

Details of research publications of faculty members in the academic year 2018-19

SI No.	Faculty Name	Co-author	Paper/Book Title	Publisher details with year and page numbers	Impact Factor/ Cite Score	Citations
1	Brijesh Kumar	Dipankar Roy	Analysis of flooding and drying conditions through trend analysis of AMSR-E satellite soil moisture over the Himalayan Gandak River basin	Ecology, Environment and Conservation Paper, Vol 25, Issue 2 2019; Page No.(691-697)	0.12	
2	Dr. Abhilash T. Nair	Melinda Varhelyi, Vasile-Mircea Cristea, Marius Brehar, Evelina-Diana Nemes,	Wwtp model calibration based on different optimization approaches	Environmental Engineering and Management Journal, Volume -18, Issue-8, Pages: 1657-1670, Publication date 2019/8/1		
		Jaganathan Senthilnathan, SM Shiva Nagendra	Application of the phycoremediation process for tertiary treatment of landfill leachate and carbon dioxide mitigation	Journal of Water Process Engineering, Volume - 28, Pages: 322-330, Publisher: Elsevier, Publication date: 2019/4/1		
3	Dr. S. Bali Reddy	A Murali Krishna	Sand–scrap tyre chip mixtures for improving the dynamic behaviour of retaining walls	Journal International Journal of Geotechnical Engineering, Pages: 1-13, Publisher: Taylor & Francis,	0.43	
		A Murali Krishna	Mitigation of Dynamic Loading Effects on Retaining Walls Using Recycled Tire Chips	Soil Dynamics and Earthquake Geotechnical Engineering, Pages: 141-148, Publisher:Springer Singapore, Publication year: 2019		1
4	Dr. Aneesh Mathew	Sumit Khandelwal, Nivedita Kaul	Investigating spatio-temporal surface urban heat island growth over Jaipur city using geospatial techniques	Sustainable cities and society, Volume - 40, Pages: 484-500, Publisher - Elsevier, Publication date: 2018/7/1	4.624	4
		Neha Gupta, Sumit	Analysis of cooling effect of water bodies on land surface	The Egyptian Journal of Remote Sensing and Space Science, Volume - 22, Issue - 1, Pages:	3.005	2

		Khandelwal	temperature in nearby region: A case study of Ahmedabad and Chandigarh cities in India	81-93, Publisher - Elsevier, Publication date: 2019/4/1		
		Sumit Khandelwal, Nivedita Kaul	Spatio-temporal variations of surface temperatures of Ahmedabad city and its relationship with vegetation and urbanization parameters as indicators of surface temperatures	Remote Sensing Applications: Society and Environment, Volume - 11, Pages: 119-139, Publisher - Elsevier, Publication date: 2018/8/1	1.097	2
		Sumit Khandelwal, Nivedita Kaul, Shivam Chauhan	Analyzing the diurnal variations of land surface temperatures for surface urban heat island studies: Is time of observation of remote sensing data important?	Sustainable cities and society, Volume - 40, Pages: 194-213, Publisher - Elsevier, Publication date : 2018/7/1	4.624	2
		Sreenu Sreekumar, Sumit Khandelwal, Rajesh Kumar	Prediction of land surface temperatures for surface urban heat island assessment over Chandigarh city using support vector regression model	Solar Energy, Volume - 186, Pages: 404-415, Publisher - Pergamon, Publication date: 2019/7/1	4.674	0
5	Dr. N. Amaranatha Reddy	Jaya Kumar Seelam, Subba Rao, MK Nagaraj	Flood estimation at ungauged catchments of western catchments of Karnataka, West coast of India	ISH Journal of Hydraulic Engineering, Volume - 25, Issue - 3, Pages: 325-335, Publisher - Taylor & Francis,	0.305	1
		Vikas Mendi, Jaya Kumar Seelam, Subba Rao	Tidal Energy Estimation of Potential Tidal Inlets Along the East Coast of India	Proceedings of the Fourth International Conference in Ocean Engineering (ICOE2018), Pages: 649-674, Publisher - Springer Singapore, Publication year: 2019		1
		Vikas Mendi, Jaya Kumar Seelam, Subba	Nondimensional Methods to Classify the Tidal Inlets Along the Karnataka	Proceedings of the Fourth International Conference in Ocean Engineering (ICOE2018), Pages: 173-184, Publisher -		1

		Rao	Coastline, West Coast of India	Springer Singapore, Publication year : 2019		
6	Dr. Suprava Jena	Abhishek Chakraborty, Prasanta K. Bhuyan	Neural Network Approach to Determine LOS Criteria of Urban Streets for Developing Countries	ASCE India Conference 2017 American Society of Civil Engineers Indian Institute of Technology Delhi Institution of Engineers (India) ,		
		Abhishek Chakraborty, Prasanta Kumar Bhuyan	Performance Assessment of Urban Streets Addressing Improvement Issues for Automobile Mode of Transport	Transportation Research Record, Volume - 2672, Issue - 45, Pages: 232-241, Publisher - SAGE Publications, Publication date: 2018/12	0.748	1
		Debu Kumar Pradhan, Prasanta Kumar Bhuyan	Modelling automobile users' response pattern in defining urban street level of service	Journal - Transport, Volume - 34, Issue - 3, Pages : 287-299,	1.524	
		Manaswinee Kar, Prasanta Kumar Bhuyan	Investigating Service Performance of Signalized Intersections Operating Under Mixed Traffic Condition	Transportation Research Board 98th Annual Meeting Transportation Research Board, Issue :19-01613 , Publication Year - 2019		
7	Dr. Avadhoot Bhosale	Nikhil P Zade, Robin Davis, Pradip Sarkar	Experimental Investigation of Autoclaved Aerated Concrete Masonry	Journal of Materials in Civil Engineering, Volume - 31, Issue - 7, Pages: 04019109, Publisher - American Society of Civil Engineers, Publication date: 2019/4/27		
8	Dr. Joseph Prabhu	V Nagarajan, M R Sunny, O P Sha	On the Fluid Structure Interaction of Marine Cycloidal Propeller	Applied Ocean Research, Volume - 64, Pages: 105-127, Publisher - Elsevier, Publication date: 2017/3/1	2.436	7
		AK Dash, V Nagarajan, OP Sha	On the hydrodynamic loading of marine cycloidal propeller during maneuvering	Applied Ocean Research, Volume - 86, Pages: 87-110, Publisher - Elsevier, Publication date: 2019/5/1	2.436	
		Subhashis Nandy, Vishwanath	PID-type controller for marine cycloidal propeller: a simulation study	Journal of Marine Science and Technology, Pages: 1-27.	1.845	

		Nagarajan, Om Prakash Sha				
9	Dr. Prateek Verma	Sanjay Kumar Ghosh	Classification of glacial lakes using integrated approach of DFPS technique and gradient analysis using Sentinel 2A data	Geocarto International, Volume - 34, Issue - 10, Pages: 1075-1088, Publisher - Taylor & Francis, Publication date: 2019/8/24	2.365	2
		Sanjay Kumar Ghosh	Trend analysis of Climatic Research Unit temperature dataset for Gangotri glacier, India	Dynamics of Atmospheres and Oceans, Volume - 85, Pages: 83-97, Publisher - Elsevier,	1.405	
		Sanjay Kumar Ghosh	STUDY OF GPM-IMERG RAINFALL DATA PRODUCT FOR GANGOTRI GLACIER	The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume XLII-5, 2018 ISPRS TC V Mid-term Symposium "Geospatial Technology – Pixel to People", 20–23 November 2018, Dehradun, India		
10	Mr. Biraja Prasad Mishra	Manoranjan Barik	NURBS-augmented finite element method for stability analysis of arbitrary thin plates	Engineering with Computers, Volume - 35, Issue - 2, Pages: 351-362, Publisher - Springer London,	3.551	2
11	Mr. Mahesh G B	Basavaraju Manu	Biodegradation of ametryn and dicamba in a sequential anaerobic-aerobic batch reactor: A case study	Water Practice and Technology, Volume - 14, Issue - 2, Pages: 423-434, Publisher - IWA Publishing, Publication date: 2019	0.197	1
			Biological Treatment of 3, 6-Dichloro-2-Methoxybenzoic Acid Using Anaerobic-Aerobic Sequential Batch Reactor	Environmental Processes, Volume - 6, Issue - 2, Pages: 493-509, Publisher - Springer International Publishing, Publication year : 2019	2.6	1
			Removal of ametryn and organic matter from wastewater using sequential anaerobic-aerobic batch reactor: A performance	Journal of Environmental Management, Volume - 249, Pages: 109390, Publisher - Academic Press, Publication date : 2019	4.865	

			evaluation study			
12	Dr. Sudheer Kumar Yantrapalli	Hari Krishna P, Srinivas	A Study On Influence Of Real Municipal Solid Waste Leachate On Properties Of Soils In Warangal, India	Journal of Geoscience, Engineering, Environment, and Technology, Published date : 2018/3/1 ; Volume 3(1); pp; 25- 29	1	-
		Hari Krishna P, Srinivas	A Study on influence of organic ligands on migration of heavy metals through compacted clayey soil	Journal of Geoscience, Engineering, Environment, and Technology, Published date : 2018/6/1 ; Volume 3(2); pp; 107 - 105		-
		Hari Krishna P, Srinivas	A Study on the Influence of Heavy Metals on Crack Intensity Factor and Hydraulic Conductivity of Locally Available Soils	Indian Geotechnical Journal, and Technology, Published date : 2019/4/1 ; Volume 49(2); pp; 184 - 190		-
		A Subhashini, P Hari Krishna	A Study on Influence of pH and Organic Chemical on the Retention Capacity of Red Earth	Geotechnical Characterisation and Geoenvironmental Engineering; 2018-7-14., Springer, volume 16 (1), pp: 182-192		-
		Venkatesh Noolu, Heeralal Mudavath, Rakesh J Pillai	Permanent deformation behaviour of black cotton soil treated with calcium carbide residue	Construction and Building Materials; Publication date: 2019/10/30; volume:223 (1); Publisher Elsevier, Pages: 441-449	1	-
13	Dr. Mohammed. Abdul Akbar	V Mustafa	Demand factor definition—A dimensionless parameter for Vertical Axis Wind Turbines	MethodsX, Volume - 6, Pages: 567-581, Publisher - Elsevier, Publication date : 2019/1/1	1.69	
14	Dr. Dipankar Roy	Brijesh Kumar	Analysis of flooding and drying conditions through trend analysis of AMSR-E satellite soil moisture over the Himalayan Gandak River basin	Ecology, Environment and Conservation Paper, Vol 25, Issue 2 2019; Page No.(691-697)	0.12	
15	Dr. Ruhul Amin Mozumder	A I Laskar, Monowar H	Penetrability prediction of microfine cement grout in granular soil using Artificial Intelligence techniques	Tunnelling and Underground Space Technology, Elsevier, 72 (2018) 131–144	3.942	