 2014
3	Preeji John Malppan and Sumam.K.S.	Pipe Burst Risk Assessment Using Transient Analysis In Surge 2000	International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014
4	Monajitha., Sumam K.S. and Sajikumar N	Modelling of Energy Dissipation during Transient Flow	International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014
5	Preeji John Malppan and Sumam.K.S	Risk Assessment of Pumping Main Using Surge 2000	International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014
6	Anjurajan K. and Sajikumar N.	Automatd Generation of GIUH for Third Order Stream Using ArcGIS	International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014
7	Geethu G. and Sajikumar N	CFD Simulation of Baffle System to Tranquillise the Flow From a Sluice	International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014
8	Mehsa Mohammed and Sajikumar N	Optimization of Parameters in Linear Muskingum Routing	International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014

9	Aswathy R and Sajikumar N	SUH and GIUH for Flood Estimation	International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014
10	Anila P. V. and K.O Vargheese	Raingauge Network Augmentation Based on Geostatistical Analysis and Simulated Annealing	International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014
11	Devisree M V and Nowshaja P.T	Optimization of Reservoir Operation Using Genetic Algorithm	International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014
12	Shrreshma and Vargheese K. O.	Long-Time Shoreline Monitoring of the Cochin Estuarine System, Southwest Coast of India Using Multi Temporal Satellite Data	International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014
13	Fathima Hesna M. S. and Reeba Thomas	Hydrologic Regionalization of River Basins of Kerala State	International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014
14	Ijaz Nazeer and Meera V.	Enhancement of Biogas in Domestic Biogas Plants by varying loading rate and digestate recirculation	Second International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014, 208-213.
15	Rahees K. and Meera V.	Production of Biodiesel from Dairy Waste Scum	Second International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014, 208-213.
16	Miji Cherian R. and Ganesan N.	Analytical model for the Calculation of Long Term Crack Width	Second International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014.

17	Reeba Thomas and Sruthy NattuvettyManoharan	GIS Integrated Rainfall Runoff Modelling by Development of Spatially Distributed Unit Hydrograph	Second International Conference on Materials Mechanics and Management. IMMM2014, College of Engineering Trivandrum, 17-19th Dec 2014.
18	Arun S.,Devavdas Menon and Meher Prasad A.	Efficient Computational Tools for Probabilistic Studies on Vehicle Induced Bridge Vibrations	5th International Conference on Computational Mechanics and Simulation, 10-13 Dec 2014, India
19	Farhana M. and Meera V.	Plant Extract Mediated Biosynthesis of Silver Nanoparticle and Its Anti-Microbial Activity: A Review	International Conference on Sustainable Energy and Built Environment(ASCE-ICES 2015),Vellore Institute of Technology, Vellore, 12-13 March 2015.
20	Sreedevi V M, Ayona S Nair and Nithin Kumar	Study on Fracture of Bacterial Concrete	International Conference on Innovations in Civil Engineering SCMS School of Engineering and Technology
<b>NATIONAL CONFERENCE(5)</b>			<b>Name of Conference</b>
1	Minimol Pious T. and Angelin Joseph C.	A comparative study of external membrane bioreactor and sequencing batch reactor for the treatment of Landfill Leachate	Second National Conference on Emerging Trends in Engineering, NET 2014
2	Dibina N. P. and Sosamony K. J.	Treatment of Textile wastewater using Moving Bed Biofilm Reactor after Fenton Pretreatment	Second National Conference on Emerging Trends in Engineering, NET 2014
3	Vidusha K. T. and Bindu G.	Quantification of carbon footprint of an Arts & Science College and a Professional College	Second National Conference on emerging trends in engineering, NET 2014, Govt Engineering College, Kozhikode, August 29-30, 2014
4	Raiza Rasheed and Meera V.	Synthesis of Nano Sized Ironoxide Particles and their Applicability in Removing Heavy Metals from waste/wastewater: A Review	National Conference on Technological Innovations for Sustainable Infrastructure(TISI2015), Dept of Civil Engg., NIT Calicut, 13-15 March 2015.

5	Vinod P, A Sridharan and Rosalint Jolly Soumya	Effect of compaction energy on CBR and compaction behaviour	Proceeding s of the Institution of xivil engineers , Paper 1300059
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