

Department of Civil and Environmental Engineering
Undergraduate Research Project Reports - 2010 / 2011

No.	Acc No	Date	Student Name	Student No.	Title	Submit Date
1	73	22.12.2011	Kukule, D.P.M. Mishel, R.M. Mayura, D.s.	RU / E /2007 /183 RU /E /2007 / 105 RU /E /2007 / 162	Flexural Behavior of high Strength cold - formed steel Channel sections with Intermittent	2011 September
2	74	.	Hansani, K.W. Shyama, L.D. Ushan, B.J,	RU / E /2007 /198 RU /E /2007 / 038 RU /E /2007 / 065	Concrete Mix Calculator	2011 September
3	75		Karunarithna, N.P.K.V. Liyanage, N.C. Prabath, R.A.S.	RU / E /2007 /075 RU /E /2007 / 095 RU /E /2007 / 122	Unification of reinforced Concrete Design Element Design	2011 September
4	76		Danusha, G.G. Nirmal, D.K. Gayan, C.W.	RU / E /2007 /57 RU /E /2007 / 74 RU /E /2007 / 31	Servic Life Prediction of R/C Structures Exposed to Chloride Environment	2011 September
5	77		Kulasing Arachchige, S. Jathunge Sanath, K.U. Weerasinghe, H.M.A.	RU / E /2007 /170 RU /E /2007 / 178 RU /E /2007 / 182	Investigation of Optimum Utilization of Rice Husk ash to Enhance the Mechanical Properties of Concrete	2011 September
6	78		Senarath, B.K.D.K.K. Babile Gedera, C.M.S. Bindu, H.J.P.	RU / E /2007 / 73 RU /E /2007 / 151 RU /E /2007 / 201	Effect of lime on Characteristics of Rice Husk Ash (RhA) Based Masonry Blocks	2011 September
7	79		Wickramasinghe, S.A.N.S. Masakorala, S.R. Jayasinghe, E.A.T.P.	RU / E /2007 /187 RU /E /2007 / 104 RU /E /2007 / 066	Investigation of Damage on Structures due to Blast Vibration	2011 September
8	80		Kosala, G.S. Amila, P.P. Sandun, C.G.	RU / E /2007 /166 RU /E /2007 / 118 RU /E /2007 / 27	Use of Crushed Coconut Shells in Manufacturing of Masonry Blocks	2011 September
9	81		Liyana Gamage, A.M. Kasun, N.M. Magedara, V.T.U.	RU / E /2007 /075 RU /E /2007 / 095 RU /E /2007 / 122	A Combined High and Low Cycle Fatigue Model for Steel Bridges	2011 September

10	82		Opanayake, S.C. Warnakulasuriya, J.M.K.P. Herath, M.N.S.K.	RU / E /2007 / 26 RU / E /2007 /119 RU / E /2007 / 88	Investigation of Wall Surface Material to Reduce Industrial Noise	2011 September
11	83	.	Chavin, N.N. Ajeendra, I.J. Degiri, A.M.S.	RU / E /2007 /110 RU /E /2007 / 70 RU / E /2007 /161	Influence of actual Environmental factors on Shrinkage Behaviour of Concrete Containing Mineral Compounds	2011 September
12	84		Chathurika, S.W. Dissanayaka, H.I.P.D. Dimuth, P.	RU / E /2007 /179 RU /E /2007 / 41 RU /E /2007 / 116	A Basic Study on Vibration Measurement Based Structural Health Monitoring of Steel Railway Bridges in Sri Lanka	2011 September
13	85		Lasintha, E.D.L. Prabath, R.M.T. Srimal, L.P.R.	RU / E /2007 / 93 RU /E /2007 / 123 RU /E /2007 / 168	Influence of Fine Aggregate Types on the Performance Self Flowing Concrete	2011 September
14	86		De Silva, L.N.S. Chandrasena, K.L.D.T. Dharmadasa, B.Y.D.	RU / E /2007 / 34 RU /E /2007 / 21 RU /E /2007 / 39	Soil Structure Interaction of Arch Bridge	2011 September
15	87		Arunodi, P.A. Tharanga, P. Sunera, P.R.	RU / E /2007 / 02 RU /E /2007 / 129 RU /E /2007 / 135	Investigation of Suitability of Expansive Soil to use as Clay Liners in Arid Zone.	2011 September
16	88		Liyana Arachchige, T.U.L. Gajaman Hewage, H.S. Rathnayake, M.D.N.R.	RU / E /2007 / 94 RU /E /2007 / 154 RU /E /2007 / 144	Estimation of Degree of Consolidation on Vacuum Preloading Method	2011 September
17	89		Balasooriya, B.A.D.R.C. Jayasundara, K.M.P.R. Chamara, W.K.J.	RU / E /2007 / 10 RU /E /2007 / 67 RU /E /2007 / 19	A Study on the Identification of Influential Walkability Correlates of the Physical Environment	2011 September
18	90		De Silva, D.B.S. Srimal, G.M.C. Gunawardhane, A.A.	RU / E /2007 /203 RU /E /2007 / 167 RU /E /2007 / 58	Identification of Safe Pedestrian Environmental Features Investigation Based on Traffic Accident Analysis	2011 September
19	91		Viraj, M. Suranga, R. Rasanjana, K.G.	RU / E /2007 /205 RU /E /2007 / 131 RU /E /2007 / 140	Water Quality Variation Along Moragoda Ela - Galle	2011 September
20	92		Aluthgedara, S.C. Lakmal, P.M.I.M. Lakmal W.V.S.	RU / E /2007 /04 RU /E /2007 / 89 RU /E /2007 /200	Water end-uses and Conservancy in residential buildings : applicability of the use of rainwater and Grewater	2011 September

21	93	Anojika, K.G.M.S. Kumari, G.M.N.R. Priyankara, T.D.P.	RU / E / 2007 /06 RU / E /2007 / 87 RU /E /2007 /128	Integrated Ecological Assessment of Lotic waters and Implications for Ecological Engineering Methods	2011 September
22	94	Weerakoon, W.M.T. Wicramaarchchi, W.N.I Gnanasiri, M.P.G.R.K.	RU / E /2007 /181 RU /E /2007 / 186 RU / E /2007 / 55	Evaluate the performance of the Strom Water Drainage Systems of Hapugala Campus and Suggest methods for Improvement	2011 September
23	95	Tharanga, R.P. Wijayarathne, P.J. Kumara, H.L.C.P.	RU / E /2007 /171 RU /E /2007 / 189 RU / E /2007 / 81	Development of A Comprehensive Inventory of Minor Irrigation Schemes in Sri Lanka.	2011 September
24	96	Chathuranga, R.H.P.G.D. Gayasri, W.I. Nishshanka, N.M.W.A.S.	RU / E /2007 /25 RU /E /2007 / 54 RU /E /2007 /113	On Analysis of Rainfall Variations of Gin Ganga Basin	2011 September
25	97	Dharmasiri, T.G.C.N.R. Samarawickrama, H.C. Wimalachandra, M.S.W.	RU / E /2007 /40 RU /E /2007 /152 RU /E /2007 /195	Economic Feasibility of Diverting Mahaweli Water to North central Province	2011 September