INDIAN GEOTECHNICAL CONFERENCE IGC-2010
GEO*trendz*

List of Accepted Abstracts (as on July 20, 2010)

1. **The format and instructions for preparing full length papers are now available on the website**.
2. Last date of submission of full length papers is extended to **August 10, 2010**.
3. In all future correspondence please quote Abstract No. and Theme No.
   For full length paper, use file name as Abstract NoTheme No.doc (for example, if your Abstract no. is 203 and theme No. is T5, then name the file as 203T5.doc)
4. Abstracts not found in the list below, imply that those abstracts could not be considered for IGC-2010.

Theme T1: Geotechnical issues of urban infrastructure

Sr. No.	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	16	Effect of coal fines on the shear strength of ballast	Sanjay Nimbalkar	sanjayn@uow.edu.au
2.	62	Behaviour of pile-raft foundation of tall building	S. J. Shukla	sdv@amd.svnit.ac.in
3.	89	Correlation of aircraft and pavement classification numbers with the characteristics of the runway soil subgrade	Devinder Kumar Yadav	d.yadav@ecu.edu.au
4.	94	Neighboring structure documentation and monitoring during urban construction - An overview of the state of practice in the New York city	Satyajit A. Vaidya	svaidya@langan.com
5.	126	Challenges and issues in the modern day piling	R R Havaldar	sunil.basarkar@itdcem.co.in
6.	132	Control of swell-shrink behavior of expansive clays using geosynthetics	V K Stalin	staliniisc@yahoo.co.in
7.	141	California Bearing Ratio evaluation and estimation - A study on comparison	Tapash Kr Roy	tapash@civil.becs.ac.in
8.	253	Effect of vertically loaded pile on existing urban tunnel in clay	S. Arunkumar	arun175@yahoo.com
9.	257	Stabilization of subgrade of flexible pavement with different materials	Gourhari Biswas	Gourhari.biswas@yahoo.com
10.	354	Urban rain water harvesting technology based on geotechnical aspects	M. D. Desai	earthmdd@yahoo.co.in
11.	369	Group efficiency factor for pile groups in clay under uplift loading	R. Ayothiraman	araman@civil.iitd.ac.in

Theme T2: Site investigation by non-invasive techniques and Site characterization

Sr. No.	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	48	A multi-frequency GPR approach to non-invasive subsurface mapping	Divya Priya, B.	thivee@gmail.com
2.	63	A case history of different alluvial soil deposits across Kosi River for the location of Dagmara Hydro-electric Project (6 x 21 MW), Dist. Saupaul, Bihar State	I.B. Chibber	ichhibber@gmail.com
3.	85	An assessment of electrical resistivity sounding data by different interpretation techniques	J.M. Kate	jmkate@civil.iitd.ac.in
4.	112	Site characterization at Ekambareswara temple complex, Kanchipuram, Tamil Nadu	G. Kalyan Kumar	kalyanu.g@gmail.com
5.	184	A methodology for detection of buried objects prior to foundation excavation using ground penetrating radar and support vector machines	Hebsur, A.	almelu84@gmail.com
6.	219	Geotechnical characterization of miscellaneous wastes	K.V.S.B. Raju	kvsbraju.2007@gmail.com
7.	243	Hyperspectral variable band selection methodology to assess soil salinity	M. Kalamuthumari	kalamuthumari@yahoo.com
8.	258	Interpretation of geotechnical investigation report	Sanjeev Gupta	sanjeevgupta@tce.co.in
9.	265	Effect of near surface soil and sub-surface rock on the seismic signal propagation: A study by modeling synthetic accelerograms for the Guntlakkamma fault	T V N Srinivas	tvenkatn@gmail.com
10.	270	Application of non-invasive techniques in site investigation and site characterization of river valley projects	Khanna Rajesh	Rajesh12khanna@yahoo.com
11.	283	Fine aggregate characterization based on digital image analysis	Karisiddappa	ks@mcehassan.ac.in
12.	306	Need for relook at design practice for RE wall foundations	Nirav B. Umravia.	Nirav_dr@indiatimes.com
13.	307	Effect of depth of footing and water table on bearing capacity of soil	M.S. Dixit	manishdixit@gmail.com
14.	313	A study on wetting soil-water characteristic curve of a poorly graded sandy soil	C. Malaya	m.chetia@iitg.ernet.in
15.	323	Stabilization and seepage control measures suggested at 100 yrs old Parsik tunnel of Central Railways – A case study	M N Bagde	mn_bagde@yahoo.com
16.	356	CBR predicted by index properties for alluvial soils of South Gujarat	Rashmi S. Patel	swtrashmi@gmail.com

Theme T3: Tunnels and underground construction

Sr. No.	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	15	Behaviour of circular tunnel under varying soil medium	K Venkatesh	venkatesh@mnnit.ac.in
2.	30	Challenges and strategies in tunneling in Himalayan region	V K Mauriya	vkmfes@gmail.com
3.	212	Static and dynamic analysis of underground structures	T.G.Sitharam	sitharam@civil.iisc.ernet.in
4.	233	Ground response studies for the design of Head Race Tunnel (HRT) for Chuzachen Hydroelectric Project, Sikkim	K.S.Rao	raoks@civil.iitd.ac.in
5.	347	Blast cycle in tunnel construction	S S Poudel	shreeniwaspoudel@gmail.com

Theme T4: Geotechnical earthquake engineering

Sr. No.	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	01	Pile soil interaction in liquefiable soils during earthquake	C.D.Raman	chandradevi.raman@yahoo.com
2.	17	Analysis of reinforced soil wall - Effect of kinematics and non-linear backfill response	G V N Reddy	gvnreddy_jntu@yahoo.com
3.	40	Earthquake wave energy flow and distribution	Gohil D P	dpgohilcapri_2005@yahoo.com
4.	55	Seismic soil - structure interaction in buildings on the layered soils	A Bengü Sünbül	bengusunbul@yahoo.com
5.	61	Liquefaction resistance of Solani sand under cyclic loads	S S Choudhary	shv.snkr@gmail.com
6.	73	Behaviour of RCC shear wall in multistoried building frames subjected to seismic forces under different soil conditions	N Anand	anand_1612@rediffmail.com
7.	74	Yield deformation of a cohesive embankment	A K Dey	akdey@nits.ac.in
8.	104	Axial load transfer of pile supported structures in liquefiable soils during earthquake	C.D.Raman	chandradevi.raman@yahoo.com
9.	113	Methods for seismic microzonation - A comparison	D Diptendra	diptendra_69@yahoo.co.in
10.	118	Past and future of liquefaction	V K Puri	puri@engr.siu.edu
11.	140	Seismic performance of gravity quay walls in unimproved and in improved soils	Heba Kamal	Heba.Kamal@dargroup.com
12.	149	Influence of fundamental period and seismic displacements on pseudo-static slope stability analysis of embankments	S S Kandolkar	haldankarsmita@gmail.com
13.	158	Evaluation of seismic bearing capacity of shallow foundation	K Premalatha	kvprema@annauniv.edu
14.	160	Site specific ground response and liquefaction analyses for a project site in New Madrid seismic zone	Sanjeev K	kumars@ce.siu.edu
15.	174	Seismic response of soil-pile foundation-structure system	Rajib Saha	rajib_2s123@rediffmail.com
16.	185	Seismic hazard analysis for Chennai using kernel density estimation	Chethanamba K R	chethkr@yahoo.co.uk
17.	187	Evaluation of DSC parameters for Solani sand	N M Syed	madanibaroda@gmail.com
18.	199	Seismic site characterization in India and rock depth Issues	Anbazhagan P	anbazhagan@civil.iisc.ernet.in
19.	208	Estimation of site parameter from records of earthquakes at multiple distances from a single station in Northeast India	D. K. Awasthi	awasthi_dk.cwprs@yahoo.in
20.	232	Probabilistic seismic hazard analysis and development of peak ground acceleration model for Surat city and surrounding region, Gujarat	T P Thaker	tej_p_thaker@yahoo.co.in
21.	236	Shear wave velocity profiling for Lucknow urban centre using seismic refraction of MASW	Abhishek Kumar	anbazhagan@civil.iisc.ernet.in
22.	256	Seismic response of geosynthetic reinforced soil slopes	G Madhavi Latha	madhavi@civil.iisc.ernet.in
23.	294	An overview of seismic zonation studies in India	A K Mohapatra	alokgpiitkgp@gmail.com
24.	288	Seismic response of liquid storage tanks considering soil-structure interaction effects in time domain	Krishna Rao, K.S.R	komperla@hotmail.com
25.	310	Performance of small-scale model slopes in shaking table tests	Debabrata G	debagiri@rediffmail.com

26.	315	Seismic slope stability analysis of tailings earthen dam using TALREN4	D Chakraborty	debarghya@civil.iisc.ernet.in
27.	318	Study on bearing capacity of pile in liquefiable and unliquefiable soil layers	I. Shooshpasha	Shooshpasha@nit.ac.ir
28.	325	Evaluation of seismic hazard for enter India: Deterministic approach including local site effects	T.G.Sitharam	sitharam@civil.iisc.ernet.in
29.	355	Prediction of liquefaction potential of subsoil and need for reverification of field SPT data	J B Patel	pjb@amd.svnit.ac.in
30.	357	Behaviour of soil under cyclic loading	A Juneja	ajuneja@iitb.ac.in
31.	359	Seismic hazard map for the state of Karnataka with local site effects: Deterministic seismic hazard analysis	T.G.Sitharam	sitharam@civil.iisc.ernet.in
32.	360	A critical study on seismic design of retaining structures	A D Katdare	ameykatdare@iitb.ac.in
33.	314	Critical Evaluation of methods of estimating fundamental period of soil deposit	Vijayendra K V	Prasad_s_k@gmail.com
34.	396	Effect of earthquake induced lateral soil movement on piles in sloping ground	I.P.Subha	kmk@nitt.edu
35.	376	Effect of soil stiffness on natural period of rigid structural frame system	Prasad S K	prasad_s_k@hotmail.com

Theme T5: Earth and earth retaining structures

Sr. No.	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	03	State of Art : Factors influencing design of earth retaining structures	Vashi, J M	vashi.jigisha@gmail.com
2.	18	Optimal design of the shoring system - A parametric study	M Bhanuchitra	bhanuchitra@Intecc.com
3.	95	Reduction in construction material : Effect of provision of loft/s behind cantilever retaining wall	Patil S M	smpatilkumathe@yahoo.co.in
4.	114	Analysis of a braced excavation using hardening soil model	A Usmani	altaf.usmani@eil.co.in
5.	144	Centrifuge modeling of wrap-around geotextile-reinforced soil walls	A Mane	abhinav.mane@iitb.ac.in
6.	146	Analysis for slope stability of flood embankments	Animesh Basu	a.basu@iitg.ernet.in
7.	157	Lateral load behavior of pile and pile groups founded in layered soil	A.D. Malarkaran	dmkcivil@gmail.com
8.	186	Seismic analysis and design of homogenous soil slopes	Babu V S	babuvsrk@gmail.com
9.	191	Lateral earth pressure reduction due to EPS geofoam in cantilever retaining wall	Arun T.	civilarun03@gmail.com
10.	278	Optimum dump slope design of a lumpy Chromite ore mine	V K Singh	vks_slope@yahoo.com
11.	293	Modified two wedge failure mechanism for seismic analysis of vertical reinforced soil walls by pseudo dynamic approach	P K Jayasree	jayasreepk@yahoo.com
12.	326	Lateral earth pressure in ash	R Pathak	rpathak@thapar.edu
13.	361	Geotechnical and structural benefits of utilizing reinforced soil in earth dams	H. Jamasbi	hos_jamasbi@yahoo.com
14.	373	Slope stability analysis of conventional and proposed cover system for low level radioactive waste	A Rawat	abhishek_rawat786@yahoo.co.in

Theme T6: Recent developments in experimental geotechnics

Sr. No.	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	05	Stress strain behavior of fibre reinforced soil	K S Sumesh	sumesh.ks@gmail.com
2.	10B	Load deformation behavior of floating stone columns in soft clay	M C Bora	m.bora@iitg.ac.in
3.	24	An experimental study on geotextiles as performance enhancers for road pavement	C Sivapragasam	sivapragasam25@gmail.com
4.	34	CBR value estimation using dynamic cone penetrometer	K S Gill	kulbirgillkulbir@yahoo.co.in
5.	50	Laboratory evaluation of five Quartzites and four Sandstones	Hasan Abdullah	abdullahasan@rediffmail.com
6.	79	Behavior of laterally loaded piles	A.K.Verma	akvbvm@yahoo.co.in
7.	81	Fourier transform infrared spectroscopic investigation of mineral-fluid interactions in swelling clay and shales	K S Katti	Kalpana.Katti@ndsu.edu
8.	119	Shear strength determination of soft soils with very high natural water content	Bindu J.	binduj7@rediffmail.com
9.	120	Effect of type of test on the stress-strain and strength behaviour of Kaolin clay with different microfabric	Rakesh J Pillai	rakeshpilla@gmail.com
10.	128	Effect of concentration of dispersing agent on the grain size distribution of fine grained soil	Bindu J.	binduj7@rediffmail.
11.	129	Performance of miniature CBR apparatus	Stalin V.K.	staliniisc@yahoo.co.in
12.	130	Evaluation of index and engineering behavior of bagasse ash admixed clays	Prabhu R	staliniisc@yahoo.co.in
13.	154	Indirect tensile strength test of stabilized fly ash	K Bandyopadhyay	kb@const.jusl.ac.in.
14.	163	Stress-strain characteristics of reinforced soil	R M Varghese	renjitha.mv@gmail.com
15.	171	Stability anlaysis of screw nailed soil wall	K Premalatha	kvprema@annauniv.edu
16.	223	Pullout behaviour of plate anchors	B.R.Phanikumar	phanikumar_29@yahoo.com
17.	224	Swell-shrink behavior of GPA-reinforced expansive clay beds	B.R.Phanikumar	phanikumar_29@yahoo.com
18.	239	Influence of pile taper on the geotechnical resistance of driven piles	Ramesh Joshi	joshir@ucalgary.ca
19.	246	Piled raft behavior based on 1g model studies	V Balakumar	Vb_kumar2002@yahoo.com
20.	251	Methodology for evaluation of hydraulic behavior of clay based landfill covers in a geo-centrifuge	B V S Viswanadham	viswam@civil.iitb.ac.in
21.	252	Settlement analysis of axially loaded vertical piles in cohesive soil	H T Naqvi	haidertabassum@gmail.com
22.	255	Modified California Bearing Ratio tests on geosynthetic reinforced soil aggregate systems	Asha M Nair	ashamn@civil.iisc.ernet.in
23.	261	Influence of vertical geodrain with soil structure effects on consolidation characteristics of Kaolinitic clay	M V Shah	mvs2212@yahoo.co.in
24.	262	Evaluation of various electrode configurations in electro-osmosis	A A Sahib	azad52@yahoo.com
25.	264	A realistic approach to determine equivalent Young's modulus of layered soil	P Brahma	fargoconsultants@gmail.com
26.	271	Effect of additive on geotechnical properties	M R Patil	mrpatil@bvb.edu
27.	276	Effect of strong chemicals on the swell properties of an expansive clay	M.Srinivas	manchisri@yahoo.com
28.	277	Study of consolidation accelerated by sand drains	G.Radhakrishnan	radhakrishnan.gunupudi@gmail.com

29.	279	A theoretical study on one-dimensional consolidation of soft cohesive soil under cyclic loading	Monideepa Paul	rbsahu_1963@yahoo.co.in
30.	329	Effect of alternate wetting and drying on laterites and their engineering behavior	Hegde R A	rahegde2002@yahoo.com
31.	336	Swell-consolidation characteristics of artificial sand clay mixes	B.R.Phanikumar	phanikumar_29@yahoo.com
32.	358	Effect of sample preparation on strength of sands	Ashish Juneja	ajuneja@iitb.ac.in
33.	399	Prediction of shear strength parameter for prototype alluvial rockfill material based on index properties	N.P. Honkanadavar	nimbuhp@indiatimes.com
34.	380	Transitional states in slurry consolidation	C. Ghosh	cghosh24@gmail.com
35.	267	Shear properties of sand-fly ash-cement mixtures based on laboratory testing	Ajanta Kalita	ajanta@iitg.ernet.in

Theme T7: Geo-environmental engineering

Sr. No	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	06	Effect of crude oil on some properties of clayey soil of high compressibility	D K Talukdar	diliptalukdar@ymail.com
2.	09	Correlation between accelerated ageing and outdoor weathering for UV-degraded geotextiles and geomembranes	V G Bhartu	elegant2222@rediffmail.com
3.	35	Variations of engineering properties of soils affected by sea ingression	T. Datta	meettufan@yahoo.co.in
4.	47	Effect of industrial wastes on the engineering properties of marine clay	S Cyrus	sobharoy@cusat.ac.in
5.	64	Influence of physical properties on engineering properties of class F fly ashes	S K Pal	skrpal@yahoo.co.in
6.	67	Selection of prospective waste disposal sites for Gondia Municipal Council of Maharashtra, India	D Pandey	devpand_2000@yahoo.com
7.	68	New challenges and opportunities in geo-environmental engineering	S S Aldonkar	psavoikar@gmail.com
8.	84	Utilization of industrial steel slag in road sector	S S Bansode	samitinjay2007@gmail.com
9.	87	Permeability and consolidation characteristics of Na-Montmorillonite are strongly influenced by polarity of permeation fluids	D R Katti	Dinesh.Katti@ndsu.edu
10.	88	Soil-leachate interaction and their effects on chemical characteristics	B M Sunil	bmsunil@gmail.com
11.	102	Stabilisation of expansive soil using bagasse ash and lime sludge	A.K.Sabat	akshayasabat@yahoo.co.in
12.	103	Effect of polypropylene fiber on engineering properties of rice husk ash-lime stabilized expansive soil	A.K.Sabat	akshayasabat@yahoo.co.in
13.	107	Low cost fenton's oxidation of organic pollutants by using laterite soil as iron catalyst	A. Manu	bmanu@nitk.ac.in
14.	122	Effect of leachate on the engineering properties of different bentonites	Y Sheela E.	shellabala2000@yahoo.com
15.	123	Study on amended soil liner using lateritic soil	Dhanya sree	sree.dhanya@yahoo.co.in
16.	127	Compaction characteristics of alkalies treated expansive and non expansive soil contaminated with acids	H.N.Ramesh	rheddur@yahoo.com
17.	135	Assessment of soil contamination using GIS	V K Stalin	staliniisc@yahoo.co.in
18.	151	Stabilization of engine oil contaminated soil using cement kiln dust	L P Srivastava	balaramudu_p@yahoo.com
19.	161	Performance of geotextiles in dewatering high water content sludges	M N Shinde	nandy_shinde@yahoo.co.in
20.	183	Contaminant transport modeling through landfill liners	R P Kumar	praveen.rachakonda@unisa.edu.au
21.	197	Innovative ground improvement technique utilizing industrial steel slag for construction of roads	S S Koranne	shubhada_koranne@yahoo.co.in
22.	198	Effect of pond ash content on engineering properties of fine grained soil	A K Bera	ashis@civil.becs.ac.in
23.	200	Low cost adsorbents for heavy metal removal	A A Baig	reach2arif@gmail.com
24.	204	Mineralogical and morphological changes associated with alkali treatment of soils	P H P Reddy	ponnapuhari@yahoo.com
25.	221	Sedimentation and consolidation of red mud	S K Das	saratdas@rediffmail.com
26.	227	Characterization of sorption and leaching behavior of heavy metals through clay at different pH level	S K Singh	sksingh99_99@yahoo.com
27.	238	Genesis of coal and chemical composition of fly ash and its significance for design	U K Guru	vital.crri@gmail.com

		and construction of road and road embankments - A critical review		
28.	254	Principal component analysis - an effective image classification technique to assess water pollution using multispectral remote sensing data	S D Ranade	sdranade@rediffmail.com
29.				
30.	285	Evaluation of hydraulic conductivity criterion for fly ash-bentonite mix as liner material	M Younus	Mohamed@iitg.ernet.in
31.	300	Effect of strength of wastewaters and soil type on performance of soil aquifer treatment (SAT) system	Nagarajappa D.P.	dpnagarajappa@gmail.com
32.	308	Strength characteristics of flyash mixed with lime stabilized soil	J P Sahoo	jpscivil@gmail.com
33.	317	Contaminant transport from a municipal solid waste landfill-A case study	Beena K S	beenavg@cusat.ac.in
34.	319	Leaching studies on lime-stabilized fly ash mixes	A Sreerama Rao	srajjarapu@yahoo.com
35.	320	Geotechnical characteristics of Hubli-Dharwad black cotton soils mixed with flyash - An experimental evaluation	U D Hakari	uday.hakari@gmail.com
36.	331	Effect of NFA on the permeability characteristics of BC soil permeated with heavy metals	H.N.Ramesh	rheddur@gmail.com
37.	349	Pilot studies for feasibility of open dump waste site to improve the bearing capacity for low rise housing	N G Dalal	nbn81@yahoo.co.in
38.	370	Geotechnical characterization of wastes at zinc manufacturing plants	C N V Reddy	cnvsnreddy@rediffmail.com
39.	393	A Scanning Electron Microscopy Study on Flue Gas Conditioned Fly Ashes Collected from Thermal Power Stations	S. Shanthakumar	shanthakumar.s@vit.ac.in

Theme T8: Innovative techniques in ground improvement

Sr. No.	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	02	Effect of lime treated coir fiber and bitumen coated coir fiber on the compaction and strength behaviour of black cotton soil	H.N.Ramesh	rheddur@gmail.com
2.	04	Strength characteristics of low lime stabilized fly ash	K Dharavath	kishand@manit.ac.in
3.	07	Reduction in swelling pressure of expansive soil using EPS geofoam	A P Shelke	abhayshelke@iitb.ac.in
4.	08	Improvement of clayey subgrade using waste sand from English Indian Clay Limited	Shemy S Babu	rohitpb123@gmail.com
5.	11	Performance of drainage wells in electro-osmotic consolidation experiments on peat	Shenbaga R. Kaniraj	kaniraj@curtin,edu.my
6.	13	Geocell mattress-stone column reinforced clay foundations	M C Bora	sujit@iitg.ernet.in
7.	46	The effect of lime stabilization on properties of black cotton soil	K Nadgouda	knadgouda@gmail.com
8.	53	Prediction of heave in reinforced expansive clay with granular pile anchors	V Padmavathi	vpadma70@gmail.com
9.	58	Improvement of black cotton soil using prefabricated vertical drain	P B Daigavane	daigavane.prashant@gcoea.ac.in
10.	69	Bearing capacity of reinforced foundation beds on soft non-homogeneous ground	K Rajyalakshmi	dhanista123@yahoo.com
11.	71	Soil improvement using Coirmat a natural geotextile for road construction in Assam	U K Baruah	u_baruah@yahoo.co.in
12.	80	Shear behaviour of Lignosulfonate treated soft soil	J S Vinod	vinod@uow.edu.au
13.	82	Optimal estimation of design parameters for stone column improved soft soil system	K. Deb	kousik_deb@rediffmail.com
14.	83	Influence of lime on plasticity behavior of soils	Md. M Hussain	monowar@iitg.ernet.in
15.	98	Strength and compressibility characteristics of soft clay after vacuum consolidation	G Sridhar	sridharg262@gmail.com
16.	99	Creep settlement rates of granular pile reinforced ground	Madhira R Madhav	madhavmr@gmail.com
17.	100	Environmental friendly foundation system to mitigate liquefaction using ground improvement	G R Chawla	gr.chawla@ndpl.com
18.	101	Improvement of subgrade soil with shredded waste tyre chips	R. Ayothiraman	araman@civil.iitd.ac.in
19.	115	Stabilisation of class ‘F’ Fly Ash using class ‘C’ fly ash	M Soundara Pandian	msp@iitm.ac.in
20.	116	Compressibility and permeability behavior of plastic waste mixed soil	G. L. Sivakumar Babu	glsivakumar@gmail.com
21.	117	Bearing capacity improvement of sandy soil using waste tyre chips and plastic strips	R K Mittal	ravi.mittal@rediffmail.com
22.	125	Pull out behavior of different reinforcing strips embedded in cement modified marginal soil embankment	V Ramana Murty	vrm_nitw@yahoo.com
23.	134	Effect of nano particles on clay behavior	A K Dey	akdey@nits.ac.in
24.	153	Swelling and strength characteristics of two expansive soils treated with stone dust and fly ash	T L Ramadas	ndkjntu@gmail.com
25.	156	A study on chemical stabilized lateritic soil for subbase formation	G Vinayagamourthy	gvmourty@yahoo.co.in
26.	159	Stress-strain behavior of fly ash compacted at different moisture contents	B Varaprasada Rao	varujntu@yahoo.com
27.	166	Swell - shrink behavior of expansive soils under stabilized fly ash cushions during cyclic wetting and drying	M Rama Rao	rao_muvvala@yahoo.co.in

28.	167	Behaviour of model footings on reinforced soil system	G.Radhakrishnan	radhakrishnan.gunupudi@gmail.com
29.	172	Chemically activated microfine slag cement grouts	G.P. Patel	jagrutisinroja@gmail.com
30.	173	Development of colloidal silica based grout using different reactants	Komal Dave	grish4u@gmail.com
31.	177	Effect of fiber reinforcement on swelling behavior	B.R.Phanikumar	phanikumar_29@yahoo.com
32.	178	Soil stabilization and effective use of waste plastic in flexible pavements	M S Ranadive	msrtunnel@yahoo.co.in
33.	181	Fibre reinforcement of soil subgrade beneath flexible pavements	S Rao	bondalasrao@yahoo.com
34.	188	Load settlement behavior of stone columns reinforced with nails	M.R.Dheerendra Babu	dheerendra_dheeraj@yahoo.com
35.	192	Soft soil reinforced with granular pile-mat system: Analysis and model tests	Y. R. Reddy	reddy.gt@gmail.com
36.	193	Study of effect on strength characteristics of black cotton soil by addition of lime, Fly Ash and sand	K S Borde	krishna_borde@rediffmail.com
37.	203	Shear strength characteristics of fiber reinforced Fly Ash	A K Choudhary	drakchoudharycivil@gmail.com
38.	210	Use of discrete fiber reinforced flyash cushion in minimizing heave of expansive clay beds	R Dayakar Babu	rdbabu29@rediffmail.com
39.	225	Limits of applicability of stone-column in ground improvement	A. Saha	ovijeet@rediffmail.com
40.	240	The role of lime content on acceleration of soil-lime reaction under thermal controlled curing	Nazrizar, A.	aans50@yahoo.com
41.	259	Development of foundation system for rural buildings on black-cotton soils using horizontal geofoam layers	P Daigavane	daigavane.prashant@gcoea.ac.in
42.	266	Shear strength behavior of cemented stabilized marine clay cured under stress	Bushra, I	bushra@smail.iitm.ac.in
43.	269	Some geotechnical properties of two organoclays	Suat Akbulut	sakbulut@atauni.edu.tr
44.	272	Alternative technique to induce faster lime stabilization reaction in deeper expansive clay strata	S Bhuvaneshwari	eshwari_28@yahoo.co.in
45.	286	Application of geonatural spoils in subbase for road construction	J. Maity	joymaity1975@yahoo.co.in
46.	287	Laboratory study on stabilized flyash subbases	M Anjan Kumar	anjan_mantri@yahoo.com
47.	295	Ground improvement by compaction, consolidation and by some innovative techniques	A K Rai	sunil_mit1@yahoo.in
48.	322	Some new methods of ground improvement	V K Shrivastava	rkyadav07@gmail.com
49.	337	Vertical heave resistant geocell - a new approach for controlling heave	B.R.Phanikumar	phanikumar_29@yahoo.com
50.	339	Behaviour of reinforced stone columns in soft soils:An experimental study	Kausar Ali	kausarali786@rediffmail.com
51.	341	Ground Improvement using displacement type sand piles	M Samanta	manojitbee@gmail.com
52.	344	Treatment by alkali activation of marine fine sediments of weak moisture content	Abdelkrim Bennabi	abennabi@adm.estp.fr
53.	345	Stabilisation of typical mine waste of Goa	Gautami G.	gaugaonkar@gmail.com
54.	350	Feasibility of utilization of industrial by products for ground improvements	Y K Tandel	tandel.yogendra@gmail.com
55.	351	Stablisation of Iranian central desert sand using cement and microsilice	Hasan T.	taherkhani.hasan@gmail.com
56.	352	Laboratory investigation on reinforced subgrade soils	Nagrale P	aditya_prashant2004@yahoo.co.in
57.	362	A new approach for compaction characteristics of fly ash stabilized soils basing on	M Rao	kmr_svuce@yahoo.com

		maximum volumes of solids		
58.	367	Stability of slope of basal reinforcement embankment on soft foundation soil under seismic loading considering oblique pull	V K Chakravarthi	Chakravarthi.vk@gmrit.org
59.	382	Effect of smear on consolidation of sand columns in soft clay subsoils	Juneja, A.	ajuneja@civil.iitb.ac.in
60.	383	Strength behavior of composite ground reinforced with sand compaction piles	B.A.Mir	P7mir@civil.iitb.ac.in

Theme T9: Geohazards-landslides, subsidence, tsunamis and shore erosion

Sr. No.	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	33	Landslide hazard zonation incorporating geotechnical characteristics: A case study of Waynad district in Kerala.	G. Antherjanam	gantherjanam@gmail.com
2.	37	Stability analysis of flow type landslide with a new approach in lower Himalayan belt located at Arunachal Pradesh	G K Bayan	gokul_kb_ctk@yahoo.com
3.	137	Seismic analysis of concrete face rockfill dams	B Moussai	bmoussai@yahoo.ca
4.	169	Micro level landslide hazard zonation in Sirumalai area of Dindigul district, Tamil Nadu-use of GI technology approach	Sri lekha S,	selvis1664@gmail.com
5.	170	Seismic microzonation of Thiruvananthapuram	Jaya V	jayasraj@gmail.com
6.	217	Static analysis of Mansa Devi hill landslide using FLAC 3D	Saiful Islam	saiful.islam.iitr@gmail.com
7.	284	Multivariate model for landslide hazard zonation	M H Nafuti	m_hasanzadeh_nafuti@yahoo.com
8.	299	Detailed stability analysis of slopes by finite element method	Sukumar Saha	sukumar.crri@nic.in
9.	301	Shear strength of unsaturated residual soils of hills in Guwahati	U K Das	ukrdas@gmail.com
10.	398	Effect of seabed slope on offshore pile lateral behavior under wave force	D.Sathyanarayanan	kmk@nitt.edu
11.	400	Assessment of Damages Induced by Recent Landslides in Ooty, Tamilnadu	S. S.Chandrasekaran	chandrasekaran.ss@vit.ac.in

Theme T10: Case studies in geotechnical engineering

Sr. No.	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	25	Use of geosynthetic material, to enhance and sustain subgrade characteristics	M S Dixit	manishdixit@gmail.com
2.	28	Effect of lateral movement of soil in diaphragm wall - A case study	Sivapriya S. V.	sivapriyavijay@gmail.com
3.	32	Earth retention and protection measures adopted in two diversified case studies with innovative approach	Annapoorni Iyer	iyerwdc@maccaferri-india.com
4.	43	Foundation for fixed offshore jacket platform for soils of KG basin and Bombay High: A parametric study	N Darga Kumar	ndkjntu@gmail.com
5.	44	Rock slope stability analysis along NH-22 in Luhri area, Himachal Pradesh- a case study	K Sarkar	kripamoy@rediffmail.com
6.	49	Ground improvement techniques for mitigation of liquefaction hazard	Sushma B V	bvsushma@tce.co.in
7.	56	Embankment construction over reclaimed land using pre-fabricated vertical drains	R.Radhakrishnan	bharatgeo2003@yahoo.com
8.	66	Geotextiles bags as anti-buoyancy units for the under-ground pipelines	K N Kumar	nkumar@garwareropes.com
9.	78	Stabilization of slope for hill road at Choral Ghat	V Karpe	siqueira.nancy@gmail.com
10.	86	Correction of a hill slide	D J Ketkar	Abhay.Ketkar@sc.com
11.	93	Piled rafts in New York city - design overview and case histories	M C Khoury	mkhoury@langan.com
12.	96	Foundation design and construction of the 287-foot-tall “Pepsi Globe”-North America’s tallest Ferris Wheel	H Tripathi	htripathi@langan.com
13.	131	Behaviour of flyash reinforced subbases on expansive soil subgrades under cyclic loading	D S V Prasad	dsvp9@yahoo.com
14.	148	Embankment slope stabilization with jute geotextiles - a case study in NH2 Allahabad by-Pass	P K Choudhury	jutegeotech@gmail.com
15.	152	Geotechnical investigations in adverse geological occurrence in HRT of Tala H.E. at Kalikhola, Bhutan	Dixit M	mdixit@nic.in
16.	195	Dynamic analysis of Matatila earthen dam, UP	M V Chhatre	Chhatre_mv@cwprs.gov.in
17.	207-a	Ground improvement using stone columns and PVD	Eldho C.A.	piya_kl@yahoo.co.in
18.	220	Construction of cellular sheet pile walls as berthing structure for new deep draft jetty for ESSAR at Hazira	J C Shukla	jshukla@essar.com
19.	228	SPT based liquefaction studies for the Goindwal thermal power project site : A case study	K.S.Rao	raoks@civil.iitd.ac.in
20.	248	Design and construction of cross passage of urban metro - A case study from contract BC-16 of Delhi Metro	Yuan-Yao Tsai	benson@cc.kuas.edu.tw
21.	280	A theoretical study on ground settlement prediction for braced excavation in undrained clay	Kingshuk Dan	rbsahu_1963@yahoo.co.in
22.	291	Continuous seismic refraction study for delineation of uneven bedrock topography – A case study	C K Rani	rani-ck@cwprs.gov.in
23.	297	Evaluation of optimum spacing of stone columns	Lakshman R M	mantri.lakshman@gmail.com

24.	298	Geotechnical problems of jack up rig deployment in offshore West Bengal and Mahanadi area of Indian offshore - Case studies	Prakasha K S	ksprakasha@gmail.com
25.	303	Performance of pre-fabricated vertical drains and pre-loading for a major ground improvement project	R.Radhakrishnan	bharatgeo2003@yahoo.com
26.	305	Large size triaxial shear tests on rockfill material for Salma dam project, Afghanistan - A case study	S V Rao	camrad@sify.com
27.	312	Computation of settlements of buildings on soft soils with account of shear strains development in time	V. Ulitsky	lisyuk@gmail.com
28.	324	3D stability analysis of Chenab bridge abutments	A. Varughese	alexvarughese@gmail.com
29.	340	One dimensional column studies on the physico-chemical behavior of a natural soil due to artificial contamination of industrial effluents: A case study	Murugaiyan V	vpmplee@Gmail.com
30.	363	Cyclic pile load test on large diameter piles – A case study	A A Kamat	rkulkarni@noblegeostructs.com
31.	368	Dynamic compaction to mitigate liquefaction potential	S Gupta	cengrs@gmail.com
32.	385	Comparison of subsurface investigations for a nuclear power plant on alluvial and rocky sites, a case study	Rajiv Ranjan	gprabhakar@npcil.co.in
33.	386	Three stage subsurface investigations for the proposed nuclear power plant, KAPP-3&4	Ravi Poolla	gprabhakar@npcil.co.in
34.	387	Challenges in designing and unique revival of an ancient tray well at Indore	A.Kameshwar Rao	akrao266@gmail.com
35.	388	Innovative support system for tunneling below Arabian sea – a case study	Tarun Datta	info@noblegeostructs.com
36.	389	Novel method for side wall protection for deep excavation adjacent to sea	U.V. Kulkarni	info@noblegeostructs.com
37.	390	Side wall overbreak – a case study	U. V. Kulkarni	info@noblegeostructs.com
38.	391	Case studies of failure of basements during monsoon	D.V.Karandikar	dilipvk2002@yahoo.com
39.	124	Static and dynamic stability of jointed rock mass slope evaluated by UDEC	G W Rathod	ganesh.rathod@yahoo.co.in

Theme T11 : Numerical and Physical modeling

Sr. No.	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	10	Evaluation of critical state parameters of stone column	M C Bora	vora.m@mailcity.com
2.	12	Interference effect of two nearby square and rectangular footings	P Ghosh	priyog@iitk.ac.in
3.	26	Model footing test on fiber reinforced soil	K Maheshwari/A K Desai	ges_adi@yahoo.com dip1985@yahoo.com
4.	29	Experimental study of effect of shape and size of footing on load settlement behavior of sand foundation	T K Nagaraj	tk_nagaraj@yahoo.co.in
5.	42	Finite element analysis of pile-soil-pile cap interaction under lateral load	P J Hazarika	nathutpal@rediffmail.com
6.	45	Finite difference method for computation of sodium and chloride migration through layered soil media	R Chakraborty	ritwik.c@rediffmail.com
7.	51	Micromechanical interpretation for the behavior of granular media under cyclic loading using discrete element method	Anitha K	anitha@civil.iisc.ernet.in
8.	52	A study on correlation of some basic engineering properties of soils with easily determined soil parameters	B Das	bhaskarjyoti40@gmail.com
9.	65	Uplift capacity of horizontal plate anchors with embedded reinforcement	S Khatun	sophia_civil@rediffmail.com
10.	70	Response of strip footings supported on granular trench	Unnikrishnan N	unnikrishnan_n@yahoo.com
11.	72	Performance of footing on sand bed with and without reinforcement	T P Wajeeh M.	wajeeh_mohd@yahoo.co.in
12.	75	Parameter estimation of soil slopes using artificial neural networks	Sarat K Das.	saratdas@rediffmail.com
13.	90	An assessment of the p-y method of analysis of laterally loaded piles	W Higgins	dbasu@engr.uconn.edu
14.	91	Moment rotation relationships of foundations using hyperbolic model	Padmavathi M	mpadmace@gmail.com
15.	106	Analysis of reinforced soil under strip footing using finite element method	G.Radhakrishnan	radhakrishnan.gunupudi@gmail.com
16.	109	Strain contours for footings on finite layer	Lakshman Rao	mantri.lakshman@gmail.com
17.	110	Numerical simulation of hypoplastic constitutive model for sand	Adarsh S. C.	adarshchatra@gmail.com
18.	111	Granular anchor pile system for resisting uplift forces	V A Sawant	sawntfce@iitr.ernet.in
19.	121	Analysis of stability of tall structures founded on soft ground	Padmavathi V	vpadma70@gmail.com
20.	133	Uplift load carrying capacity of piles in sand	A.K.Verma	akvbvm@yahoo.co.in
21.	138	Nonlinear 3D finite element analysis of pile group subjected to lateral load	K B Ladhane	kbladhane@yahoo.co.in
22.	147	Load sharing behavior in granular intrusions by varying thickness of sand pad	Samidurai	avsamidurai@gmail.com
23.	150	Interactive analysis of plane frames on non homogenous soil using easy FEM	S Vernekar	smitha_vernekar123@gmail.com
24.	155	Soil water characteristic curves for lime stabilized expansive clays	T Malathi	malathigeo@gmail.com
25.	162	Uplift response of pile anchor (embedded pile) in sand	J Jayapal	jayapal_civil@yahoo.co.in
26.	182	Numerical Modelling of rigid faced reinforced soil walls under seismic shaking	A Bhattacharjee	bhatta_arup@yahoo.com
27.	205	Estimation of liquid and plastic limit using artificial neural network models	Yeetendra Kumar	yeetendra@rediffmail.com
28.	206	Numerical parametric studies on EPS geofoam	T N Dave	trudeep@iitb.ac.in

29.	207-b	Theoretical evaluation of stone columns used in ICTT-NH connectivity, Kerala	Eldho. C.A.	piya_kl@yahoo.co.in
30.	209	Edge stresses and deflections in unbonded conventional whitetopping overlay resting on Winkler foundation	D R Jundhare	dr.jundhare@yahoo.co.in
31.	211	An experimental investigation on behavior of piled raft foundation in soft clay	Bajad S P	sp_bajad@yahoo.co.in
32.	216	Parameters and guidelines for the design of underground pipes to resist effects of blast	A J Olarewaju	akinolajolarewaju@yahoo.com
33.	218	Numerical modelling of Stone columns under dynamic loading	Y A Kolekar	yakolekar@iitb.ac.in
34.	226	Development of empirical equation for compressibility of marine clays	Balla S	balla_1670@rediffmail.com
35.	229	Numerical simulation of direct shear test for rock	A K Shrivastava	aksrivastava@dce.ac.in
36.	230	Estimation of contact area undergoing shearing for the rock mass	K.S.Rao	raoks@civil.iitd.ernet.in
37.	231	Engineering behavior of jointed filled rock mass under polyaxial stress state	K.S.Rao	raoks@civil.iitd.ernet.in
38.	234	Use of infinite elements in the dynamic analysis of rigid pavement resting on two parameter soil medium	V A Patil	vikrampatil70@gmail.com
39.	235	Settlement prediction of geocell-reinforced clay foundations	Sireesh Saride	Sireesh@iith.ac.in
40.	237	Physical modeling of piled raft in sandy soils	A K Srivastava	aksrivastava@dce.ac.in
41.	241	Study of well foundation under different grip length and loading conditions	Ritu Tomar	reettomar@gmail.com
42.	242	Deformability and settlement of jointed rock mass	Rajbal Singh	rajbal_s@yahoo.co.in
43.	245	3D Finite element analysis of railway tracks	L S Sowmiya	sowmiya_lazarus@yahoo.co.in
44.	247	Effect of compressive load on uplift capacity of pile groups embedded in sand	K Shanker	kandikurishanker@yahoo.com
45.	249	Comparison of cone and T-bar factors in soft clay	D S Liyanapathirana	S.Liyanapathirana@uws.edu.au
46.	250	Statistical models for prediction of swelling pressure of stabilized expansive soil	A K Sabat	akshayasabat@yahoo.co.in
47.	268	Effect of piles on response of raft foundations	Sandeep Rai	sandeep.r@iitg.ernet.in
48.	274	Non-linear theory of consolidation for vertical flow in thick clay layer	P. Ayub Khan	akp1468@gmail.com
49.	289	Analytical study on performance of granular bed overlying soft ground supporting storage tanks with rigid raft foundations	R Shivashankar	shivashankar.surathkal@gmail.com
50.	292	Influence of particle size and its distribution on the hardening soil (HS) and small-strain-stifness (HS small) model	K Premalatha	kvprema@annauniv.edu
51.	296	Numerical investigation of the lateral response of pile groups under combined loading	S. Karthigeyan	mahamaha2001@yahoo.com
52.	302	Model study of vertical rigid piles subjected to central inclined loads	N H Joshi	nhjmsu@yahoo.co.in
53.	304	Empirical correlations of Surat region expansive soils parameters based on swelling characteristics	K S Berawala	khushboo_berawala@yahoo.co.in
54.	309	Mesh-free modeling of non-homogeneity in the rock mass structure	S M Binesh	smbinesh@yahoo.com
55.	316	Optimal design of composite channels considering slope stability criterion	Adarsh S	adarsh_1ce@yahoo.co.in
56.	330	Response analysis of laterally loaded piles using nonlinear p-y curves	Harikumar A.	hari_arv@yahoo.com
57.	333	Experimental and analytical study on bearing capacity of footings on clayey soils	R Shivashankar	shivashakar.surathkal@gmail.com
58.	334	Mechanism of encased stone columns	S N Malarvizhi	snmalar@isac.gov.in
59.	342	3D-Simulation of underground excavation process	Moataz A A	nksamfce@iitr.ernet.in
60.	343	Modeling for identification of expansive soils using GP	Ramu K	ramu_k@1ycos.com
61.	346	Compressive loading effects on uplift response of pile groups in sand: Analysis & Experimental Investigations	A.C.Joshi	dejoshzones@gmail.com

62.	348	Dynamic soil-pile interactions and pile cap-soil-pile interactions in triangular pile groups	P K Emani	pk.emani@gmail.com
63.	353	Effect of non-homogeneity of ground on ultimate pullout capacity of granular pile anchors	B Vidyaranya	vidyaranya_b@yahoo.co.in
64.	365	Modelling of pollutant movement through saturated sand: Centrifuge study	P Raja Sekhar	eldho@civil.iitb.ac.in
65.	366	Physical modeling of scouring effects on raft foundations for bridges	Eldho.T.I	eldho@civil.iitb.ac.in
66.	371	Constitutive modeling of anisotropic behavior of natural clays	Martin D L	vinod@uow.edu.au
67.	384	Analysis of footing on geosynthetic reinforced granular fill stone column improved earth beds	P. Maheshwari	priti_mahesh2001@yahoo.com
68.	392	Endochronic modeling of static triaxial response of sand	Krishna Kumar S	boomi@iitm.ac.in

Theme T12: Field testing, instrumentation and monitoring

Sr No	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	19	Pile integrity testing using cross hole sonic logging	R Vaidya	ravikiran.vaidya@gmail.com
2.	20	Pile foundation as settlement reducer for large MS storage tanks	Anirudhan I.V.	anirudhen@eth.net
3.	21	Instrumented cyclic and lateral pile load test for the proposed air traffic control tower at Mumbai international airport, Mumbai	S M Ghan	sandeepghan@Intecc.com
4.	23	High strain dynamic pile testing and static load test - A correlation study	S Y Mhaiskar	sharad_55@yahoo.co.uk
5.	31	Bearing capacity ratio of soil by dynamic cone and direct shear test	T K Nagaraj	tk_nagaraj@yahoo.co.in
6.	36	Need for use of advanced field instrumentation methods	V K Shrivastava	rkyadav07@gmail.com
7.	136	Effect of saturation on the stiffness of finite sand stratum under vertical vibrations	H.N.Ramesh	rheddur@gmail.com
8.	142	Comparative study between laboratory and field CBR by DCP and IS method	K. Bandyopadhyay	kb@const.jusl.ac.in
9.	164	Field and laboratory investigations of subgrade layer of low volume roads	A Gupta	anki_ce11@yahoo.co.in
10.	202	Analysis of field control test data for reliability at SEZ project, Surat, Gujarat	N H Desai	nehal378@hotmail.com
11.	222	Interpretation of test results - Geosynthetics perspective	K Singh	btra@vsnl.com
12.	260	Geotechnical instrumentation in earth and rockfill dams	V K Mauriya	vkmfes@gmail.com
13.	281	Performance evaluation of an underground penstock bifurcation – A case study	Hanumanthappa M S	msh_cwprs@yahoo.com
14.	282	Designing and construction of piles under various field conditions	Naveen B P	bp.naveen18@hotmail.com
15.	290	Assessment of shear strength parameters for dam foundation rock interface-A case study	A K Ghosh	wapis@mah.nic.in
16.	321	Dynamic analysis of pile driving by GRLWEAP	Ali Noorzad	noorzad@pwut.ac.ir
17.	338	Pile termination criteria for rock socketed piles in Mumbai - A new approach	M G Khare	makarandkhare@yahoo.com

Theme T13: Risk assessment and reliability in geotechnical engineering

Sr. No.	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	77	Reliability based design of slopes under seismic load : Load Resistance Factor Design (LRFD) approach	S Haldar	sumanta@iitbbs.ac.in
2.	97	Risk management to reduce substructure leakage	S. Kumar	satish.dae@gmail.com
3.	139	Inverse analysis of allowable bearing pressure of shallow foundations on sand	G L Sivakumar Babu	gls@civil.iisc.ernet.in
4.	168	Reliability based evaluation of seismic response of tunnels considering random uncertainties	Mallika S	mallika@iitb.ac.in
5.	176	Adaptive neuro fuzzy approach for CBR prediction of soil subgrade	S Sharma	sanjaysharmachd@yahoo.com
6.	179	Arching effects in backfill soils for the reliability based design optimization of retaining structures	B M Basha	mbasha@gmail.com
7.	180	Reliability based optimum design of sheet pile wall using a simple optimization tool	S K Das	saratdas@rediffmail.com
8.	244	Reliability evaluation of earth slopes based on first order reliability method	G. Bhattacharya	bhattacharyag@gmail.com
9.	372	Reliability analysis on the stability of slope	Hegde R. A.	rahegde2002@yahoo.co.in

Theme T14: Remote sensing, GIS and GPS Applications

Sr No	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	22	Assessment of village wise groundwater potential in Acharapakkam block in Tamil Nadu using remote sensing and GIS	A K Munnangi	munnangiaswin@gmail.com
2.	39	Remote sensing and GIS applications in soil and land use studies for sustainable natural resources management in two different semi-arid climatic regions of northeastern Brazil	H S. Teotia	teotia@terra.com.br
3.	59	Capacity loss estimation in a reservoir using satellite remote sensing data – A case study	U C Roman	ucroman2003@yahoo.co.in
4.	175	Application of remote sensing and geographical information system for land use/land cover mapping and change detection in Madurai district, Tamil Nadu	C.Sivakami	sivakamimaya@yahoo.co.i n
5.	194	Geomorphometric analysis for sustainable water resource planning and management of Pawas watershed, Dist. Ratnagiri (Maharashtra) using remote sensing and GIS	A J Shirke	shirkeaj@gmail.com
6.	311	Assessment of groundwater recharge potential zone - A GIS based approach	S Singh	saumyasingh17@yahoo.co.in
7.	364	Sedimentation analysis of Gangapur reservoir	M B Nakil	mahendran@iitb.ac.in
8.	374	Influence of gas extraction on ground subsidence - A GPS application	Patel P R	p5parul@gmail.com
9.	395	Identification of Fresh Groundwater Areas Using Remote Sensing and GIS	Kunal K. Singh	kunal_singh@iitb.ac.in

Theme T15 : Geotechnical Education & Professional Practice

Sr. No.	Abstract No.	Title of the Abstract	First Author	e-mail address of authors
1.	14	Use of CAL/CAD as teaching aids for geotechnical education	A.S. Nene	nene@ashok@yahoo.com
2.	38	Development of spreadsheet for correlation of soil properties	S J Shah	syedjshah@gmail.com
3.	215	On the nature of secondary compression in soils	S K Jain	sk.jain@juit.ac.in
4.	263	Geotechnical education and professional practices	S Dubey	satujjain@gmail.com
5.	275	Are finishing schools necessary for the geotechnical engineering profession?	M.Srinivas	manchisri@yahoo.com