

**Geotechnical Engineering-Environmental Geotechniques**

Session 05 : 14.07.2017(DAY 2),Friday,2.30 to 4.30pm

Venue : CE Seminar Hall 1

Chair 1: Dr. K.Balan

Chair 2: Dr. Usha Thomas

Session Manager : Prof. Sayida M.K.

Sl. No.	Paper ID	Title	Authors
1	6	Stabilisation of Marine clays by MICP: Optimum Reagent Concentration and Treatment Duration	Kannan K
2	11	Effect of Particle Size and Confining Pressure on Shear Strength Parameter of Alluvial Rockfill Material	NimbannaHonkanadavar, Sandeep Dhanote and Sanjeev Bajaj
3	19	Effect of Lime Stabilization on Quarry Muck	S R Fathim Shan,Kiran Anand, Aiswarya Nair G M, Hareeth S Nair andK Balan
4	28	Effect of Salt Content on the Engineering Properties of Bentonite	Uddayan Pratap Singh andRakesh Kumar Dutta
5	36	Experimental Study on the Mechanical Properties of Limestone Following High Temperature Preparation	Aali Pant and Narendra Kumar Samadhiya
6	37	Prediction of leakage rate through the composite liner due to geomembrane defect using artificial neural network	Suman Kumari andRakesh Kumar Dutta
7	42	Biocementation of Soil supplemented with Eggshell and Sporosarcinapasteurii	Bindu J, Aishwarya Shaji, Neethu M.V,Snehapoomnima P.V, Thasleema P, Vijimol V and Kannan K
8	46	A framework for prediction of compaction parameters in standard Proctor tests	Sreelekshmy Pillai G Vinod P

**Plenary lecture**

Venue : CE Seminar Hall 1	Date and Time	Title	Speaker
CE Seminar Hall 2	13 <sup>th</sup> July 11.30 to 12.30pm	Standardisation and its Impact on the Society	Er. Jose KurianTeam Leader, CDM Smith India, consultant to Govt. of Kerala
CE Seminar Hall 2	13 <sup>th</sup> July 1.30 to 2.15pm	Geosynthetics for Pavements	Prof. G. V. Rao, Former Professor and Head Cept of Civil Engg. IIT Delhi
CE Seminar Hall 1	14 <sup>th</sup> July 10.30 to 11.15am	Remote Sensing using Surface Wave Techniques	Dr. Gopu R. Potty, University of Rhode Island, Narragansett, RI 02879 USA gpotty@uri.edu
CE Seminar Hall 2	14 <sup>th</sup> July 1.30 to 2.15pm	River and Coastel protection using Geosynthetics for Indian Enviroment	Er. M. VENKATARAMAN Geosynthetics & Geotechnical Consultant
CE Seminar Hall 2	15 <sup>th</sup> July 9.30 to 9.50am	Er Amruth Chand , M/s Mecafferri India Pvt Ltd	
CE Seminar Hall 2	15 <sup>th</sup> July 9.50 to 10.15am	Hydraulic Modeling for Coastal Protection Structures	Dr. P.K Suresh, Principal, Meenakshi Sundararajan College of Engineering