

Department of Civil and Environmental Engineering
Undergraduate Research Project Reports - 2013

No.	Acc No	Date	Student Name	Student No.	Title	Submit Date
1	134	2014.02.11	Jayasinghe, K.L. Malagoda, S.S.	RU / E/2009/ 70 RU /E/2009 115	Efflorescence in Concrete	2013 December
2	135	.	Perera, J.G.J.A.S. Wijemanna, M.E.I.C.	RU / E/2009/132 RU /E/2009/190	Influence of Shrinkage and Thermal Characteristics on the Deflection and Cracking of reinforced Concrete	2013 December
3	136		Wanigasinghe, V,	RU / E/2009/180	Learning Tool for reinforced Concrete Design	2013 December
4	137		Jayawardena, J.H.V.G.T,N,S, Wickramasena, R.D.N.R.	RU / E/2009/ 79 RU /E/2009/186	Restoring Flexural Performance of Damaged Timber Beams using FRP Wrapping	2014 January
5	138		Jayawardene, H.M.A.S. Karunarathna, G.B.C.C.	RU / E/2009/ 80 RU /E/2009 /86	The Factors and their Significance on Depreciation of mechanical properties in steel embedded in concrete	2014 January
6	139		Prasad, D.S. Premakumara, R.A.I.S.	RU / E/2009/133 RU /E/2009/134	Retrofitting of damaged masonry arches with FRP wrapping	2013 December
7	140		Samanpriya, M.M.M. Sonnadara, V.P.		Use of Structural Optimization for Earthquake Resiliency of Masonry Buildings	2014 January
8	141		Kariyawasam, K..K..G.D.D.L. Hemapala, U.B.H.U.	RU / E/2009/ 85 RU / E/2009 /61	Development of a Bridge Assesment Tool to Identify currentCondition of Reinforced Concrete and Pre-Stressed Concrete Bridges	2013 December
9	142	.	Senarathna, AU. Weerasinghe, W.P.N.	RU / E/2009/164 RU / E/2009/183	Utilization of Bottom ash as a Construction Material	2014 January
10	143		Wanniarachchi, W.A.M. Welhena, C.M.	RU / E/2009/181 RU / E/2009/184	Investigation on dynamics and control of structural responsee to the vibration induced by construction activities	2013 December
11	144		Galappaththi, L.L.	RU / E/2009/ 53	Investigation on methods to improve Health and Safety practices in construction sites	2013 December
12	145		Kumara, V.G.M. Ranawaka, D.R.B.L.R.	RU / E/2009/101 RU/E/2009 /142	Method for Rock Burst induced ground motion - A Seismic approach	2013 December
13	146		Anusari, M.K.N. Samindika, N.N.	RU/ E/2009/ 06 RU/E/2009/157	Void area effect on mechanical properties of hollow cement block masonry	2014 January

14	147	Perera, G.V.C.D. Mahinda, U.M.W.	RU / E/2009/130 RU /E/2009 /118	Review of some HSR Norms through Work Study	2014 January
15	148	Darshana, S.M.G. Nawarathna, P.V.M.S.	RU / E/2009/ 34 RU /E/2009 /123	Influence of Corrosion Damage on Residual Strength Capacities of Steel Bridge	2014 January
16	149	Dilini Kaushalya, S.M. Ishara Madusanka, N.P.	RU / E/2009/123 RU /E/ 2009/ 89	Modeling pedestrian crossing speeds in southern Sri Lanka	2014 January
17	150	Abeyrathne, B.M.D.N. Karunanayake, K.P.D.	RU / E/2009/208 RU /E/ 2009/216	Development of a Gis Based Traffic Accident and road data base for Southern Sri Lanka	2013 December
18	151	Karunarathna, S.M.G.P.S. Manula, L.G.K. Subhashini, M.L.	RU / E /2009/87 RU /E/ 2009/118 RU /E /2009/171	Modeling Pedestrian Level of Service at pedestrian walks with vendors and beggars	2013 December
19	152	Rathnayake, R.M.P.I.U. Madushanka, E.M.N. Galahitiyawa, G.W.S.U.	RU / E /2009/151 RU /E/ 2009/114 RU / E /2009/52	Investigation of transport related emissions in Sri Lanka	2014 January
20	153	Chathurangani, P.G.D.W. Indrajith, K.A.I.H.	RU / E/2009/ 30 RU /E/2009 /64	Investigation on techniques of improving stability and aesthetics of roadside embankments	2013 December
21	154	Dissanayaka, D.M.R.M. Gunasena, N.U.T. Surawimala, W.A.I	RU / E /2009/43 RU / E/ 2009/56 RU /E /2009/174	Evaluation of ground water quality in Southern, Sri Lanka	2013 December
22	155	Arthanayaka, A.M.C. Asiri, K.K.V.L. Malkanathi, K.A.R.	RU / E /2009/09 RU / E/ 2009/10 RU /E /2009/116	Locally available and low-cost media for permeable reactive barriers (PRB) to treat landfill-leachate	2014 January
23	156	Chathuranga, A.G.O.A. Darshaka, J.K.A.L. Vansanatha, A.G.A.	RU / E /2009/26 RU / E/ 2009/41 RU /E /2009/182	Selection of suitable sites for land filling of solid waste using GIS integrated with Analytical Hierachy Process (AHP): A case study for Galle district	2013 December
24	157	Vidanapathirana, V.P.H.S. Siriwardana, M.P.	RU / E/2009/178 RU/E/2009 /168	Locally available and low-cost packing media for anaerobic filters to treat landfill -leachate	2013 December
25	158	Kothalawala, C.D. Kumara, P.G.R.A.	RU/ E/2009/ 94 RU/E/2009/ 98	Evaluation of quality of washoff storm water in selected urban impervious surfaces	2013 December
26	159	Jayathilaka, k.D.L.I. Rathnayaka, M.S. Wannipura, C.J.	RU / E /2009/75 RU /E/ 2009/147 RU /E /2009/198	Evaluation of conveyance and other losses in a medium irrigation tanks	2014 January

27	160	Perera, H.A.K.C. Ssriwarnasinghe, S.M. Wijerathna, W.M.R.I.	RU / E /2009/131 RU / E/ 2009/170 RU /E /2009/191	Evaluation of efficiency alternative filter media for Pebble Matrix Filters (PMF)	2013 December
28	161	Balasooriya, B.M.G.N. Jayasekara, W. A.C.R. Samaraweera, D.D.	RU / E /2009/14 RU / E/ 2009/69 RU /E /2009/214	Investigation of failures and successes of participatory roadside landscape development	2013 December
29	162	Jayathilaka, K.M.N.U. Jayawardana, E.L.A.C.	RU / E /2009/74 RU / E/ 2009/78	Factors affecting on the competition between two wetland species	2013 December
30	163	Kulathunga, S.P.S.P.	RU / E/2009/ 96	Flood damage estimation based on flood simulation scenarios and GIS platform: A case study at Thawalama, Galle.	2014 January
31	164	Rajapaksha, R.M.K.C.	RU/ E/2009/ 138	Development of Intensity duration frequency curve under climate change for Galle Meteorological station	2014 January
32	165	Pathirana, H.P.R.D. Tennakoon, T.M.S.B.	RU / E/2009/126 RU /E/2009 /175	Analysis of Dam Break flow to predict Green water flow on offshore structures	2013 December