

4th Indian Young Geotechnical Engineers Conference, 17-18 May 2013, IIT Madras
Partial list of full length papers received for review

Theme 1 Soil Behaviour

Sl. No	Paper ID	Authors	Authors	Title of Paper	Affiliation	e-mail
1	T1P1	Rohit Kumar, K.	Rohit Kumar, K. Lokesh, J. and Satyanarayana Reddy, C. N. V.	Geotechnical Characterisation of Silico Manganese Slag for Civil Engineering Applications	Dept of Civil Engineering, Andhra University, Visahapatnam	robert_wells555@yahoo.com; lokesh.jallu@rocketmail.com; cnvsreddy@rediffmail.com
2	T1P2	Balaji, P.	Balaji, P & S Banerjee	Post- cyclic undrained shear strength of Chennai marine clay	Dept of Civil Engineering, IIT Madras	balamani.cd@gmail.com; subhadeep@iitm.ac.in
3	T1P3	Subramaniam, P.	Subramaniam, P. and Subhadeep Banerjee	Study on shear modulus degradation behaviour of cohesive soils	Dept of Civil Engineering, IIT Madras	psmani100@gmail.com; subhadeep@iitm.ac.in
4	T1P4	Sultana, B.	Sultana, B. and S.P. Singh	Strength and permeability characteristics of bottom ash and coarse pond ash	Department of Civil Engineering, National Institute of Technology, Rourkela	benazeersultana @gmail.com; sp Singh@nitrrkl.ac.in
5	T1P5	Sridhar, G.	Sridhar, G. and U Veena, U.	Large size pneumatic consolidometer for consolidation testing	Dept of Civil Engineering, IIT Madras	sridharg262@gmail.com; veenau1010@gmail.com
6	T1P6	Tadikonda Venkata	Tadikonda Venkata Bharat	Honey-bees for predicting unsaturated soil hydraulic characteristics	Department of Civil Engineering, Indian Institute of Technology Guwahati, Guwahati	tvbharat@gmail.com; tvb@iitg.ernet.in
7	T1P7	Vysakh, P.	Vysakh, P. and Bindu, J.	Prediction of swelling of kuttanad clay using indirect tests	Dept Civil Engg, College of Engineering Trivandrum	ysakh@ymail.com
8	T1P8	Rukhaiyar, S.	Rukhaiyar, S. and N. K. Samadhiya	Artificial neural networks as a basis for predicting polyaxial strength of intact rock	Dept. Civil Engg., Indian Institute of Technology Roorkee, Roorkee – 247667	Saurav.rukhaiyar@gmail.com; nksamf@iitr.ernet.in; pain_anindya@yahoo.co.in
9	T1P9	Saranya Selvam	Saranya Selvam and Umashankar Balunaini	Stability Analysis of Slopes in NC and OC clays	Dept of Civil Engineering, IIT Hyderabad-502 205	saranyacve@gmail.com; buma@iith.ac.in

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Theme 2 Ground Improvement

Sl. No	Paper ID	Authors	Authors	Title of Paper	Affiliation	e-mail
1	T2P1	Ganesh Kumar, S.	Ganesh Kumar, S.	Stabilisation of soft clays using geosynthetic encased stone columns and vacuum loading	Dept Civil Engg., IIT Madras	85sganesh@gmail.com
2	T2P2	Pratibha, R.	Pratibha, R. and P.V.Sivapullaiah	Controlling dispersivity of soil through lime and cement	Dep Civil Engineering, IISc, Bangalore- 560 012	pratibha2388@gmail.com siva@issc.ernet.in
3	T2P3	Sravan, M.V.	Sravan, M.V. and Nagaraj, H.B.	Effectiveness of lime as a stabilizer along with cement in csebs	Dept Civil Engg, BMS College of Engineering, Bangalore – 560 019	shravanmv@gmail.com, hbnraj@gmail.com
4	T2P4	K. V. N. S. Raviteja	K. V. N. S. Raviteja; Meher Lavanya, P; Ramu, K.; V. Harikishore, V. and Dayakar	Efficacy of lime fly ash blends on the behaviour of expansive soils	Department of Civil Engineering, UCEK, JNTUKakinada, Kakinada – 533003	kvnsravi.teja@gmail.com, kramujntu@gmail.com, vhkishore@yahoo.com,
5	T2P5	Mistry Karan, B.	Mistry Karan B; N.D. Shah and A.V. Shroff	Experimental study of load bearing capacity in group of stone column	Dept Civil Engg., CSPIT, CHARUSAT, Changa, Anand, Gujarat	karanmistry.cv@ecchanga.ac.in, nirajshah.cv@charusat.ac.in, dravshroff@yahoo.co.in
6	T2P6	Nisha, K. K.	Nisha, K. K.; Thushara T. S.; Jayasree, P. K. and Balan, K.	Feasibility studies on using coir waste as a subgrade reinforcing material	Department of Civil Engineering, College of Engineering, Trivandrum	nishakk@yahoo.com, thusharathulasee@gmail.com, jayasreepk@yahoo.com,
7	T2P7	Sandeep Sahu	Sandeep Sahu and Kenny yee	A realistic approach of ground improvement based on Performance criteria- case studies	Freysinet Menard India Pvt. Ltd., New Delhi	sandeep.sahu@menard-asia.com, kenny@menard-asia.com
8	T2P8	Chinchu Cherian	Chinchu Cherian and Dali Naidu Arnepalli	Role of lime diffusion in stabilization of fine grained soils: a critical review	Dept Civil Engg., IIT Madras	chinchu0401@gmail.com , arnepalli@iitm.ac.in

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Theme 3 Geosynthetics

Sl. No	Paper ID	Authors	Authors	Title of Paper	Affiliation	e-mail
1	T3P1	Wajeeh Mohamed, T.P.	Wajeeh Mohamed, T.P and Rangaswamy, K.	Effect of natural fibre on the strength characteristics of silty soil	Dept Civil Engg., NIT Calicut, Calicut – 673601	wajeehmohd@gmail.com, ranga@nitc.ac.in
2	T3P2	Manoj Krishna, K.V	Manoj Krishna, K.V. and Ramesh, H.N.	Compaction and strength behaviour of lime treated red earth soil reinforced with rdcf	Dept Civil Engineering, Govt.SKSJTI, K.R.Circle, Bangalore-560 001	shree_manoj@yahoo.com, rheddur@yahoo.com, rheddur@gmail.com
3	T3P3	A. Hegde	A.Hegde and Sitharam, T.G.	Effect of Infill Materials on the Performance of the Geocell Reinforced Clay Beds	Dept Civil Engg, Indian Institute of Science, Bangalore, India-560012	amarnathhegde@gmail.com , sitharam@civil.iisc.ernet.in
4	T3P4	S. Bali Reddy	S. Bali Reddy and Murali Krishna, A.	Numerical study on geofoam applications in retaining structures	IIT Guwahati, Guwahat	sodom@iitg.ernet.in, amurali@iitg.ernet.in
5	T3P5	Kavya, S.	Kavya, S; Kinjal Shah and A.K.Desai	Analysis of slope stability by application of fibres	Dept Applied Mechanics, NIT, Surat – 395007	kavyacvl@gmail.com, kinjal317@gmail.com,
6	T3P6	Faby Mole, P.A.	Faby Mole P.A.; Sireesh Saride and Madhav, M. R	Estimation of bearing capacity of strip footing on geocell reinforced soils	Dept Civil Engg., IIT, Hyderabad-502205	fabyhere@gmail.com, sireesh@iith.ac.in, madhavmr@gmail.com
7	T3P7	Emy Poulouse	EmyPoulouse; Ajitha A.R., and Sheela Evangeline, Y.	Prefabricated landfill liner using coir geotextile and polypropylene felt	Dept Civil Engg. College of Engineering Trivandrum, 695016.	emypoulouse@gmail.com

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Theme 4 Geoenvironmental Engineering

Sl. No	Paper ID	Authors	Authors	Title of Paper	Affiliation	e-mail
1	T4P1	Saranya, N.	Saranya, N. and Dali Naidu Arnepalli	Influence of zeta potential on fundamental behaviour of clayey soils	Dept of Civil Engineering, Indian Institute of Technology Madras, Chennai – 600 036	saranya.nithyanandan@gmail.com; arnepalli@iitm.ac.in
2	T4P2	A. K. Singh	A. K. Singh; Raj Kumar and Manjari Agrawal	Design of waste pond for NIT Jamshedpur campus	Dept. of Civil Engineering, N. I. T. Jamshedpur - 831014	aknitjsr@rediffmail.com; aksingh.ce@nitjsr.ac.in; rkrajkunwar@gmail.com; manjariagrawal.9999@gmail.com
3	T4P3	Christiarani, J.	Christiarani, J. and Jayalakshmi, C.	Remediation of polycyclic aromatic hydrocarbons contaminated soil by surfactant enhanced soil washing technique	Department of Civil Engineering, Regional Centre of Anna University, Tirunelveli Region, Tirunelveli – 627 007	christigce@gmail.com
4	T4P4	Reshmi, P.	Reshmi, P. and Sankar, N.	Knowledge based expert system for prediction of ground water pollution	Department of Civil Engineering, National Institute of Technology, Calicut – 673 601	sankar@nitc.ac.in

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Theme 5 Foundations

Sl. No	Paper ID	Authors	Authors	Title of Paper	Affiliation	e-mail
1	T5P1	Muddaraju, H.C.	Muddaraju H.C. and Gangadhara, S.	Effect of reinforcement on the performance of different shaped footings in flyash beds under repeated loads	Department of Civil Engineering, Bangalore University, Bangalore-560056	muddu.hc@gmail.com, gdhara_68@yahoo.com
2	T5P2	Arghadeep Biswas	Arghadeep Biswas, Murali Krishna, A. and Sujit K. Dash	Behavior of circular footing on layered soil: sand overlying clay subgrades	Dept. of Civil Engineering, IIT Guwahati, Assam – 781039	b.arghadeep@iitg.ernet.in, amurali@iitg.ernet.in, sujit@civil.iitkgp.ernet.in
3	T5P3	Venkata Koteswara Rao P	Venkata Koteswara Rao P.; Hari Krishna, P. and V. Ramana Murthy	Granular Anchor Piled Footings – an Alternative treatment in Expansive Soils	Department of Civil Engineering, NIT Warangal	pvkoteswararao96@gmail.com, phk_nitw@yahoo.co.in, vrm_nitw@yahoo.com
4	T5P4	S. Bali Reddy	S. Bali Reddy and Murali Krishna, A	Numerical study on geofom applications in retaining structures	IIT Guwahati, Guwahati, India	sodom@iitg.ernet.in, amurali@iitg.ernet.in
5	T5P5	Sherin, K S	Sherin, K.S. and Sankar, N.	Pile settlement prediction using artificial neural network	Dept Civil Engineering, NIT Calicut, Kerala – 673601	sherin1405@gmail.com, sankar@nitc.ac.in
6	T5P6	Shivani Rani	Shivani Rani and Amit Prashant	Estimation of the Maximum Shear Modulus in the context of finding Spring Constant of MonoPile System	Indian Institute of Technology Gandhinagar, Ahmedabad - 382424	shivani.rani00@gmail.com, ap@iitgn.ac.in
7	T5P7	S.Tripathy	S. Tripathy and S.P. Singh	Vertical load carrying capacity of model circular skirted footings on sand	Dept Civil Engineering, NIT, Rourkela-769008	sugyani16@gmail.com, spsingh@nitrrkl.ac.in

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Theme 6 Underground Structures

Sl. No	Paper ID	Authors	Authors	Title of Paper	Affiliation	e-mail
1	T6P1	Muniyappa, P.	Muniyappa, P.; G. M. Gaspari and E. Nuzzo	The risk assessment of sensitive structures during tunnelling in densely populated urban areas	GEODATA India Pvt. Ltd, Delhi and GEODATA Engineering S.p.A, C.so Duca degli Abruzzi 48E, Turin, Italy	prm@geodata.it; prathunayak@gmail.com; gmg@geodata.it; giusepegaspari@hotmail.com; enu@geodata.it
2	T6P2	Sravan Kanumuri	Sravan Kanumuri; Sridhanya, K.V. and Kumar Pitchumani N	Prediction of settlements along cut and cover excavations and tunnels	AECOM India Pvt. Ltd, Chennai, India	Sravan.kanumuri @aecom.com; Sridhanya.KV @aecom.com ; NKumar.Pitchumani@aecom.co

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Theme 7 Soil dynamics and Earthquake Engineering

Sl. No	Paper ID	Authors	Authors	Title of Paper	Affiliation	e-mail
1	T7P1	Bharathi, M.	Bharathi, M and Dhiraj Raj	Comparison of block and pile foundation for reciprocating machines	School of Civil Engineering, Lovely Professional University, Punjab and Department of Earthquake	bharathi.iitr@gmail.com; dhirajraj.iitr@gmail.com
2	T7P2	SunitaKumari	SunitaKumari and V.A. Sawant	Numerical modelling of liquefaction considering two-dimensional plane - strain conditions	Department Of Civil Engineering, Indian Institute of Technology Roorkee	sunita.nitpatna@gmail.com, sawntfce@iitr.ernet.in
3	T7P3	Akhila, M.	Akhila, M. and Ranga Swamy, K.	Study on the behaviour of piled raft foundation under seismic load	Department of, Civil Engineering National Institute of Technology, Calicut	akhila144@gmail.com ; rangadr2002@gmail.com
4	T7P4	Arun, C.	Arun, C. and Jaya, V.	Reliability analysis of soil nail wall under dynamic loading	College of Engineering Trivandrum, Kerala	www.arun@gmail.com; jayasraj@gmail.com
5	T7P5	Renjitha Mary Varghese	Renjitha Mary Varghese and Madhavi Latha, G.	Factors governing the initiation of liquefaction in sand under dynamic loading	Department of Civil Engineering, Indian Institute of Science Bangalore, Karnataka	renjitha@civil.iisc.ernet.in, madhavi@civil.iisc.ernet.in
6	T7P6	Pragyan Pradatta Sahoo	Pragyan Pradatta Sahoo; Sunita Kumari and Vishwas A. Sawant	Modelling of liquefaction phenomenon using fem	Department Of Civil Engineering, Indian Institute of Technology Roorkee	pragyan.pradatta.sahoo@gmail.com, sunita.nitpatna@gmail.com,
7	T7P7	S. Sahoo	S. Sahoo; B. Manna and K. G. Sharma	Slope stability analysis of an island under earthquake condition	Department of Civil Engineering, Indian Institute of Technology Delhi,	s.sahoo.iitd@gmail.com; bmanna@civil.iitd.ac.in;

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Theme 8 Site Investigation

Sl. No	Paper ID	Authors	Authors	Title of Paper	Affiliation	e-mail
1	T8P1	Vashi Jigisha, M.	Vashi Jigisha M.and Hitesh H. Desai	Need for experience and engineering judgement in analysis of raw sub soil exploration data	S. V. National Institute of Technology, Surat, Gujarat and Unique Engineering Testing & Advisory Services, Surat, Gujarat	vashi.jigisha@gmail.com; hitesh1953@gmail.com
2	T8P2	Kalyan Kumar, G.	Kalyan Kumar, G. ; Mahajan, A.K.	Geotechnical characteristics of soil sample from Rohtang area	National Geotechnical Facility, Poonch House, Dehradun and School of Earth and Environmental Sciences, Central	kalyanngf@gmail.com; akmahajan@rediffmail.com
3	T8P3	Panneer Selvam, L.	Panneer Selvam L; Anbazhagan, P.; Sreenivas, M; Akshath, H.K. and Peter, J.	Indigenous SPT -hammer energy measurement apparatus & preliminary studies	Department of Civil Engineering, Indian Institute of Science, Bangalore,	panneer7selvam@gmail.com; anbazhagan2005@gmail.com; msreenivasrao@gmail.com ;
4	T8P4	Ramaiah, B.J.	Ramaiah, B.J.; G.V. Ramana & B.M. Basha	Preliminary geotechnical investigations at an MSW dump site in Delhi	Department of Civil Engineering, Indian Institute of Technology Delhi	janakiramsvu@gmail.com, gvramanaiitdelhi@gmail.com & mbasha@gmail.com
5	T8P5	Rojimol, J.	Rojimol, J; Phanindra, K.B.V.N and Umashankar, B	Application of deterministic geo- statics in site exploration	Department of Civil Engineering IIT Hyderabad, ODF Campus,	rojihn@gmail.com; phanindra@iith.ac.in;