

Department of Civil and Environmental Engineering
Undergraduate Research Project Reports - 2011 / 2012

No.	Acc No	Date	Student Name	Student No.	Title	Submit Date
1	98	02/04//2013	Udara, G.R.I. Jayawardana, V.G.R.P.	RU/E/2008/179 RU/E/2008/ 77	Influence of Fine aggregate type on the Properties of high Strength and high Performance Concrete	2012 December
2	99	.	Abeynayake, A.M.C.A Abeykoon, B.M.C.S.	RU/E/2008/ 06 RU/E/2008/ 05	Novel Technique for slab repair and its static behaviour	2012 December
3	100		Sandaruwini, A.H.W.E. Bandara, K,A,J,M,	RU/E/2008/159 RU/E/2008/ 14	Use of recycled short Fibers in Structural Concrete to Enhance Mechanical Properties	2012 December
4	101		Perera, B.B.L. Priyadarshana, R.D.S.I,	RU/E/2008/128 RU/E/2008/138	Condition Assessment, damage detection and repair of existing Structures in Sri Lanka	2012 December
5	102		Priyadarshani, S.T.A. Sanjeeva, W.S.M.G.	RU/E/2008/139 RU/E/2008/163	Strengthening of load bearing masonry wall panel using locally available materials	2012 December
6	103		Godevitharana, A.G.D.N. Jayaweera, P.A.P.S.	RU/E/2008/ 48 RU/E/2008/ 80	Determination of Suitable Pervious Concrete Material for Sustainable Built Environment	2012 December
7	104		Mendis, A,S.H. Nikeshala, W.A.T.	RU/E/2008/114 RU/E/2008/120	Investigating Structural Properties of Masonry Blocks and Panels manufactured with crushed Coconut shells (CCS) Construction and Demolition Waste (C&DW) and Rice Husk ASH (RHA)	2012 December
8	105		Abeykoon, A.J.M.S.S. Anthony, C.S.K.P.	RU/E/2008/ 04 RU/E/2008/ 09	Development of masonry blocks using industrial waste	2012 December
9	106		Ranasinghe, P.V.R. Shantha, H.P.P.	RU/E/2008/145 RU/E/2008/169	Investigation on Techniques to Control Structural Damage due to blasting activities	2012 December
10	107		Dedigama, K.N.H. Premarathne, S.M.P.	RU/E/2008/ 38 RU/E/2008/137	Investigation of Natural Materials to reduce Industrial Noise	2012 December
11	108	.	Madushan, W.S.A. Karunanayake, K.A.S.M.	RU/E/2008/111 RU/E/2008/ 85	Feasibility of retrofitting lifeless steel bridges using in-situ concreting	2012 December
12	109		Poornima, W.A.T Jayawardhana, D.M.J.C.B.	RU/E/2008/133 RU/E/2008/ 78	Optimization of purlin for an Economical metal roof structure	2012 December
13	110		Priyankara, K.M. Rajakaruna, R.M.O.B.	RU/E/2008/142 RU/E/2008/143	Investigation into resistance to shrinkage cracking of concrete with mineral admixtures in actual environmental Conditions	2012 December
14	111		Rajith, C. Prageeth, R.	RU/E/2008/ 20 RU/E/2008/195	Evaluation of Knowledge Management Techniques in Construction Industry in Sri Lanka	2012 December

15	112		Eranga, K.A.I. Eranda, S.D.	RU/E/2008/43 RU/E/2008/42	Risk Analysis of Building Projects	2012 December
16	113		Jayawansa, H.N. Perera, G.P.W.	RU/E/2008/72 RU/E/2008/129	Walking Pedestrian flow characteristics in Crosswalks in Sri Lanka	2012 December
17	114		Abeygunawardana, D.L. Jayawardana, U.K.	RU/E/2008/ 02 RU/E/2008/ 76	Development of Gis Database for Traffic Accident Analysis	2012 December
18	115		Kumara, S.A.S. Priyanga, Y.M.H.S.	RU/E/2008/98 RU/E/20081/40	Roof Material Selection for Rainwater Harvesting in Sri Lanka	2012 December
19	116		Wanniarachchi, C.C. Lokuliyanage, T.D.	RU/E/2008/185 RU/E/2008/107	Morphological Variations of wild Taro(Colocasia Esculenta) in response to environmental conditions	2012 December
20	117		Maduranga, A.M.H. Madhubhashini, D.B.A.	RU/E/2008/108 RU/E/2008/205	Management of Human Interactions with Mangrove Eco-Systems : A Case study at Madu Ganga , Balapitiya, Galle..	2012 December
12	118		Rananjaya, J.A.W. Sanjeeva, W.G.C.	RU/E/2008/144 RU/E/2008/162	Study of the Evolution of sewer and Stormwater Management System in Galle Fort	2012 December
22	119		Nirmal, M.D.D.R. Peris, H.D.M.	RU/E/2008/122 RU/E/2008/127	Development of an information retrieval system for minor Irrigation tanks in Southern Province	2012 December
23	120		Rathnayaka, R,M,A,S,K Ruwan, K.D.B.	RU/E/2008/150 RU/E/2008/152	Impacts of Leachate from Galle Municipal Council Dumpsite Surrounding Ground and surface	2012 October
24	121		Ranga, U.K.S. Sanjeevani, H.K.M.	RU/E/2008/148 RU/E/2008/154	Low - Cost Packing Media for anaerobic Filters to Treat Landfill - Leachate.	2012 December
25	122		Jayalath, M.S. Gunawansa, T.D.	RU/E/2008/ 67 RU/E/2008/ 56	Low - Cost reactive Media for Permeable Reactive Barriersto Treat landfill - Leachate.	2012 December
26	123		Jayalath, C.P.G. Samarasinghe, P.R.U.W.	RU/E /2008 /66 RU/E/2008/155	Efficiency Improvement methods to pebble Marix Fi	2012 December
27	124		Bandara, T.G.J.S. Bandara, Y.M.D.L.Y.	RU/E/2008/142 RU/E/2008/143	Evaluation of Harvested RainwatrQuality As a Drinking water source in urban Landuses in Southern Province Sri Lanka	2012 December
28	125		Deshapriya, H.G.S.D. Gunasekara, W.M.M.N.	RU/E/2008/ 39 RU/E/2008/ 52	Development of Visual Quality Evaluation Criteria for rural expressways: A Case study Based on Southern Express way	2012 December
29	126		Gunasinghe, W.M.M.T. Jayasinghe, C.S.	RU/E/2008/ 54 RU/E/2008/70	Development of a Walkability Evaluation Instrument to Evaluate walkability in streets of Developing Countries	2012 December
30	127		Balasooriya, B.L.C.B.	RU/E/2008/142 RU/E/2008/143	Study the Exisiting situation of Engineering Land fills in Sri Lanka and Develop a Digital Map for Galle Municipal Area to identify suitable sites for developing as Engineering Landfills	2012 December
31	128		Pushpakumara, N.L.A. Dissanayaka, D.M.G.K.	RU/ E/ 2008/23 RU/E/2008/206	Development of a Clay Liner using Locally Available Expansive Soil -2	2012 December

32	129		Pumali, A.B.K.T. Chathusanka, K.M.N.	RU/E/2008/131 RU/ E /2008/27	Evaluation of Slope Stability of solid waste Dump sites Based on waste Characterization	2012 December
33	130		Kumara, N.G.M. Siriwardana, D.J.S.I.	RU/E/2008/ 97 RU/E/2008/172	Evaluation of Transportation Network Impact in Galle Fort	2012 December
34	131		Chathuranga, W.L.W. Chathurangani, G.K.N.	RU/E/2008/ 25 RU/E/2008/ 26	Flood Evaluation plan and flood risk assessment for Thawalama D.S. Division	2012 December
35	132		Wijewardhana, H.A.T,N Herath, H.M.C.S.B.	RU/E/2008/191 RU /E/2008/ 62	Hydrological investigation of Mode-ela canal using Rational formula and ARC GIS	2012 December
36	133		Ranathunga, A.S. Madusanka, A.D.N.C.	RU/E/2008/146 RU /E/2008/109	Investigation of indigenous knowledge Adopted in construction of a Colonial Fort : A Case study on Galle Fort with respect to Geotechnical Engineering	2012 December