

NCTT 2017

Dept : Civil Engineering

Stream	Environmental Engineering
Venue	CE3 Seminar Hall
Date	21/07/2017 Friday
Time	1.30 pm – 4.30 pm

Sl.No	Paper ID	Paper Title	Authors
1	41	COMPARATIVE STUDY OF SOIL, SEWAGE SLUDGE AND MODIFIED SEWAGE SLUDGE AS TEMPORARY COVER MATERIAL IN BIOREACTOR LANDFILL	Vinitha V N LATHA P JAYA V
2	75	PREDICTION OF PARTICULATE MATTER IN AMBIENT AIR USING BACK PROPAGATION NEURAL NETWORKS	ASHA J S SINDHU P
3	97	A MICROCLIMATIC MODEL FOR PREDICTION OF MAXIMUM AMBIENT AIR TEMPERATURE	SHILPA ANIL SINDHU P
4	140	TRAFFIC NOISE ATTENUATION USING HEDGES IN THIRUVANANTHAPURAM CITY	Harees A M SWARNALATHA K
5	156	COMPARATIVE LIFE CYCLE ASSESSMENT OF DAIRY PRODUCTS: BUTTER AND TONED MILK USING CML-IA BASELINE IMPACT ASSESSMENT METHOD	MAHATH C S K MophinKani
6	168	PRODUCTION OF CELLULASE ENZYME FROM AGROWASTES USING ASPERGILLUS NIGER BY SOLID STATE FERMENTATION	SaumaHameed DhanyaLekshmi SWARNALATHA K
7	196	DETERMINATION OF CARBON FOOTPRINT OF A GREEN BUILDING DURING ITS OPERATIONAL PHASE: A CASE STUDY	Theres Charly SHIBU K
8	237	PERFORMANCE ASSESSMENT OF A FABRICATED SEPTIC TANK AND SOAKPIT INSTALLED AT MUTTATHARA SEWAGE TREATMENT PLANT	Joseph Jomy Punnoor Lea Mathew
9	260	THE DYNAMICS OF PESTICIDES AMONG VARIOUS SPECIES IN THE RICE BOWL OF KERALA	Beladev K Vasudevan

Stream	Geotechnical Engineering
Venue	CE2 Seminar Hall
Date	21/07/2017 Friday
Time	1.30 pm – 4.30 pm

Sl.No:	Paper ID	Paper Title	Authors
1	98	Compaction parameters – index properties relationship in standard Proctor compaction tests	Sreelekshmy G
2	323	Durability Study of Coir Geotextiles Embedded in Different Pavement Conditions	AKHILA VIJAYAN Ajin Krishna
3	373	Parametric Study on Densification of Sand Using Group of Brick Columns	Gayathri S Mithun A ARVEE SUJIL JOHNSON
4	374	Connected and Unconnected Piled Raft Foundation	ASWATHY RAMESH BINDU J

Stream	Hydraulics Engineering
Venue	CE1 Seminar Hall 1
Date	21/07/2017 Friday
Time	1.30 pm – 4.30 pm

Sl.No:	Paper ID	Paper Title	Authors
1	35	Assessment of Drought in Chittur Block- A Case Study	Krishna P
2	185	Tidal Influence on Saltwater Intrusion in a Coastal Aquifer System	Athira B
3	245	STUDIES ON BEACH MORPHOLOGICAL CHANGES USING LITPACK	NILOOFAR M U
4	249	Rainfall Prediction for Vamanapuram River Basin due to Climate Change Impact by Multivariate Regression	DEEPU MOHANDAS
5	256	1 Analysis of Scour Around Permeable And Impermeable Groynes: An Experimental Study	SOMIYA S P
6	267	GROUNDWATER MODELLING OF A COASTAL AQUIFER SYSTEM-A CASE STUDY	LEKSHMI VIJAYACHANDRAN
7	298	Delineation of Groundwater recharge zones: A case study	SWETHA PADMANABHAN
8	334	Groundwater Flow Modelling of the most vulnerable site at Kottayam District, Kerala	JAYAKRISHNAN J S

Stream	Structural Engineering
Venue	CE1 Seminar Hall 2
Date	21/07/2017 Friday
Time	1.30 pm – 4.30 pm

Sl.No:	Paper ID	Paper Title	Authors
1	68	Experimental Study On Reinforced concrete Beams Retrofitted With Natural Rubber Latex Modified Ferrocement	NIBIN GAFOOR M Beena P R
2	239	Study on the structural behavior of reinforced concrete beams with cement partially replaced by water treatment plant sludge	Riju V JIJI JACOB
3	273	Effect of Crimped Steel Fibre on Shear-Flexure behaviour of Partially Prestressed Concrete Beams	BEBIN MATHEW JEENU G
4	300	Study on the behaviour of welded K-joint under cyclic loading	ROSHIN P R BIJU V
5	303	Buckling Analysis of Sigmoid Functionally Graded Plate Using Higher Order Shear Deformation Theory	Swathikrishna S Beena K P
6	315	Behaviour of Ultra High Performance Concrete Columns with different Tie Configurations subjected to cyclic Loading	SHAHINA ANSARI
7	333	Flexural and Shear Behaviour of Steel Fibre reinforced Self Compacting Concrete	ANJANA CHANDRAN Girija K
8	338	Horizontal Shear Strength of Cement Concrete Overlays with Various Types of Connections at the Interface	JAYASREE K V PREBHAKUMARI K S
9	340	Effect of Maximum Aggregate Size on Fracture Properties of Light Weight Self Compacting Concrete Beams	ANSU ABRAHAM JAYAPRAKASH JAIN K G
10	342	Effect of R/t Ratio on the Buckling Behaviour of Cracked GFRP Composite Cylindrical Shells under Combined Loading	Angelina Catherine Priyadarsini R S
11	346	Strengthening and Rehabilitation of RC Square Columns using Ferrocement Jacketing	JEBIN MOHAN Mini Soman
12	349	Study on the Stress Concentration in GFRP Composite Plates with Multiple Cut-Outs Subjected to Biaxial Tension	ALEENA R S Priyadarsini R S

Stream	Geoinformatics
Venue	CE1 Seminar Hall 2
Date	22/07/2017 Saturday
Time	9.30 am – 12.30 pm

Sl.No:	Paper ID	Paper Title	Authors
1	67	GIS based Soil Nutrient Mapping of Attingal Municipality, Trivandrum	Renjini R Jaya V Ajith G Nair
2	70	Shelter Prioritization and Web GIS Enabled Emergency Information System for Selected Panchayats in Pampa River Basin	Rajalakshmi C R Thulasidharan Nair B
3	74	Development of Inter Model Passenger Transport using GIS	Surya K Padmakumar R
4	79	Evaluation of Bus Stop Accessibility by Walk: A Case Study	Kaveri S Manju V S
5	101	Impact of LanduseLandcover Change on Surface Runoff Patterns on Vamanapuram River Basin, Kerala	LINU JOY Ajith G Nair
6	134	Analysis of Impact of Built Environment Features on Pedestrian Crashes Using GIS	Nishitha N
7	161	Site SuitabilityAnalysis for Solid Waste Disposal in Kollam Corporation Using Remote Sensing and GIS	RAKHI DEV Ajith G Nair
8	188	Identification of Ground Water Potential Zones Using Remote Sensing and GIS	Shiyas Ahmed MOHAN DAS C
9	192	Influence of Urbanization on Land Surface Temperature – a Case Study	ABINA R Jairaj P G
10	212	Road Hazardous Segment Identification Based on Fuzzy Reasoning and GIS	REEBA BABU Sabu P
11	240	COMPARISON OF ASTER DEM, SRTM DEM AND DEM DERIVED FROM TOPOSHEET	ARUN R Thulasidharan Nair B
12	324	Change Detection Analysis of Wetland Using Different Satellite Derived Indices	SONY S Vineetha Basil

Stream	Traffic and Transportation Engineering
Venue	CE2 Seminar Hall
Date	22/07/2017 Saturday
Time	9.30 am – 12.30 pm

Sl.No:	Paper ID	Paper Title	Authors
1	102	Stress-Strain Analysis of Short Panelled Concrete Pavements	RAHUL R BINU SARA MATHEW
2	137	Impact of Right Turn Lane on Performance of Signalised Intersection Under Heterogeneous Traffic Conditions	NAVATHY K PREETHI P
3	138	Effects of Exclusive Bus lanes on Performance of Signalised Intersection	Shwaetha Radha Devi PREETHI P
4	146	Study on the Effects of Traffic Composition on PCU values of four-lane roads using Microscopic Simulation	ASWATHY MOHAN Salini S Ashalatha R
5	197	Influence of Kerosene in Bituminous Mix	Shajeev S
6	205	Development of Route Choice Model Using Quantum Utility Theory	BENIT PHILIPOSE Anu P Alex
7	220	Optimization of Speed Hump Profile by Vehicle Response	RevathyM B Priya R
8	225	Passenger Perception Approach Towards Qualitative Evaluation of Bus Terminals	HRIDYA V
9	276	Effect of on street Parking on Urban Roads	PRAVEEN V Salini S Ashalatha R