

Details of research publications of faculty members in the academic year 2016-17

Sl No.	Faculty Name	Co-author	Paper/Book Title	Publisher details with year and page numbers	Impact Factor/ Cite Score	Citations
1	Dr. S. Bali Reddy	Adapa Murali Krishna	Tyre chips as compressible inclusions in earth-retaining walls	Journal: Proceedings of the Institution of Civil Engineers-Ground Improvement, Volume - 170, Issue - 3, Pages: 137-148, Publisher: Thomas Telford Ltd, Publication date : 2017/6/8		4
		A Murali Krishna, Arun Ch Borsaikia	Feasibility Study of Retaining Walls Backfilled with Sand-Tire Chip Mixtures	Geoenvironmental Practices and Sustainability, Pages: 241-253, Publisher: Springer Singapore, Publication year: 2017, doi: https://doi.org/10.1007/978-981-10-4077-1_25		2
		Adapa Murali Krishna	Sand–tire chip mixtures for sustainable geoenvironmental applications	Sustainability issues in civil engineering, Publisher: Springer, Singapore, Pages: 223-241, Date: 23 November 2016, doi: https://doi.org/10.1007/978-981-10-1930-2_13		5
2	Dr. Brijesh Kumar	Kanhu Charan Patra, Venkat Lakshmi	Daily rainfall statistics of TRMM and CMORPH: A case for trans-boundary Gandak River basin	Journal of Earth System Science, Volume - 125, Issue - 5, Pages: 919-934, Publisher: Springer India, Publication date: 2016/7/1	1.104	7
		Kanhu Charan Patra, Venkat Lakshmi	Error in digital network and basin area delineation using d8 method: A case study in a sub-basin of the Ganga	Journal of the Geological Society of India, Volume - 89, Issue - 1, Pages: 65-70, Publisher: Geological Society of India, Publication date: 2017/1/1	0.994	5
		Venkat Lakshmi, Kanhu Charan Patra	Evaluating the uncertainties in the SWAT Model outputs due to DEM grid size and resampling techniques in a large Himalayan river basin	Journal of Hydrologic Engineering, Volume - 22, Issue - 9, Pages: 04017039, Publisher: American Society of Civil Engineers, Publication date: 2017/7/14	1.576	4
		Venkat Lakshmi	Assessing the capability of TRMM 3B42 V7 to simulate streamflow during extreme rain events: Case study for a Himalayan River Basin	Journal of Earth System Science, Volume - 127, Issue - 2, Pages: 27, Publisher: Springer India, Publication date: 2018/3/1	1.104	1

3	Dr. Aneesh Mathew	Sumit Khandelwal, Nivedita Kaul	Spatial and temporal variations of urban heat island effect and the effect of percentage impervious surface area and elevation on land surface temperature: Study of Chandigarh city, India	Sustainable Cities and Society, volume - 26, pages: 264 - 277, Publisher Elsevier, Publication date : 2016/10/1	4.624	37
		Sumit Khandelwal, Nivedita Kaul	Investigating spatial and seasonal variations of urban heat island effect over Jaipur city and its relationship with vegetation, urbanization and elevation parameters	Sustainable Cities and Society, Volume - 35, Pages : 157-177, Publisher - Elsevier, Publication date: 2017/11/1	4.624	18
		Sreenu Sreekumar, Sumit Khandelwal, Nivedita Kaul, Rajesh Kumar	Prediction of surface temperatures for the assessment of urban heat island effect over Ahmedabad city using linear time series model	Energy and Buildings, Volume - 128, Pages: 605-616, Publisher - Elsevier, Publication date : 2016/9/15	4.495	18
		Sreenu Sreekumar, Sumit Khandelwal, Nivedita Kaul, Rajesh Kumar	Prediction of Land-Surface Temperatures of Jaipur City Using Linear Time Series Model	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, Volume - 9, Issue - 8, Pages: 3546-3552, Publisher - IEEE, Publication date : 2016/3/4	3.392	6
4	Dr. Suprava Jena	Sambit Kumar Beura, Prasanta Kumar Bhuyan	Tangible Service Level Assessment of Urban Streets using Point System to Support Improvement Issues for Private Mode of Transport	International Conference on Transportation Planning and Implementation Methodologies for Developing Countries(12th TPMDC), IIT Bombay, Mumbai, India, 19-21 December 2016		
5	Dr. Avadhoot Bhosale	DC Haran Pragalath, Davis P Robin, Sarkar Pradip	Multiplication factor for open ground storey buildings—a reliability based evaluation	Earthquake Engineering and Engineering Vibration, Volume - 15, Issue - 2, Pages: 283-295, Publisher - Institute of Engineering Mechanics, China Earthquake Administration, Publication date: 2016/6/1	1.05	11
		Robin Davis, Pradip Sarkar	Vertical irregularity of buildings: Regularity index versus seismic risk	ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A:		6

				Civil Engineering, Volume - 3, Issue - 3, Pages: 04017001, Publication date - 23 Jan 2017, Publisher - American Society of Civil Engineers,		
		Robin Davis, Pradip Sarkar	Sensitivity and Reliability Analysis of Masonry Infilled Frames	World Academy of Science, Engineering and Technology, International Journal of Civil, Environmental, Structural, Construction and Architectural Engineering, Volume - 10, Issue - 12, Pages: 1531-1535, Publication date: 2016/10/1		1
7	Dr. Joseph Prabhu	V Nagarajan, MR Sunny, OP Sha	On the fluid structure interaction of a marine cycloidal propeller	Applied Ocean Research, Volume - 64, Pages : 105-127, Publisher - Elsevier, Publication date: 2017/3/1	2.436	7
8	Dr. Mohammed. Abdul Akbar	V Mustafa	A new approach for optimization of vertical axis wind turbines	Journal of Wind Engineering and Industrial Aerodynamics, Volume - 153, Pages: 34-45, Publisher - Elsevier, Publication date: 2016/6/1	3.01	18
9	Dr. Vinod Kumar Adigopula	R. Kumar, , S. D. Guzzarlapudi	Stiffness-Based Quality Control Evaluation of Modified Subgrade Soil Using Lightweight Deflectometer	Journal of Materials in Civil Engineering, ASCE, Accepted on: January 31, 2017, Available online: May 19, 2017, doi: https://doi.org/10.1061/(ASCE)MT.1943-5533.0001958 , Volume: 29, Issue: 9, Pages: 04017137		