

SR NO	ABSTRACT _TRACK ID	THEME	THEME TITLE	ABSTRACT TITLE	AUTHORS NAME	AUTHOR 2	AUTHOR 3	AUTHOR 4	AUTHOR 5	AUTHOR 6	AUTHOR 7	COUNTRY
1	ISGTI_2017_O5992	THEME 1	CHALLENGES IN DESIGN AND CONSTRUCTION OF PAVEMENTS AND EMBANKMENTS	CHALLENGES IN RENOVATION OF EXISTING RUNWAY AND ITS EXTENSION	SATYAJIT ROY	RAJESH						INDIA
2	ISGTI_2017_O8319	THEME 1	CHALLENGES IN DESIGN AND CONSTRUCTION OF PAVEMENTS AND EMBANKMENTS	CHALLENGES IN COMPLYING WITH ENVIRONMENT PROTECTION STATUTORY DESIGN REQUIREMENTS FOR EMBANKMENTS	VIMAL KUMAR							INDIA
3	ISGTI_2017_A8470	THEME 1	CHALLENGES IN DESIGN AND CONSTRUCTION OF PAVEMENTS AND EMBANKMENTS	CHALLENGES OF UNBONDED CONCRETE OVERLAY DESIGN USING PAVEMENT MECHANISTIC-EMPIRICAL DESIGN	RAFIQUL A. TAREFDER	GAUHAR SABIH						UNITED STATES
4	ISGTI_2017_F3011	THEME 1	CHALLENGES IN DESIGN AND CONSTRUCTION OF PAVEMENTS AND EMBANKMENTS	A COMPARATIVE STUDY ON VARIOUS FLEXIBLE PAVEMENT DESIGN SOFTWARE	VISHVA SATASHIYA	JAYESH JUREMALANI	NAZIM ALI CHINWALA	KHUSHBU BHATT				INDIA
5	ISGTI_2017_N6982	THEME 1	CHALLENGES IN DESIGN AND CONSTRUCTION OF PAVEMENTS AND EMBANKMENTS	EVALUATION OF STRESSES IN FLEXIBLE PAVEMENTS USING NON-LINEAR REGRESSION ANALYSIS	PRANAV RT PEDDINTI	MUNWAR BASHA B	SIREESH SARIDE					INDIA
6	ISGTI_2017_L9333	THEME 1	CHALLENGES IN DESIGN AND CONSTRUCTION OF PAVEMENTS AND EMBANKMENTS	BEHAVIOUR OF SOIL-FLYASH LAYERED MATRIX UNDER CYCLIC LOADING	M. JUNAID KHAN	MEHBOOB ANWER KHAN	KAUSAR ALI					INDIA
7	ISGTI_2017_L2239	THEME 1	CHALLENGES IN DESIGN AND CONSTRUCTION OF PAVEMENTS AND EMBANKMENTS	A CRITICAL REVIEW ON EVALUATION OF PAVEMENT DRAINAGE SYSTEM.	MUSTAFA A. GHASIA	YOGESH U. SHAH	VEERABHADRA ROTTE					INDIA

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8	ISGTI_2017_S3299	THEME 1	CHALLENGES IN DESIGN AND CONSTRUCTION OF PAVEMENTS AND EMBANKMENTS	EVALUATION OF FLEXIBLE ROAD PAVEMENT CONSTRUCTED WITH CONSTRUCTION & DEMOLITION WASTE AND POND ASH	ROHAN R. DESHMUKH	DR.SATY AJEET PATEL						INDIA
9	ISGTI_2017_Y8744	THEME 1	CHALLENGES IN DESIGN AND CONSTRUCTION OF PAVEMENTS AND EMBANKMENTS	COMPARISON OF STRENGTH OF RECYCLED BITUMINOUS PAVEMENT IN DESIGN AND AFTER EXECUTION	ATASI DAS	YASH PANDEY						INDIA
10	ISGTI_2017_J7634	THEME 1	CHALLENGES IN DESIGN AND CONSTRUCTION OF PAVEMENTS AND EMBANKMENTS	ANALYTICAL PAVEMENT DESIGN FOR SUPER SINGLE TIRES IN PLACE OF DUAL TIRES WITH A CASE STUDY	SWAPAN BAGUI	ATASI DAS	K VERMA					INDIA
11	ISGTI_2017_P3630	THEME 1	CHALLENGES IN DESIGN AND CONSTRUCTION OF PAVEMENTS AND EMBANKMENTS	SOIL TREATMENT WITH LIME FOR FINE CLAYEY SOILS- SOLUTION FOR SUB GRADE/BASE BASE & CAPPING LAYERS	DENAYER CHRISTOPHE	TEBALDI GABRIELE	AMIT KUMAR					UNITED ARAB EMIRATES (DUBAI)
12	ISGTI_2017_N8669	THEME 1	CHALLENGES IN DESIGN AND CONSTRUCTION OF PAVEMENTS AND EMBANKMENTS	DESIGN MODEL FOR STRENGTH AND LOCATION OF GEOGRIDS FOR ROAD STABILIZATION	PIETRO RIMOLDI	MINIMOL KORULLA						ITALY
13	ISGTI_2017_F2763	THEME 1	CHALLENGES IN DESIGN AND CONSTRUCTION OF PAVEMENTS AND EMBANKMENTS	EFFECT OF ROAD MESH REINFORCEMENT IN GRANULAR BASES UNDER REPEATED LOADING	GL SIVAKUMAR BABU	RATNAKAR MAHAJAN	LEKSHMI SUKU					INDIA

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14	ISGTI_2017_S9365	THEME 2	DESIGN AND CONSTRUCTION OF HIGH SPEED RAILWAY AND METRO TRACK SUB-STRUCTURES	ANALYSIS OF CHAWRI BAZAR SECTION OF DELHI METRO TUNNEL	SANDEEP BHARDWAJ	K. G. SHARMA						INDIA
15	ISGTI_2017_K4437	THEME 2	DESIGN AND CONSTRUCTION OF HIGH SPEED RAILWAY AND METRO TRACK SUB-STRUCTURES	APPRAISAL OF FOUNDATION CODE IRC:78-2014 FOR HIGHWAY TRANSPORTATION	ALOK BHOWMIK							INDIA
16	ISGTI_2017_R8919	THEME 2	DESIGN AND CONSTRUCTION OF HIGH SPEED RAILWAY AND METRO TRACK SUB-STRUCTURES	DYNAMIC ANALYSIS ON MULTILAYER OF COHESIONLESS SOIL SUBGRADE OF RAILWAY TRACK WITH PLAXIS AND MATLAB	R. K. BHARTI	MAHABIR DIXIT	R. CHITRA					INDIA
17	ISGTI_2017_R3415	THEME 2	DESIGN AND CONSTRUCTION OF HIGH SPEED RAILWAY AND METRO TRACK SUB-STRUCTURES	A REVIEW ON VIBRATION GENERATION DUE TO SUBWAY TRAIN AND MITIGATION TECHNIQUES	NAVEEN KUMAR KEDIA	ANIL KUMAR						INDIA
18	ISGTI_2017_I8284	THEME 2	DESIGN AND CONSTRUCTION OF HIGH SPEED RAILWAY AND METRO TRACK SUB-STRUCTURES	FLEXURAL RESPONSE OF RAILS ON VISCO-ELASTIC FOUNDATIONS UNDER MOVING LOADS	PRITI MAHESHWARI	SHASHANK BHATRA						INDIA
19	ISGTI_2017_K7871	THEME 2	DESIGN AND CONSTRUCTION OF HIGH SPEED RAILWAY AND METRO TRACK SUB-STRUCTURES	EPW PRESSURE GENERATION AND MUD PUMPING IN RAILWAYS UNDER CYCLIC LOADING--A CRITICAL REVIEW	ARUNI ABEYWICKRAMA	BUDDHIMA INDRARATNA	CHOLACHATRUJIKIA TKAMJORN					AUSTRALIA

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20	ISGTI_2017_Q5032	THEME 2	DESIGN AND CONSTRUCTION OF HIGH SPEED RAILWAY AND METRO TRACK SUB-STRUCTURES	EXPERIMENTAL INVESTIGATION OF THE UPLIFT BEHAVIOR OF VERTICAL PILE EMBEDDED IN SAND	R. SARAVANAN	DR. P. D. ARUMAI RAJ	DR. T. SUBRAMANI					INDIA
21	ISGTI_2017_A5548	THEME 2	DESIGN AND CONSTRUCTION OF HIGH SPEED RAILWAY AND METRO TRACK SUB-STRUCTURES	CONSTRUCTION OF CROSS PASSAGES COMPLETELY SUBMERGED UNDER GROUND WATER IN DMRC'S PHASE-III LINE-7	AYUSH RAJ	ASHWANI KUMAR	RAJESH KUMAR MITTAL					INDIA
22	ISGTI_2017_U8603	THEME 2	DESIGN AND CONSTRUCTION OF HIGH SPEED RAILWAY AND METRO TRACK SUB-STRUCTURES	SOIL-ROCK-PILE INTERACTION STUDY ON LATERALLY LOADED PILE IN MULTI-LAYERED SOIL-ROCK PROFILE	ANNAMALAI RANGASAMY	PRAKASH KASINATHAN MUTHUKUMARAN						INDIA
23	ISGTI_2017_H5682	THEME 2	DESIGN AND CONSTRUCTION OF HIGH SPEED RAILWAY AND METRO TRACK SUB-STRUCTURES	COMPARISON OF DIFFERENT BREAKAGE MODELS FOR COARSE GRANULAR MATERIALS	RAKESH SAIMALISSETTY	BUDDHIMA INDRARATNA	VINOD JAYAN					INDIA
24	ISGTI_2017_L9351	THEME 2	DESIGN AND CONSTRUCTION OF HIGH SPEED RAILWAY AND METRO TRACK SUB-STRUCTURES	EFFECT OF PILED STRUCTURES ON THE TUNNEL STABILITY UNDER VARIABLE SOIL CONDITIONS	MOHD AYUB YASIN	MOHD SAAD ARSHAD	DR. M. A. KHAN					INDIA
25	ISGTI_2017_B3819	THEME 2	DESIGN AND CONSTRUCTION OF HIGH SPEED RAILWAY AND METRO TRACK SUB-STRUCTURES	EFFECT OF UNDERGROUND BLAST ON UNDERLYING GROUND MEDIA BELOW SUBSTRUCTURE	RANJAN KUMAR	KAPILESH BHARGAVA	DEEPANKAR CHOUDHURY					INDIA

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26	ISGTI_2017_G9335	THEME 2	DESIGN AND CONSTRUCTION OF HIGH SPEED RAILWAY AND METRO TRACK SUB-STRUCTURES	HIGH SPEED RAILWAY STRUCTURE PILE DESIGN COMPARISON CONSIDERED WITH THE DIFFERENCE OF JAPAN AND INDIA	TORAJIRO FUJIWARA	LALIT KUMAR	JUNYAS AWAME	SUGUR UIKEJIMA				JAPAN
27	ISGTI_2017_F2974	THEME 3	ADVANCES IN WATERWAYS AIRFIELDS AND PIPELINE GEOTECHNICS	DESIGN AND CONSTRUCTION APPROACH OF MARINE ROCK SOCKETTED PILES FOR AN OIL JETTY PROJECT	S. GURNANI	K. R. VINJAMURI	A. USMANI					INDIA
28	ISGTI_2017_V5866	THEME 3	ADVANCES IN WATERWAYS AIRFIELDS AND PIPELINE GEOTECHNICS	EFFECT OF FIELD BEND ON PIPELINE RESPONSE AT FAULT CROSSING	GAUTAM S NAIR	SURESH R DASH	GOUTAM MONDAL					INDIA
29	ISGTI_2017_H9579	THEME 3	ADVANCES IN WATERWAYS, AIRFIELDS AND PIPELINE GEOTECHNICS	DYNAMIC RESPONSE OF PILE FOUNDATIONS IN LAYERED LIQUEFIABLE SOILS	PRAVEEN HUDEM	SURESH R DASH						INDIA
30	ISGTI_2017_C4524	THEME 3	ADVANCES IN WATERWAYS, AIRFIELDS AND PIPELINE GEOTECHNICS	CONTROLLING SOIL AND WATER ACIDITY IN ACID SULFATE SOIL TERRAINS USING PERMEABLE REACTIVE BARRIERS	SUBHANI MEDAWELA,	BUDDHIMA INDRARATNA	ANA HEITOR					AUSTRALIA
31	ISGTI_2017_I5511	THEME 4	SLOPE STABILITY LANDSLIDES DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	STEEP SLOPE STABILIZATION UNDER SATURATED CONDITIONS	R. BESRA	A. USMANI	V.K. PANWAR					INDIA

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32	ISGTI_2017_Q4850	THEME 4	SLOPE STABILITY LANDSLIDES DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	SEISMIC RESPONSE OF A STEEP NAILED SOIL SLOPE: SHAKING TABLE TEST AND	S. SAHOO	B. MANNA	K. G. SHARMA					INDIA
33	ISGTI_2017_P1388	THEME 4	SLOPE STABILITY LANDSLIDES DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	PERFORMANCE-BASED PROCEDURE FOR PREDICTION OF LATERAL RESISTANCE OF SLOPE STABILIZING PILES	SAJID IOBAL							PAKISTAN
34	ISGTI_2017_K2922	THEME 4	SLOPE STABILITY LANDSLIDES DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	TAMING THE HILL ROADS – A CASE STUDY	ATASI DAS	ARUN KUMAR SINGH						INDIA
35	ISGTI_2017_X4686	THEME 4	SLOPE STABILITY LANDSLIDES DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	ANALYSIS AND DESIGN OF LARGE PORTAL SLOPES UNDER VARYING SITE CONDITIONS	P. CHOUDHARY	B.MANNA	A.USMANI					INDIA
36	ISGTI_2017_B9938	THEME 4	SLOPE STABILITY LANDSLIDES DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	ANALYSIS OF EFFECT OF REINFORCEMENT ON STABILITY OF VERY STEEP SLOPES	AKSHAY KUMAR JHA		MADHAV MADHIRA	G.V. N. REDDY				INDIA

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37	ISGTI_2017_U5802	THEME 4	SLOPE STABILITY LANDSLIDES DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	USE OF HYBRID GEOSYNTHETICS IN MITIGATING RAINFALL INDUCED SLOPE INSTABILITY	DIPANKANA BHATTACHERJEE	B V S VISWANADHAM						INDIA
38	ISGTI_2017_Y1064	THEME 4	SLOPE STABILITY LANDSLIDES DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	ASSESSMENT OF ROCK SLOPES ADJACENT TO HILL ROADWAYS	R.K.PANIGRAHI							INDIA
39	ISGTI_2017_F4285	THEME 4	SLOPE STABILITY LANDSLIDES DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	A COMPARISON OF 1D AND 2D SPATIAL VARIABILITY OF SOIL IN PROBABILISTIC SLOPE STABILITY ANALYSIS	RUBI CHAKRABORTY	ARINDA M DEY						INDIA
40	ISGTI_2017_L9496	THEME 4	SLOPE STABILITY LANDSLIDES DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	GEOTECHNICAL EVALUATION OF A LANDSLIDE IN THE LESSER HIMALAYAS	RAVI SUNDARAM							INDIA
41	ISGTI_2017_T1769	THEME 4	SLOPE STABILITY LANDSLIDES DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	ANALYSIS OF SLOPE FAILURES ON SAGAM-INDERWAN ROAD AND SUGGESTED REMEDIAL MEASURES	MUZAMILLAH MOHI-UD-DIN	F.A.MIR						INDIA

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42	ISGTI_2017_H3173	THEME 4	SLOPE STABILITY LANDSLIDES DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	STABILITY ASSESSMENT OF ROCK SLOPE AND DESIGN OF ROCK SLOPE REINFORCEMENT	KALLAM NAVEEN REDDY	ADAPA MURALI KRISHNA						INDIA
43	ISGTI_2017_H1420	THEME 4	SLOPE STABILITY LANDSLIDES DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	STABILITY ANALYSIS OF REINFORCED ROCK SLOPE: A HIMALAYAN CASE STUDY	ASWATHI CK	AMALES H JANA	ARINDA M DEY	SREEDEEP S				INDIA
44	ISGTI_2017_V1955	THEME 4	SLOPE STABILITY, LANDSLIDES, DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	LANDSLIDE & ROCKFALL MITIGATION WORKS IN UTTARAKHAND – CASE STUDY	PANKAJ MAURYA	MINIMOL KORULLA						INDIA
45	ISGTI_2017_I6162	THEME 4	SLOPE STABILITY, LANDSLIDES, DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	SOIL NAILING FOR FAILED SLOPE STABILIZATION ON HILLY TERRAIN	SHUVRANSHU KUMAR ROUT	MANOS DE	ANUP KUMAR MANDAL					INDIA
46	ISGTI_2017_G4844	THEME 4	SLOPE STABILITY, LANDSLIDES, DEBRIS FLOWS AND AVALANCHES ON HILLY ROADS AND REMEDIAL MEASURES	SUSTAINABLE LANDSLIDE MITIGATION MEASURES – A CASE STUDY ON LAMBAGARH	PRAVEEN KUMAR	MINIMOL KORULLA						INDIA



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47	ISGTI_2017_K9322	THEME 5	SUB-SURFACE SENSING INVESTIGATIONS AND MONITORING IN TRANSPORTATION GEOTECHNICS	GEOTECHNICAL DESIGN PARAMETERS FOR A METRO TUNNEL FROM PRESSUREMETER TESTS	RAVI SUNDARAM	SANJAY GUPTA	BHAJAN LAL					INDIA
48	ISGTI_2017_P7963	THEME 5	SUB-SURFACE SENSING INVESTIGATIONS AND MONITORING IN TRANSPORTATION GEOTECHNICS	NONDESTRUCTIVE INTRINSIC SELF-SENSING METHOD FOR HEALTH MONITORING OF SUB AND SUPER STRUCTURES	VINOTHKUMAR M	DR.R.M ALATHY	DR.T.RA MASAMY					INDIA
49	ISGTI_2017_R5314	THEME 5	SUB-SURFACE SENSING INVESTIGATIONS AND MONITORING IN TRANSPORTATION GEOTECHNICS	INCREASING MECHANISED RAILWAY BALLAST RENEWAL OUTPUT USING GROUND PENETRATING RADAR (GPR)	SILKY AGRAWAL	AMIT PRASHANT	RAGHVENDRA PRATAP SINGH					INDIA
50	ISGTI_2017_N7924	THEME 5	SUB-SURFACE SENSING INVESTIGATIONS AND MONITORING IN TRANSPORTATION GEOTECHNICS	CAPTURING PAVEMENT PERFORMANCE OF AN INSTRUMENTED PAVEMENT SECTION UNDER FWD LOADING	ZAFRUL KHAN	DR. RAFIQU L TAREFDER						UNITED STATES
51	ISGTI_2017_J5269	THEME 5	SUB-SURFACE SENSING INVESTIGATIONS AND MONITORING IN TRANSPORTATION GEOTECHNICS	USE OF GROUND PENETRATING RADAR (GPR) AS AN EFFECTIVE TOOL IN ASSESSING PAVEMENTS	RUCHITA SALVI	AJINKYARAMDASI	YASHWANT KOLEKAR	LATA V BHANDARKAR				INDIA

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52	ISGTI_2017_H9315	THEME 5	SUB-SURFACE SENSING, INVESTIGATIONS AND MONITORING IN TRANSPORTATION GEOTECHNICS	EVALUATION OF PERFORMANCE OF THE ROADMESH REINFORCEMENT PAVEMENT AT TRIAL STRETCH ON CHITA-KHABAROVSK AUTOROAD	DR. USHAKOV VICTOR							RUSSIA
53	ISGTI_2017_L5991	THEME 5	SUB-SURFACE SENSING, INVESTIGATIONS AND MONITORING IN TRANSPORTATION GEOTECHNICS	MECHANICALLY STABILIZED EARTH WALL WITH CONCRETE PANEL FACING AND GEOSTRIP REINFORCEMENT: INSTRUMENTATION AND DATA INTERPRETATION SUMMARY	SACHIN MANDAVKAR	DOV LESCHINSKY	NAGESHWARR EDDY KARNATI	GIULIA LUGLI				UNITED STATES
54	ISGTI_2017_D5347	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	USAGE OF BIODEGRADABLE JUTE DRAINS FOR SOFT SOIL STABILIZATION: PROGRESS & CHALLENGES IN ANALYTICAL MODELLING	KIRTI CHOUDHARY	CHOLACHAT RUJIKIA TKAMJORN	BUDDHIMA INDRARATNA	P.K. CHOUDHURY				AUSTRALIA
55	ISGTI_2017_J4284	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	LABORATORY-LEVEL PERFORMANCE EVALUATION OF DIFFERENT TYPES OF JUTE GEOTEXTILES FOR RURAL ROAD APPLICATION	MAHUYA GHOSH	G.V. RAO	U. S. SARMA					
56	ISGTI_2017_G6611	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	HEXAGONAL GEOGRIDS IN MECHANISTIC-EMPIRICAL PAVEMENT DESIGN METHOD	PIOTR MAZUROWSKI	TIMOTHY OLIVER						POLAND

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57	ISGTI_2017_L7673	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	USE OF GLASS GRID AND SAMI AS REINFORCED INTERLAYER IN RUNWAY	SATYAJIT ROY	MAHBIR DIXIT						INDIA
58	ISGTI_2017_P5374	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	INTERFACE BEHAVIOUR OF GEOGRID-REINFORCED SUBBALLAST: LABORATORY AND DISCRETE ELEMENT MODELLING	NGOC TRUNG NGO	BUDDHI MA INDRAR ATNA	CHOLA CHAT RUJIKIA TKAMJ ORN					AUSTRALIA
59	ISGTI_2017_Y1101	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	USE OF SHOCK MATS TO IMPROVE RAIL TRACK PERFORMANCE	CHAMINDI JAYASURIYA	BUDDHI MA INDRAR ATNA						AUSTRALIA
60	ISGTI_2017_A1839	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	CHARACTERISATION OF CEMENT STABILISED FLY ASH FOR USE AS STRUCTURAL LAYER IN RURAL ROAD PAVEMENTS	ANUSREE BHOWMIK	UMESH CHANDRA SAHOO						INDIA
61	ISGTI_2017_Q8548	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	USE OF JUTE GEOTEXTILE IN STRENGTH ENHANCEMENT OF SOFT SUBGRADE SOIL	AYUSH MITTAL	SHALINE SHUKLA	RAM PRAKASH TIWARI	VAISHALI RAJBHARR				INDIA

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62	ISGTI_2017_Y2240	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	PERFORMANCE EVALUATION OF GEOSYNTHETICS REINFORCED UNPAVED ROADS USING PLATE LOAD TESTS	AVINASH KUMAR SINGH	SATYEN DRA MITTAL						INDIA
63	ISGTI_2017_M1232	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	FLEXIBLE PAVEMENT REINFORCED WITH PLANER REINFORCEMENT - EXPERIMENTAL STUDY	G. NARENDRA GOUD	B.UMAS HANKAR						INDIA
64	ISGTI_2017_F4312	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	MODEL STUDY ON RE WALL USING MSW AS BACKFILL MATERIAL	KINJAL H. GAJJAR	ALPA J. SHAH	M.V. SHAH					INDIA
65	ISGTI_2017_C1878	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	INVESTIGATIONS ON GEOSYNTHETIC ENCAPSULATED BALLAST UNDER REPEATED LOADING	UNNIKRISHNA N, N.	SONY SANJEEV						INDIA
66	ISGTI_2017_R4773	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	THE INFLUENCE OF RUBBER CRUMBS ON THE ENERGY ABSORBING PROPERTY OF WASTE MIXTURES	YUJIE QI	BUDDHI MA INDRAR ATNA	ANA HEITOR					AUSTRALIA

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67	ISGTI_2017_Y8189	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	REVIEW ON COMPACTION AND SHEARING-INDUCED BREAKAGE OF GRANULAR MATERIAL	MIRIAM TAWK	BUDDHI MA INDRAR ATNA	CHOLA CHAT RUJIKIA TKAMJ ORN	ANA HEITOR				AUSTRALIA
68	ISGTI_2017_E3049	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	A REVIEW OF THE PERFORMANCE OF THE GEOGRID REINFORCED BALLAST	CHUHAO LIU	BUDDHI MA INDRAR ATNA						AUSTRALIA
69	ISGTI_2017_P5157	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	NUMERICAL STUDY ON CYCLIC SHEAR BEHAVIOR OF SOIL-GEOSYNTHETICS INTERFACE	R.ROY	MD. HANZLA	A.HEGDE					INDIA
70	ISGTI_2017_I3742	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	STABILISATION OF STIFFER RAIL TRACK SUBSTRUCTURE USING ARTIFICIAL INCLUSION	SINNIAH K. NAVARATNAR AJAH	BUDDHI MA INDRAR ATNA						SRI LANKA
71	ISGTI_2017_A2828	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	RED MUD - FLY ASH MIXES AS AN EMBANKMENT MATERIAL	PARVATHI GEETHA SREEKANTAN	ANIL KUMAR SINHA	VASANT HAVANGI					INDIA

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72	ISGTI_2017_Q9089	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	JAROFIX WASTE MATERIAL IN EMBANKMENT CONSTRUCTION	DR. A.K.SINHA	DR.VASANT G.HAVANAGI						INDIA
73	ISGTI_2017_K7187	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	SETTLEMENT PERFORMANCE OF GEOGRID-STABILISED SUB-BALLAST USING SIMULATED HIGH-SPEED RAIL FORCES	Z YU.	D CONNOLLY.	M HORTON.					UNITED KINGDOM
74	ISGTI_2017_G5869	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	INFLUENCE OF CRACK DEPTH ON THE PERFORMANCE OF GEOSYNTHETIC REINFORCED ASPHALT OVERLAYS	VINAY KUMAR V	SIREESH SARIDE						INDIA
75	ISGTI_2017_Y8456	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	GEOGRID REINFORCED SOIL WALLS WITH MARGINAL BACKFILLS SUBJECTED TO RAINFALL: NUMERICAL STUDY	MIDHULA JAYANANDAN	B.V.S. VISWANADHAM						INDIA
76	ISGTI_2017_U9172	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	EFFECTS OF STABILIZATION ON ENGINEERING CHARACTERISTICS OF FLY ASH AS PAVEMENT SUBBASE MATERIAL	DR. SATYAJIT PATEL	DEEPTI PATEL	DR. RAKESH KUMAR	DR. KRUPESH CHAUHAN				INDIA

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77	ISGTI_2017_S6219	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	USE OF ECO-FRIENDLY MATERIAL FOR DRAINAGE AND FILTRATION IN REINFORCED SOIL WALLS	M. V. SURESH	DR.RAT NAKAR R. MAHAJAN	KINJAL PARMAR					INDIA
78	ISGTI_2017_J9818	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	LABORATORY CHARACTERIZATION OF BITUMINOUS PAVEMENTS REINFORCEMENT WITH SYNTHETIC INTERLAYERS USING FATIGUE FLEXURE TESTING	C. SANGIORGI	P. TATARANNI	N. BONUCCHI	C. LANTIERI				ITALY
79	ISGTI_2017_E5471	THEME 6	USE OF GEOSYNTHETICS AND NON TRADITIONAL MATERIALS IN TRANSPORTATION GEOTECHNICS	COMPARISON OF COCONUT ROOT WITH OTHER GEOTEXTILES FOR TRANSPORTATION INFRASTRUCTURE	LEONARDO SOUZA	PURNANAND SAVOIKAR						INDIA
80	ISGTI_2017_C9332	THEME 7	TRANSPORT GEOTECHNICS IN COMPLEX UNDERGROUND CONSTRUCTION	DIRECT SHEAR STRENGTH OF NATURAL ROCK JOINTS	SANDEEP BHARDWAJ	K.S.RAO						INDIA
81	ISGTI_2017_J2180	THEME 7	TRANSPORT GEOTECHNICS IN COMPLEX UNDERGROUND CONSTRUCTION	DETERMINATION OF CAPACITY OF PILE USING GROUTING WITH A CASE STUDY	SWAPAN BAGUI	ATASI DAS						INDIA
82	ISGTI_2017_W7926	THEME 7	TRANSPORT GEOTECHNICS IN COMPLEX UNDERGROUND CONSTRUCTION	FEA OF GROUND MOVEMENTS & GEOTECHNICAL LOSS DUE TO BORED TUNNELS	ANIMESH SHARMA							INDIA

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83	ISGTI_2017_J3753	THEME 7	TRANSPORT GEOTECHNICS IN COMPLEX UNDERGROUND CONSTRUCTION	CONSTRUCTION OF UNDERPASS UNDER RAIL TRACKS BY RETENTION OF FINE SAND THROUGH SOIL NAILING - A CASE	KANWAR SINGH	SATYEN DRA MITTAL	P.S PRASAD	KISHOR KUMAR				INDIA
84	ISGTI_2017_Q7484	THEME 7	TRANSPORT GEOTECHNICS IN COMPLEX UNDERGROUND CONSTRUCTION	INFLOW ANALYSIS INTO UNDERGROUND EXCAVATIONS IN JOINTED ROCKMASS	SANTOSH TAKRAS							INDIA
85	ISGTI_2017_P3429	THEME 7	TRANSPORT GEOTECHNICS IN COMPLEX UNDERGROUND CONSTRUCTION	ASSESSMENT OF TUNNEL CONSTRUCTION POSSIBILITIES IN DEEP HIGH SQUEEZING PERMO-CARBONIFEROUS GROUND	LIGA LIKAR	MELANI JA HUIS	ANDREJ LIKAR	JAKOB LIKAR				SLOVENIA
86	ISGTI_2017_M8365	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	OVERCOMING GEOTECHNICAL CHALLENGES IN RAIL AND METRO PROJECTS	MADAN KUMAR ANNAM							INDIA
87	ISGTI_2017_B4899	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	BIOENZYMATIC-LIME STABILIZATION OF DIFFERENT SOILS	AMIT JOSHI	DR. C.H. SOLANKI						INDIA
88	ISGTI_2017_L9558	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	STUDY ON PAVEMENT SOIL SUBGRADE PROPERTIES WITH REINFORCED FIBRES	KH. LAKSHMAN SINGH	MANISH JAMATI A						INDIA
89	ISGTI_2017_A6731	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	EFFECT OF GRANULAR LAYER STRENGTH AND THICKNESS ON JUTE GEOTEXTILES REINFORCED RURAL ROAD	SOUVIK PATRA	ASHIS KUMAR BERA						INDIA



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90	ISGTI_2017_K4039	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	EFFECT OF LIME AND SODIUM SALT ON STRENGTH CHARACTERISTIC OF SHEDI SOIL ADMIXTURED WITH BAGASSE ASH	CHEZHAN N	RAMESH H N	MALLIK ARJUN PATIL V					INDIA
91	ISGTI_2017_Y8288	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	INFLUENCE OF LIME AND FIBER ON STRENGTH AND CONSOLIDATION CHARACTERISTICS OF EXPANSIVE SOIL	MONOWAR HUSSAIN	SUBHRA DEEP DHAR						INDIA
92	ISGTI_2017_I4117	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	VARIATION OF CBR VALUES OF LATERITE SOIL MIXED WITH JAROFIX AND LIME	SANTHOSH.G	K.S.BEENA						INDIA
93	ISGTI_2017_D8398	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	ELASTO-PLASTIC ANALYSIS OF TUNNEL MODEL WITH PERMEATION GROUTING	VINOTHKUMAR M	DR.R.M ALATHY	DR.T.RA MASAMY					INDIA
94	ISGTI_2017_O4628	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	EXPERIMENTAL STUDY OF FLYASH-STABILIZED EXPANSIVE SOIL FOR ROAD SUBGRADES	NIGADE-SAHAN AND	SANJIVANI	B. V. S. VISWANADHAM					INDIA
95	ISGTI_2017_C1084	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	AN ELASTIC VISCO-PLASTIC MODEL FOR SOFT SOIL WITH REFERENCE TO RADIAL CONSOLIDATION	PANKAJ BARAL	BUDDHIMA INDRARATNA	CHOLACHATRUJIKIA TKAMJORN					AUSTRALIA

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96	ISGTI_2017_H5768	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	USE OF GEOSYNTHETICS IN MITIGATING THE EFFECTS OF MUD-PUMPING: IN THE CONTEXT OF RAILWAY ENGINEERING	MANDEEP SINGH	BUDDHI MA INDRAR ATNA	CHOLA CHAT RUJIKIA TKAMJ ORN					AUSTRALIA
97	ISGTI_2017_U9806	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	UTILISATION OF WASTE PLASTIC SHREDS FOR STABILISATION OF SOIL	SHWETHA PRASANNA	RITUJA TARI	POOJA NAIK	SHRIYA USGAO NKER	DHANA DA MAYEKE R	RAJESH WARI PALNI	RADHIYA CHODNEKAR	INDIA
98	ISGTI_2017_F4344	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	OPTIMIZATION OF COST AND FIBRE QUANTITY OF FIBRE IN SOIL STABILISATION	PROF. P. G. SONAR	DR. S. R. BHAGAT						INDIA
99	ISGTI_2017_I9195	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	IMPROVEMENT IN GEOTECHNICAL PROPERTIES OF SOIL REINFORCED WITH JUTE FIBER	PARVESH KUMAR	FAYAZ AHMAD MIR						INDIA
100	ISGTI_2017_S3144	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	USE OF DYNAMIC COMPACTION IN CONSTRUCTING SUBGRADES OVER RECLAIMED FILLS	SAPTARSHI KUNDU	B.V.S. VISWAN ADHAM						INDIA
101	ISGTI_2017_G6587	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	A COMPARATIVE STUDY OF DESIGN AND CONSTRUCTION PRACTICE OF STONE COLUMN	SUPRIT JAKATI	YASHWANT A KOLEKAR						INDIA

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102	ISGTI_2017_N5042	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	PERFORMANCE ANALYSIS OF PLAXIS MODELS OF STONE COLUMNS IN SOFT MARINE CLAY	M.VINOTH	P.S.PRASAD	U.K. GURUVITTAL					INDIA
103	ISGTI_2017_I4535	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	LIQUEFACTION COUNTERMEASURES FOR SOIL SUPPORTING EXISTING STRUCTURES: A REVIEW	ADYASHA SWAYAMSIDDHA AMANTA	SATYAN ARAYANA MURTY DASA						INDIA
104	ISGTI_2017_V8999	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	STRENGTHENING LOW PLASTIC SOILS USING MICRO FINE CEMENT THROUGH DEEP MIXING METHODOLOGY	PARTH SHAH	MANISH SHAH	ABHAY GANDHI					INDIA
105	ISGTI_2017_W1883	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	MODEL TESTS TO DETERMINE LATERAL LOAD CAPACITY OF HELICAL PILES EMBEDDED IN SAND	SWETA DAVE	MOHIT SONI						INDIA
106	ISGTI_2017_Q8812	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	GROUND IMPROVEMENT USING INDUSTRIAL WASTE MATERIALS	RESHMI G	ANIRBAN MANDAL						INDIA
107	ISGTI_2017_T6685	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	STABILIZATION OF FLY ASH BY USING FERROCHROME SLAG AS FILL MATERIAL IN STONE COLUMN	DR. ANIL KUMAR CHOUDHARY	BINEX KUNJUMON	DR. JAGADANAND JHA					INDIA

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108	ISGTI_2017_O8301	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	SUBGRADE TREATMENT USING BIOPOLYMERS.	NIKHIL NAGPAL	PRAVEEN AGGARWAL	ASHISH JUNEJA					INDIA
109	ISGTI_2017_L4632	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	PERFORMANCE OF GEOCELL REINFORCED FLEXIBLE PAVEMENTS IN SOFT CLAY SOILS	DR.SRIDEVI	DR.KRISHNARAJU	SHIVARAJ ANTARATANA AND	SUDARSHAN GOUDA				INDIA
110	ISGTI_2017_Y3055	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	UTILIZATION OF CLASS C FLY ASH IN FLEXIBLE PAVEMENT SYSTEM – A REVIEW	AMRUTA R. JOSHI	DR. SATYAJIT PATEL	DR. J.T. SHAHU					INDIA
111	ISGTI_2017_K6687	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	GROUND IMPROVEMENT AT ROB WITH EXTENSIVE USE OF GEOCELLS AND STONE COLUMNS - A CASE STUDY	ARUN KUMAR SINGH	ATASIDAS	YASH PANDEY	HARSHIT RAI				INDIA
112	ISGTI_2017_U7785	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	CONTACT PRESSURE DISTRIBUTION IN GEOCELL REINFORCED RURAL ROADS	VIJAY KUMAR RAYABHARAPU	SIREESH SARIDE						INDIA
113	ISGTI_2017_K3925	THEME 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	DEVELOPMENT OF FREEZE-THAW WATER RETENTION TEST APPARATUS FOR COARSE GRANULAR MATERIALS	TOMOYUKI AOYAGI	ISHIKAWA TATSUYA	MATSU TANI SHINGO	NAKAMURA TAKAHISA	MOMOYA YOSHITSUGU			JAPAN

SR NO	ABSTRACT _TRACK ID	THEME	THEME TITLE	ABSTRACT TITLE	AUTHORS NAME	AUTHOR 2	AUTHOR 3	AUTHOR 4	AUTHOR 5	AUTHOR 6	AUTHOR 7	COUNTRY
114	ISGTI_2017_I5469	Theme 8	GROUND IMPROVEMENT TECHNIQUES FOR TRANSPORTATION GEOETCHNICS	Strength & Volume Change Behaviour of Expansive Soil Using NonTraditional & Traditional Stabilizers	SRINIVAS F. CHITRAGAR	CHANDRASHEKHAR B. SHIVAYOGINATH	RAVIRAJ H. MULANGI					INDIA
115	ISGTI_2017_Q4902	THEME 9	EMERGING TRENDS IN TRANSPORTATION GEOTECHNICS - UNSATURATED SOIL MECHANICS MACRO AND NANO TECHNOLOGY CLIMATE CHANGE AND SUSTAINABILITY	RELIABILITY ANALYSIS OF PERMEABLE LAYER IN PAVEMENT SUBSURFACE DRAINAGE SYSTEM	SHUBHAM A.KALORE	G.L.SIVAKUMAR BABU	RAJIB B.MALLICK					INDIA
116	ISGTI_2017_N6742	THEME 9	EMERGING TRENDS IN TRANSPORTATION GEOTECHNICS – UNSATURATED SOIL MECHANICS, MACRO AND NANO TECHNOLOGY, CLIMATE CHANGE AND SUSTAINABILITY	INFLUENCE OF OSMOTIC SUCTION WITH TREE ROOTS ON STABILITY OF SURROUNDING SOIL – A CRITICAL REVIEW	PUBUDU JAYATHILAKA	BUDDHIMA INDRARATNA	ANAHETOR					AUSTRALIA
117	ISGTI_2017_E8157	THEME 9	EMERGING TRENDS IN TRANSPORTATION GEOTECHNICS – UNSATURATED SOIL MECHANICS, MACRO AND NANO TECHNOLOGY, CLIMATE CHANGE AND SUSTAINABILITY	INFLUENCE OF SWELLING IN FLEXIBLE PAVEMENTS USING NUMERICAL MODELLING	THARAS N	DR. ANIRBAND MANDAL	RAMKARUM ANCHI					INDIA

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118	ISGTI_2017_M3126	THEME 9	EMERGING TRENDS IN TRANSPORTATION GEOTECHNICS – UNSATURATED SOIL MECHANICS, MACRO AND NANO TECHNOLOGY, CLIMATE CHANGE AND SUSTAINABILITY	ROAD SAFETY AUDIT ON MAJOR ROADS IN KURUKSHETRA CITY	ANUBHAV SHARMA	PRAVEEN AGGARWAL	AMIT JAIN					INDIA
119	ISGTI_2017_O5669	THEME 9	EMERGING TRENDS IN TRANSPORTATION GEOTECHNICS – UNSATURATED SOIL MECHANICS, MACRO AND NANO TECHNOLOGY, CLIMATE CHANGE AND SUSTAINABILITY	PERFORMANCE OF ANN MODEL IN PREDICTING THE BEARING CAPACITY OF SHALLOW FOUNDATIONS	SYED SHADMAN SAKIB	ISTIAKUR RAHMANN	HOSSAIN MD. SHAHIN					BANGLADESH