

NCTT 2017

Poster Presentation

Date : 21 – 22 July 2017

Venue : Main Building Lobby, CET

Dept : Civil Engineering

Sl.No:	Paper ID	Paper Title	Authors
1	72	Assessment of air quality : an integration of fuzzy logic and analytic hierarchy process	NEETHU P S SINDHU P
2	106	Removal of lead and copper using iron nanoparticles	ANURANJANA JAYA J G VIJAYAN N
3	108	Decolourization of textile dye using biosludge	MISHA MARIA MATHEW LEA MATHEW
4	115	Removal of surfactant using pseudomonas sp. Immobilized in sawdust	LEKSHMISREE A S VIJAYAN N
5	142	Study on dry waste composition in Thiruvananthapuram city	SWARNALATHA K Abhijith Ravikumar
6	144	Ambient air quality status of major traffic intersections in Thiruvananthapuram city	Reshma S Kumar SWARNALATHA K

7	178	Heavy metal reduction of sewage sludge at Muttathara sewage treatment plant using biogas plant	JOY H JONES LATHA P
8	208	Water quality assessment of Vellayani lake – a case study	SHIBU K Resmy M R
9	20	Lateral Load Response of Pile Groups Under Combined Uplift and Inclined Lateral Loading	Shibina Kannolimal Ajitha B Bhaskar
10	288	Study on cracking behaviour of fiber reinforced cochin marine clay	Seethalekshmi M S
11	372	Performance of circular footing on sandy soil with prestressed coir geotextile reinforcement	ASWATHI MENON GIRISH M S
12	19	Assessment of groundwater recharge using water balance approach	Reshma R Sindhu G
13	246	Interpolation of Groundwater Levels Using Kriging - A Case Study	REVATHY P S
14	253	Climate Change effect on Sea Level at Cochin	AKHILA A M SHIBU A
15	263	Leakage reduction in water distribution network using pressure reducing valves	GOPIKA LAKSHMANAN
16	265	Variation of Roughness coefficients in straight and curved channels	DHANESH L
17	268	Experimental Study on Control of Scour Downstream of Impervious Floor using Launching Apron and Gabion Mattress	PRINCY ABRAHAM
18	274	Numerical Modeling of Submerged Hydraulic Jump	CHRISTY ALEXANDER
19	286	Study on clogging of filters based on constriction size distribution	RAHUL RAMACHANDRAN

20	293	Modeling of Infiltration rate of soil using ANN and Regression Analysis	Swaroop P
21	312	Streamflow Prediction Using Cross-validation Based SVM	Sarath P S Vineetha Basil
22	81	Comparative Study of Reinforced Concrete Columns with Square Spiral as Transverse Reinforcement with Conventional Ductile Column	NIBIN GAFOOR M Beena P R
23	242	Experimental Investigation on High Performance Fiber Reinforced Concrete Beam Column Joint under Reverse Cyclic Loading	SRUTHI T M SIVAKUMAR S
24	283	Performance of geopolymer concrete and conventional concrete columns under reverse cyclic lateral loading	Thushara Raju
25	317	Comparative Study on HPC and Hybrid Fiber Reinforced HPC RC Columns Under Reverse Cyclic Loading	Abhijith Vijayan SUNITHA S
26	339	Comparison of Behaviour of Half Scale Column Specimens With and Without Debonded Bars	Sarath S Mitra D C
27	337	Experimental Study on Bond strength and Durability Properties of Coconut Aggregate Concrete	Sujatha A
28	17	Determination of major accident hotspots in Kottayam town using gis	SUMESH RAJAN
29	62	Evaluation of Physical and Rheological Properties of Laboratory Prepared NRMB and its Effects on HMA	DEEPU R

30	82	Effect of Pozzolanic Waste and Cement as Fillers in Cold Bituminous Emulsion Mix	SREEPRIYA LAL
31	128	Experimental investigation on partial replacement of fine aggregate by crumb rubber in Cement Concrete Pavement	RESMA S
32	136	Experimental Investigation of Viscosity Characteristics of Modified Bitumen with Warm Mix Additive	ASWANA THOMAS
33	174	Photocatalytic pavement blocks for mitigation of air pollutants and urban heat island effect	JUBIN SAM
34	176	Surrogate Safety Measures and Pedestrian Vulnerability	ARUN KRISHNAN V K
35	181	Analysis of Interlocking Concrete Block Pavements Using FEM	ANANDHU B S
36	210	Evaluation of Sufficiency of Bus Transit Network : A Case Study	GOURI GOPAN
37	214	Experimental Investigation on the Effect of Fibers and Silica Fume on Concrete Pavements	ANJANA S
38	241	Study on use of Crushed Glass as fine aggregate in Bituminous Concrete	SHABNAM S