

SIIOC-2023 CONFERENCE SCHEDULE (OFFLINE MODE)						
SESSION		HALL	TIME	TITLE	AUTHORS	ABSTRACT ID
				DAY-1(20-04-2023)		
			08:00-09:00	REGISTRATION		
		SEMINAR HALL,LHC-C	09:00-10:00	INAUGURATION		
			10:00-10:30	High Tea		
		SEMINAR HALL,LHC-C	10:30-11:15	KEYNOTE LECTURE BY PROF. SIAU CHEN CHIAN DARREN, DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING, NATIONAL UNIVERSITY OF SINGAPORE		
1.1	STRUCTURAL ENGINEERING	CR5,LHC-C	11:30-11:40	MITIGATION METHODS TO CONTROL TRAFFIC INDUCED VIBRATION ON MONO-COLUMN STRUCTURE	Shiva Kumar K S,Shashank M N,Tarun Kumar B K, Karthik S and Pallavi H J	SIIOC-003
			11:40-11:50	GENERATION OF BUILDING PLANS USING ARTIFICIAL INTELLIGENCE	Aarti Dasari,Santhosh Kumar DA,Kolli Tejesh Kumar Reddy, D Rakesh	SIIOC-004
			11:50-12:00	SEISMIC RESPONSE OF ELEVATED CYLINDRICAL WATER TANK WITH LEAD RUBBER BEARING ISOLATION SYSTEM	GINO BABY,Dr. Glory Joseph	SIIOC-038
			12:00-12:10	PERFORMANCE BASED SEISMIC DESIGN OF MULTI-STORIED STRUCTURE WITH IMPLEMENTATION OF VARIOUS COMBINATION OF BRACING SYSTEMS	Chandan.S,Ankitha Kirana Kumar,Anish.S , Chandana Setty , Gaurav.R	SIIOC-045
			12:10-12:20	DYNAMIC ANALYSIS OF ONSHORE WIND TURBINE CONSIDERING THE EFFECT OF SOIL STRUCTURE INTERACTION	BASAVARAJ C S,Anand M Hulagabali,G R Dodagoudar	SIIOC-053
			12:20-12:30	ANALYSIS OF RC BRIDGE UNDER VARYING LOAD AND TEMPERATURE STRESS	Rudra Narayan Thakur,Naveen B. O.,Punith B. Kotagi, Girish H.	SIIOC-067
			12:30-12:40	DETERMINATION OF EFFECTIVE PROPERTIES OF MASONRY USING FEA-BASED HOMOGENIZATION APPROACH	Santoshgouda Honnali,Pavan G S	SIIOC-381
			12:40-12:50	CERTIFICATE DISTRIBUTION		
1.2	CONCRETE TECHNOLOGY	SEMINAR HALL,LHC-C	11:30-11:40	COMPARISON OF FLEXURAL PERFORMANCE BY FEM EVALUATION OF REINFORCED CONCRETE BEAM STRENGTHENED BY NATURAL-SYNTHETIC HYBRID FIBER REINFORCED POLYMER	Tanvesh Dabholkar,Harikumar M.	SIIOC-027
			11:40-11:50	UNLOCKING THE POTENTIAL OF POND ASH AS A GAME-CHANGER IN REPLACING NATURAL SAND IN CONCRETE	Pooja Mallik,Prof. Sugandhini H K ,Prof. Laxman Kudva	SIIOC-029
			11:50-12:00	DEVELOPMENT OF TRANSLUCENT CONCRETE USING FIBRE GLASS RODS AND REPLACEMENT OF A PART OF FINE AGGREGATE BY GLASS POWDER	Prajwal Kumar.B,Ankitha Kirana Kumar ,Jayanth Kumar.S , Kumara Naika , Naveen Nayak.M	SIIOC-070
			12:00-12:10	EVALUATING THE PERFORMANCE OF CONCRETE INCORPORATED WITH CENOSPHERE-BASED COMPOSITE PHASE CHANGE MATERIAL	SIVASUBRAMANI P. A.,SRISANTHI V. G.	SIIOC-071
			12:10-12:20	INFLUENCE OF SUPERPLASTICIZERS AND NANOMATERIALS ON FRESH-STATE AND MECHANICAL PROPERTIES OF GEOPOLYMER CONCRETE - A REVIEW	A Sai Pradeep,Khushpreet Singh	SIIOC-076
			12:20-12:30	ANALYTICAL STUDY ON STATIC PROPERTIES OF DAMAGED PLASTICITY MODEL FOR CONCRETE USING ABAQUS.	Sridhar R,Nagendra V ,Tessin Thomas	SIIOC-110
			12:30-12:40	COMPARATIVE STUDY ON PREDICTION OF INTERFACIAL BOND STRENGTH OF FRP WITH CONCRETE USING MACHINE LEARNING METHODS	Abhiram H C,T Palanisamy	SIIOC-418
			12:40-12:50	CERTIFICATE DISTRIBUTION		
1.3	GEOTECHNICAL AND EARTHQUAKE ENGINEERING	LH1,LHC-C	11:30-11:40	FINITE ELEMENT ANALYSIS OF TALL REINFORCED CONCRETE CHIMNEY CONSIDERING THE EFFECT OF SOIL STRUCTURE INTERACTION (SSI)	Dhariyappa S D,Vadiraj Rao N. R.,Anand M Hulagabali	SIIOC-055
			11:40-11:50	RETROFITTING ANALYSIS OF ISOLATED FOOTINGS FOR INDUSTRIAL BUILDINGS	Rakesh Kumar V.G. ,T.H. Sadashiva Murthy,Naveen B. O. , Namratha L.	SIIOC-066
			11:50-12:00	DYNAMIC ANALYSIS OF PILE FOUNDATIONS UNDER LIQUEFIABLE SOIL	Abhishek Pujar,Naveen B. O.,Swaroop T.M.	SIIOC-068
			12:00-12:10	VALUATION OF INDUSTRIAL AND AGRICULTURAL BY-PRODUCTS IN STABILIZATION OF SOIL	Gireesh Mailar,Rakesh Patil,Usmansaheb T Nadaf, Yunush Allipur, Firoz Amaravati	SIIOC-083
			12:10-12:20	SETTLEMENT OF ADJACENT STRUCTURES DUE TO NEARBY DEEP EXCAVATION- A NUMERICAL INVESTIGATION	Anand M. Hulagabali,Sushank B L,Deekshitha B E, V S Shreyas, Samarth S Mutnal	SIIOC-105
			12:20-12:30	"LABORATORY INVESTIGATION ON PERFORMANCE OF EXPANSIVE SOIL STABILIZED BY FLY ASH AND SODIUM HYDROXIDE"	Abilash K E,Dr. Muttana S Balreddy	SIIOC-146
			12:30-12:40	TWO-DIMENSIONAL FINITE ELEMENT MODELLING OF UNDERGROUND TUNNEL AND ITS EFFECTS ON SETTLEMENT OF ADJACENT STRUCTURES	Anand M Hulagabali,Mahadev Prasad,Sneha B M, A Mahanthesh, Nandan Gowda S L	SIIOC-237
			12:40-12:50	SOIL STABILIZATION USING SPENT COFFEE RESIDUE WITH GEOPOLYMERIZATION TECHNIQUE	Lalfakzuali,Avinash.H.T.,Raghuram.K.C., Kondeti Chiranjeevi.	SIIOC-131
			12:50-13:00	CERTIFICATE DISTRIBUTION		
1.4	TRANSPORTATION ENGINEERING	CR1,LHC-C	11:30-11:40	PEDESTRIAN SAFETY STUDIES ON URBAN INFRASTRUCTURE: A REVIEW	Raghavendra S Sanganaiakar ,Raviraj H Mulangi	SIIOC-015
			11:40-11:50	EFFICIENT PUBLIC TRANSPORT SYSTEM THROUGH XBL APPROACH	Punith B Kotagi ,Aksha Akbar,Naveen, Sourabh Koli, Sinchana J N	SIIOC-030
			11:50-12:00	OPTIMIZATION OF CONTROLLED INTERSECTION THROUGH SYNCHRONIZED GREEN TIME	Sahana J Kashyap ,Chethan Y S,Asha K J, Chandeno Y Kithan, Punith B Kotagi	SIIOC-040
			12:00-12:10	MODELLING PEDESTRIAN LEVEL OF SERVICE OF SIDEWALKS OF SURAT CITY: A STRUCTURAL EQUATION APPROACH	Ayushi V. Shah ,Gaurang J. Joshi	SIIOC-052
			12:10-12:20	DETERMINATION OF FACTORS AFFECTING THE WILLINGNESS TO PAY ELICITED BY CONTINGENT VALUATION PAYMENT CARD METHOD USING STRUCTURAL EQUATION MODELING	Sumayya Naznin P H ,Divya Katrawath,Ria Mariam Sabu, Dr. A U Ravi Shankar	SIIOC-059
			12:20-12:30	SUSTAINABLE SMART CITIES IN INDIA	Dr.SP Mahendra ,Mr.BS Sudhanva,Rakshitha	SIIOC-073
			12:30-12:40	EXPERIMENTAL EVALUATION OF BIO-ENZYME STABILIZED FULL DEPTH RECLAMATION MATERIAL FOR PAVEMENT APPLICATION	Garima Dave ,Kaamil Multani,Uma Chaduvula , Mahesh Jallu	SIIOC-099
			12:40-12:50	FEASIBILITY STUDY ON PARTIAL REPLACEMENT OF BITUMEN BY CASHEW NUT SHELL OIL AND EPOXY RESIN IN BITUMINOUS CONCRETE.	Anil Kumar P S ,Pramukh Ganapathy C,Abhilash R Prasad	SIIOC-117
			12:50-13:00	CERTIFICATE DISTRIBUTION		
			11:30-11:40	ROAD SIDE DUST AMENDED NOVEL BURNT CLAY BRICKS	Dr Shrikant Jahagirdar,Dr Satish More,Dr V K Patki, Prof Girish Kulkarni	SIIOC-102
			11:40-11:50	HYDROLOGICAL MODEL - SUSTAINABLE SOLUTION FOR BENGALURU WATER SHORTAGE SYSTEM	Sowmya RK,Varun s,Vidhya hk	SIIOC-161

1.5	ENVIRONMENTAL ENGINEERING	LH6,LHC-C	11:50-12:00	COMPUTATIONAL ANALYSIS OF WATER DISTRIBUTION NETWORKS	THEJASWINI S,CHINMAYI B H,POORVIK C M, Vijay V. Nair	SIIOC-181
			12:00-12:10	PERSONAL EXPOSURE TO FINE PARTICULATE MATTER PM2.5 IN A TRANSPORT MICROENVIRONMENT IN SURAT CITY	Swapnil Dilip Patil,Smarnika panda,R.A.Christian	SIIOC-206
			12:10-12:20	STUDY OF A VEGETATIVE BARRIER FOR AIR POLLUTION REDUCTION	VISHNUPRIYA SUBASH	SIIOC-225
			12:20-12:30	SOLID WASTE MANAGEMENT IN UNIVERSITY CAMPUS-NITK	S Anjitha	SIIOC-235
			12:30-12:40	PERFORMANCE APPRAISAL OF FIS-BASED END-USE MODEL FOR ESTIMATION OF WATER FLOW IN RESIDENTIAL HOUSEHOLDS USING LOW-COST FLOW MEASURING SETUP	Rohit Mangalekar,Shivani Shirbhate,Abhinandan Khot, Krishnakedar Gumaste	SIIOC-311
			12:40-12:50	SLOPE STABILITY ANALYSIS OF MUNICIPAL SOLID WASTE DUMPSITE AT MANGALORE	Vibha Suresh,Dr Sughosh P,Dr H Lakshmi Kantha	SIIOC-159
			12:50-13:00	CERTIFICATE DISTRIBUTION		
1.6	HYDROLOGY&IRRIGATION ENGINEERING	LH2,LHC-C	11:30-11:40	NUMERICAL INVESTIGATIONS ON THE WAVE TRANSMISSION CHARACTERISTICS OF A SUBMERGED TRAPEZOIDAL BREAKWATER WITH TOP ROUGHNESS	AMRITH P K,PAUL T ATHIKALAM,Dr. K.V ANAND	SIIOC-082
			11:40-11:50	COMPARATIVE ANALYSIS OF TOPOGRAPHIC FACTOR (LS FACTOR) ESTIMATION METHODS FOR SOIL EROSION RISK ASSESSMENT IN THE NETRAVATI WATERSHED, INDIA	Waleed Makhdumi,Shwetha, H. R.,Dwarakish, G. S	SIIOC-098
			11:50-12:00	BLUE INFRASTRUCTURE FOR SUSTAINABLE DEVELOPMENT AND MANAGEMENT IN RAMANAGAR TALUK: A GEOINFORMATICS BASED STUDY	Prem Chandan M,Sinchana S,Rohith G , Sachin	SIIOC-143
			12:00-12:10	FLOOD MODELLING AND MAPPING OF HARANGI RIVER TRIBUTARY OF CAUVERY RIVER	MUKUL KUMAR SAHU,SHWETHA H.R.,G.S. DWARAKISH	SIIOC-390
			12:10-12:20	INTEGRATED ECOLOGICAL RIVER HEALTH ASSESSMENT OF NETRAVATHI BASIN BASED ON PHYSIOCHEMICAL AND HYDROCHEMICAL ANALYSIS	Vijay Suryawanshi,Ramesh H,Nasar.T, Stanley Philips	SIIOC-427
			12:20-12:30	MODELLING AND MITIGATION OF URBAN FLOODS: A CASE STUDY IN MANGALORE	Ashika pai,Mahima N,Dr. Pruthviraj U	SIIOC-430
			12:30-12:40	ASSESSING THE IMPACT OF VENTED DAM LAND SUBMERGENCE AND STORAGE CAPACITY FOR WATER RESOURCES MANAGEMENT	Mahima .N,Ashika pai,Dr. Pruthviraj U	SIIOC-431
			12:40-12:50	ASSESSMENT OF LULC, SOIL CLASSIFICATION AND CROPPING PATTERN FOR PATTADAKAL MICROWATERSHED BAGALKOT DISTRICT USING REMOTE SENSING AND GIS TECHNIQUES	MANJU KUMAR P,Dr Veena S. Soraganvi,Basavaraj D B	SIIOC-094
			12:50-13:00	CERTIFICATE DISTRIBUTION		
			13:00-14:00	LUNCH BREAK		
2.1	STRUCTURAL ENGINEERING	CR5,LHC-C	14:00-14:10	DYNAMIC ANALYSIS OF HORIZONTALLY CONNECTED HIGH-RISE BUILDINGS	Namratha L.,Naveen B. O.	SIIOC-069
			14:10-14:20	NUMERICAL ANALYSIS ON STRESS CONCENTRATION FACTOR OF MULTIPLANAR IN-PLANE OVERLAPPING KK JOINT	Stanley Jones Daniel,T M Madhavan Pillai	SIIOC-095
			14:20-14:30	A DEEP LEARNING BASED STRUCTURAL DAMAGE DETECTION USING MODAL DATA	Jayanta Kalai,Dr. Shyamal Guchhait,Keshav	SIIOC-096
			14:30-14:40	AN EFFECTIVE FRAMEWORK FOR STRUCTURAL DAMAGE DETECTION USING 2D-CNN BASED ON TIME SERIES DATA	Keshav,Dr. Shyamal Guchhait,Jayanta Kalai	SIIOC-097
			14:40-14:50	DAMAGE DETECTION IN DOUBLE TAPERED BEAM USING MODAL STRAIN ENERGY METHOD IN OPENSEES	Sinchana. A. S,Siddesha, H.,Pavan Kumar Emani	SIIOC-121
			14:50-15:00	THERMAL PERFORMANCE OF RESIDENTIAL BUILDINGS AT DIFFERENT LOCATIONS.	Himarani C K,Harish Gowda D S,Keerthanaram A R, Jashwanth Gowda M V	SIIOC-195
			15:00-15:10	SEISMIC PERFORMANCE ASSESSMENT OF MASONRY GRAVITY DAM	Harsh Tiwari,Pavithra Reddy S J,Dr. Pavan G S	SIIOC-426
			15:20-15:30	CERTIFICATE DISTRIBUTION		
2.2	CONCRETE TECHNOLOGY	SEMINAR HALL,LHC-C	14:00-14:10	DURABILITY STUDY ON ULTRA-HIGH-PERFORMANCE-FIBER-REINFORCED CONCRETE	Kavya S,Sanjay Raj A , Shivaprakash Gangappa	SIIOC-155
			14:10-14:20	PLASTIC FIBER-REINFORCED LIGHTWEIGHT CONCRETE USING EXPANDED POLYSTYRENE (EPS) PARTICLES	Mahima.N,Dr. S P Mahendra ,Deekshita M C, Dhanushree M	SIIOC-173
			14:20-14:30	THE FAILURE BEHAVIOUR OF CONCRETE CUBES IN COMPRESSION	Girish H.,Balaji N. C.	SIIOC-210
			14:30-14:40	STRENGTH & DURABILITY PROPERTIES OF EARLY CEMENT-SOIL MORTAR	Kallem Surya Teja, Pavan G S	SIIOC-420
			14:40-14:50	INFLUENCE OF GRAIN SIZE DISTRIBUTION (GSD) ON GGBFS BASED BINARY CEMENT	RAJAN SURESH KAMBLE,Dr. K. G. GUPTHA ,	SIIOC-228
			14:50-15:00	THERMO-MECHANICAL BEHAVIOUR OF LIGHTWEIGHT PRECAST SANDWICH PANEL INCORPORATED WITH SOLID WASTE – AN EXPERIMENTAL INVESTIGATION	Shubham Semwal,Abhilasha Prajapati ,Rajesh Kumar, Sachin Kashyap, R.Siva Chidambaram, Gunjan Joshi	SIIOC-242
			15:00-15:10	EFFECTIVE UTILIZATION OF DOLOMITE POWDER IN ALKALI ACTIVATED FLYASH BASED MASONRY UNITS.	Pooja Kumble,Shreelaxmi Prashanth	SIIOC-259
			15:10-15:20	CERTIFICATE DISTRIBUTION		
2.3	GEOTECHNICAL AND EARTHQUAKE ENGINEERING	LH1,LHC-C	14:00-14:10	LANDSLIDE HAZARD MAPPING OF WAYANAD DISTRICT OF KERALA, ACCOUNTING FOR TEMPORAL PROBABILITY OF RAINFALL	Shamla D S,Ardra S,Tsewang Stanzin, Deekshitha Dev, Adarsh S, Muhammed Siddik A	SIIOC-273
			14:10-14:20	NUMERICAL INVESTIGATION OF LATERAL BEHAVIOR OF SINGLE PILES ON SLOPING GROUND USING PLAXIS 3D	Vivek Dwivedi,Manendra Singh	SIIOC-312
			14:20-14:30	NUMERICAL STUDY ON STABILITY OF VERTICAL CUTS RETAINED BY SOIL NAILING	AMRITA,B. R. Jayalekshmi,R. Shivashankar	SIIOC-359
			14:30-14:40	STABILIZATION OF BLACK COTTON SOIL BY USING CALCIUM CARBIDE WASTE AND BAGASSE ASH.	Animesh Mahavir Devgire,Avinash Rakh,Rajshekhar Rathod	SIIOC-376
			14:40-14:50	BEHAVIOUR OF PALM OIL FUEL ASH STABILIZED RESIDUAL SOIL	KRISHNAPRIYA P K,Dr. Salini U	SIIOC-384
			14:50-15:00	A STUDY ON THE EFFECT OF KINEMATIC SOIL-STRUCTURE INTERACTION FROM RECORDED STRONG MOTION DATA	Sneha P S,Radhika Nair N J,B R Jayalekshmi	SIIOC-400
			15:00-15:10	EFFECT OF HIGH TEMPERATURE ON THE ULTRASONIC WAVE VELOCITY OF TWO SANDSTONE WITH DIFFERENT GRAIN SIZES	Venilla Manikanta,, Haseeb Hasainar,Nihal K Badiger, Vishudh Kothari, Adarsh Bhat,Vinoth Srinivasan	SIIOC-425
			15:10-15:20	SEISMIC SLOPE STABILITY ANALYSIS USING PSEUDO-STATIC APPROACH	Priya Mishra,Katta Venkataramana	SIIOC-080
			15:20-15:30	CERTIFICATE DISTRIBUTION		
	CIVIL ENGINEERING		14:00-14:10	LABORATORY INVESTIGATION OF SUPERPAVE MIXTURES WITH COCONUT SHELL ASH AS FINE AGGREGATE REPLACEMENT	Yatish R G ,Soumya Otageri, A. U. Ravi Shankar, Raviraj H M	SIIOC-137
			14:10-14:20	UTILIZATION OF KOTA STONE DUST AND FLY ASH IN SUBGRADE STABILIZATION FOR COASTAL ROAD	Akshay Kumar Sutariya ,Mohammed Islamuddin Faraz,Dr. Rakesh Kumar	SIIOC-139
			14:20-14:30	FRACTURE STUDIES ON MIXES PREPARED WITH RECLAIMED ASPHALT PAVEMENT'S AGGREGATES (RAP) AND INCLUSION OF FIBERS	Pranav.J ,K.RAVINDRA BABU,G.SANJAY, L.SRAVANTHI,T.SRILAXMI	SIIOC-142
			14:30-14:40	ROAD MATERIAL IDENTIFICATION AND CONDITION ASSESSMENT USING FIELD SPECTROMETER	Hemang Dalwadi ,Dr Parul Patel	SIIOC-148

2.4	TRANSPORTATION	CR1,LHC-C	14:40-14:50	EARTHEN ROAD PERFORMANCE ENHANCEMENT – BIO-ENZYME APPROACH	Sumanth S ,Prajwalsagar G D,Punith gowda.R, Tejas.S, Surya prasad S.A	SIIOC-160
			14:50-15:00	RELIABILITY ANALYSIS FOR EVALUATION OF PAVEMENT PERFORMANCE FOR INCREASING TRAFFIC GROWTH	Gagan C N ,Raghu S,Lavanya A C, Nisha R, Punith B. Kotagi, Naveen B.O.	SIIOC-177
			15:00-15:10	MECHANICAL AND DURABILITY PROPERTIES OF BAGASSE ASH BASED FIBER REINFORCED CONCRETE	Panditharadhya B J,Raviraj H Mulangi,A U Ravi Shankar	SIIOC-412
			15:10-15:20	EXPERIMENTAL INVESTIGATIONS ON RED SOIL STABILIZED WITH GROUND GRANULATED BLAST FURNACE SLAG FOR PAVEMENT APPLICATIONS	Panditharadhya B J,Soundarya J	SIIOC-413
			15:20-15:30	CERTIFICATE DISTRIBUTION		
2.5	ENVIRONMENTAL ENGINEERING	LH6,LHC-C	14:00-14:10	BIO-RACK SETTLER FOR TREATMENT OF DOMESTIC WASTEWATER	Santosh Sunil Patil,Dr. Guru R. Munavalli	SIIOC-366
			14:10-14:20	DOMESTIC WASTEWATER TREATMENT BY TOWERY BIO-RACK CONSTRUCTED WETLAND	Aappasaheb Gujar,Guru Munavalli	SIIOC-367
			14:20-14:30	COMPREHENSIVE CHARACTERIZATION OF ARECA NUT HUSK FOR BIOENERGY PRODUCTION	Sayuj T,Dr Vasudeva M,Sayuj T ,Dr Vaudeva M, Nirmal Chacko P	SIIOC-221
			14:30-14:40	REUSE OF TREATED EFFLUENT FROM DESICCATED COCONUT PROCESSING INDUSTRY FOR DOMESTIC AND IRRIGATIONAL USE	Sanketh Makanur,Anshika Mishra,Sughosh P, Nausha Shetty, Amar Mohan Shinde.	SIIOC-303
			14:40-14:50	FEASIBILITY OF INTEGRATING BAPV FAÇADE WITH VERTICAL LANDSCAPING FOR A HOSTEL BUILDING IN TIRUCHIRAPPALLI	Somesh S,Soorya S,Amalan Sigmund Kaushik S	SIIOC-320
			14:50-15:00	TOXICITY ANALYSIS OF TREATED PAINT WASTEWATER BY ADVANCED OXIDATION PROCESS USING BACILLUS SUBTILIS AS AN INDICATOR.	Surya Nair K,Basavaraju Manu,Adani Azhoni	SIIOC-049
			15:00-15:10	ANALYSIS OF LAND USE LAND COVER CHANGE DETECTION USING REMOTELY SENSED DATA FOR KALI RIVER BASIN	Sreejith,G. Praveen Kumar,Dr. G.S Dwarakish	SIIOC-399
			15:10-15:20	MAPPING OF 2018 FLOOD AND ESTIMATION OF FUTURE FLOOD INUNDATION REGION FOR VEMBANAD LAKE SYSTEM IN KERALA, INDIA USING SENTINEL-1 SAR IMAGERY	Parthasarathy K S S,Subrahmanya Kundapura	SIIOC-036
			15:20-15:30	CERTIFICATE DISTRIBUTION		
2.6	TRANSPORTATION ENGINEERING	LH2,LHC-C	14:00-14:10	VISSIM BASED ANALYSIS ON CONGESTED ROAD CORRIDORS	Rakshitha S ,Dr Vinay A	SIIOC-182
			14:10-14:20	FLY-ASH BASED RAGCP PAVR BLOCKS FOR MODERATE TRAFFIC VOLUME ROADS	Supriya C B ,Prakash J	SIIOC-194
			14:20-14:30	ANALYTICAL STUDY OF LOW-SPEED OPEN CIRCUIT WIND TUNNEL USING ANSYS FLUENT	ROHIN ASHVIJ V. A. ,Balaji N. C.	SIIOC-211
			14:30-14:40	SUSTAINABLE APPROACH ON CONCRETE PAVERS WITH PARTIAL REPLACEMENT OF SUGAR CANE BAGASSE ASH FOR CEMENT AND FOUNDRY SAND FOR FINE AGGREGATES	Swathi Rani K S ,Mukesh M S,SACHIN M, NIKITHA M, YUGAPURUSH M RAJU, HARSHITA S R ,DEVIKIRAN A ,NITISH KRISHNA	SIIOC-213
			14:40-14:50	REKINDLING PUBLIC PRIVATE PARTNERSHIP IN INDIAN ROAD INFRASTRUCTURE	Chanakuppa Anil kumar ,Dr. Abhay G Tawalare,	SIIOC-260
			14:50-15:00	DEVELOPING A SYSTEM MODEL FOR DESIGN OF ROUNDABOUTS	Deepa Chavan ,Sagar Sonawane,Rajshekhar Rathod	SIIOC-270
			15:00-15:10	TRAFFIC LOAD ANALYSIS AND ITS EFFECT ON PAVEMENT MAINTENANCE USING WEIGH-IN-MOTION DATA	Yamini Khodaskar ,Rajshekhar Rathod,Sagar sonawane	SIIOC-271
			15:10-15:20	BLACK COTTON SOIL STABILIZATION BY USING BIO-ENZYME AND MARBLE DUST POWDER FOR PAVEMENT SUB-GRADE	Aishwarya P Gayakwad ,Rajshekhar Rathod,Sagar Sonawane	SIIOC-274
			15:20-15:30	CERTIFICATE DISTRIBUTION		
			15:30-15:50	TEA BREAK		
3.1	STRUCTURAL ENGINEERING	CR5,LHC-C	15:50-16:00	FROM BROWN EARTH TO GREEN BRICKS - A CRITICAL ANALYSIS OF STABILIZED MUD BLOCKS FOR SUSTAINABLE CONSTRUCTION	Kandasamy. A,Priya Rachel. P,	SIIOC-267
			16:00-16:10	MODELLING AND ANALYSIS OF PLATES UNDER SIMULATED DAMAGE USING FEM	Radhe Yassung,Parikshit Roy,Neetika Saha, Dr. Pijush Topdar	SIIOC-272
			16:10-16:20	POTENTIAL OF RICE HUSK ASH IN ALKALI ACTIVATED BINDERS: A REVIEW	VINU VIJAYAN,DEEPA G NAIR	SIIOC-286
			16:20-16:30	POSITIONING AND QUANTIFICATION OF CRACKS BY SENSORS USING ALGORITHMS	Mrs. Arpitha Gowda S L,Ananya H,B Pradeep Kumar, Chethan D L , P Advith Gowda	SIIOC-315
			16:30-16:40	CHARACTERIZATION OF HIGH TEMPERATURE PYROLYSIS OF POLYPROPYLENE PLASTIC WASTE	T Gopikrishnan Kailas,Saikat Dutta,Vasudeva Madav	SIIOC-319
			16:40-16:50	SEISMIC FRAGILITY ESTIMATES THROUGH TIME HISTORY METHOD AND RE-ENTRANT CORNER BUILDINGS WITH SOIL STRUCTURE INTERACTION	Naveenkumar	SIIOC-433
			16:50-17:00	GRAPHENE REINFORCEMENT IN CEMENTITIOUS MATERIALS: A COMPREHENSIVE REVIEW OF MECHANICAL AND DURABILITY PROPERTIES	Mr.Malaiappan Sindhu Muthu,Dr. Mallikarjun Perumalla	SIIOC-351
			17:00-17:10	CERTIFICATE DISTRIBUTION		
3.2	CONCRETE TECHNOLOGY	SEMINAR HALL,LHC-C	15:50-16:00	A REVIEW ON COMPRESSIVE STRENGTH AND THERMAL CONDUCTIVITY OF GEOPOLYMER CONCRETE INCORPORATED WITH RECYCLE AND EXPANDED CLAY AGGREGATES.	Mandeep Singh,Khushpreet Singh	SIIOC-266
			16:00-16:10	GEOPOLYMER FLY ASH FINE AGGREGATE AS A PATIAL REPLACEMENT TO M-SAND IN MORTAR	RUSNA K.P,KALPANA V.G.	SIIOC-293
			16:10-16:20	AFFORDABLE SOLID BLOCK (SB) USING INDUSTRIAL WASTE FLY ASH BINDER AND FERROCHROME SLAG FINE AGGREGATE	Manigandan N,Ponmalar V	SIIOC-294
			16:20-16:30	AN EXPERIMENTAL INVESTIGATION ON LEGO BLOCKS USING INDUSTRIAL AND AGRICULTURAL WASTE	VIIR VIAAN KOGALII,LAKSHMAN G ,YASHWANTHA K P, VARUN KUMAR G C	SIIOC-305
			16:30-16:40	RHEOLOGICAL AND MECHANICAL PROPERTIES OF SELF-COMPACTING CONCRETE UNDER PARTIAL REPLACEMENT OF MARBLE SLURRY AND FLY ASH	Piyush Verma,Rajesh Kumar ,Snigdhajit Mukherjee, Mahesh Sharma	SIIOC-306
			16:40-16:50	INVESTIGATION OF BOND STRENGTH OF STEEL REBARS IN CONCRETE	Krishnaveni S,Senthil Rajendran	SIIOC-350
			16:50-17:00	EXPERIMENTAL INVESTIGATION OF MECHANICAL AND FAILURE ANALYSIS OF BANANA STEM FIBER IN CONCRETE	POOJA DAMODARAN,LAKSHMI THANGASAMY	SIIOC-406
			17:00-17:10	EFFECT OF HEATING AND FLUID SATURATION ON CERTAIN PHYSICO-MECHANICAL PROPERTIES OF CONCRETE	Imtiaz Abdul Gafur,Arjun Anilkumar ,Abhay Narendranath Parappalli,Vinoth Srinivasan	SIIOC-421
			17:10-17:20	CERTIFICATE DISTRIBUTION		
3.3	LAND AND EARTHQUAKE ENGINEERING	LH1,LHC-C	15:50-16:00	OFFSHORE WIND TURBINE SUCTION CAISSON FOUNDATION SUBJECTED TO CYCLIC WAVE LOADINGS & EARTHQUAKE LOADINGS: NUMERICAL SIMULATIONS	SUBODH KUMAR ,Subodh Kumar, Babloo Chaudhary, Manu K Sajjan, Akarsh P K, Babita sah	SIIOC-166
			16:00-16:10	A COMPARATIVE STUDY ON ANALYSIS OF PILED SLOPE WITH SINGLE ROW PILE USING 3-D AND 2-D FINITE ELEMENT METHOD.	DANI JOSE,Dr. SREEVALSA KOLATHAYAR,Prof. SITARAM NAYAK	SIIOC-378
			16:10-16:20	SEISMIC ANALYSIS OF PILED RAFT FOUNDATIONS IN MID-RISE BUILDINGS ON SOFT SOIL	Amalu P A,B R Jayalekshmi	SIIOC-298
			16:20-16:30	NONLINEAR SEISMIC RESPONSE ANALYSIS OF MIDRISE RC BUILDINGS FOUNDED ON SOFT SOIL	Merin Mathews,Jayalekshmi B.R.,Katta Venkataramana	SIIOC-299
			16:30-16:40	EVALUATION OF OPTIMUM THICKNESS OF CUSHION IN UNCONNECTED PILED RAFT FOUNDATION SUPPORTING A BUILDING FRAME	Vinoda Krishna S,Prof. B.R Jayalekshmi	SIIOC-364
			16:40-16:50	NUMERICAL ANALYSIS OF A RECTANGULAR BASE ISOLATED LIQUID STORAGE TANKS	pranitha jogi,B R Jayalekshmi	SIIOC-369

	GEOTECHNICAL		16:50-17:00	ESTIMATION OF SEISMICITY PARAMETERS FOR ANDHRA PRADESH AND TELANGANA	Moturi Sai Ashrith,Manjunath Shankarsa Bakale,Dr Sreevalsa Kolathayar	SIIOC-130
			17:00-17:10	PERFORMANCE EVALUATION OF STONE COLUMN REINFORCED SHEDI SOIL	Dr. Vibhoosha M P,Dr. Anjana Bhasi,Dr. Sitaram Nayak	SIIOC-093
			17:10-17:20	CERTIFICATE DISTRIBUTION		
3.4	TRANSPORTATION ENGINEERING	CR1,LHC-C	15:50-16:00	A TWO-CLASS CONTINUUM TRAFFIC FLOW MODEL CONSIDERING THE DISORDERED BEHAVIOR AT NODES	Preetha Nair ,Dr. Sreekumar M.,M. N. Abhiram Naidu	SIIOC-277
			16:00-16:10	EFFECTIVENESS OF COIR GEOCELL FOR REINFORCING BASE COURSE	Mahima Babu K C ,SALINI U,SWATHY PUSHPAN	SIIOC-278
			16:10-16:20	A CASE STUDY REPORT ON FOUR-LANING NATIONAL HIGHWAY PROJECT OF BENGALURU-MANGALURU FROM KM.270+270 (PERIYA SHANTHI) TO KM.318+755 (BANTWAL) SECTION	Marella Srinivas ,Kumar Akshay,Dhevguru Marella,Chaitanya Sinha	SIIOC-285
			16:20-16:30	MICROSIMULATION MODELING IN VISSIM ON EFFECTS OF TRAFFIC CONGESTION DUE TO CONSTRUCTION OF FLYOVER ON SINHAGAD ROAD	Aishwarya V Desai ,Rajshekhar Rathod,Sagar Sonawane	SIIOC-289
			16:30-16:40	AN INTRINSIC SMART SELF SENSING PAVER BLOCK USING CARBON NANO BLACK	Kousalya Ramachandran ,Dr. Ponmalar. V	SIIOC-300
			16:40-16:50	STUDY ON PLATOON DISPERSION AT SIGNALIZED INTERSECTION IN HETEROGENEOUS TRAFFIC CONDITION	Harsha M M ,Siddarth N H	SIIOC-302
			16:50-17:00	USE OF GLASS & RUBBER WASTE AS A PARTIAL REPLACEMENT TO THE AGGREGATES FOR ASPHALT CONCRETE	Aditya Vikram Gaikwad ,Sagar Sonawane,Rajshekhar Rathod	SIIOC-307
			17:00-17:10	STUDY THE EFFECT OF STEEL SLAG, FOR THE PARTIAL REPLACEMENT OF COURSE AGGREGATE IN THE PAVEMENT DESIGN	Abhinav Sunil Harpale ,Rajshekhar Rathod,Sagar Sonawane	SIIOC-309
			17:10-17:20	CERTIFICATE DISTRIBUTION		
3.5	TRANSPORTATION ENGINEERING	LH6,LHC-C	15:50-16:00	SERVICEABILITY PERFORMANCE OF DAPODI-NIGDI ROAD.	Samradni S Mulay ,Prof. Sagar K Sonawane,Prof. Achyut A Deshmukh	SIIOC-323
			16:00-16:10	APPLICATION OF BUILDING CONSTRUCTION AND DEMOLITION WASTE AS GEOCELL-INFILL MATERIAL IN PAVEMENTS	Priyanshu Vadodariya ,Dr. Uma Chaduvula,Dr. Ayyanna Habal	SIIOC-325
			16:10-16:20	FACTORS INFLUENCING POST ENCROACHMENT TIME OF ROAD CROSSING PEDESTRIANS NEAR BUS STOPS LOCATED IN MID-BLOCK SECTIONS	Ajay krishnan M J ,Sethulakshmi G,Mithun Mohan	SIIOC-335
			16:20-16:30	LABORATORY STUDY ON WARM-STONE MATRIX ASPHALT (W-SMA) MIX PREPARED USING NON-CONVENTIONAL FIBERS	Ashik Bellary ,Rohini Patil,Soniya Honnihalli, Shashidhar Kadli	SIIOC-341
			16:30-16:40	EXPERIMENTAL INVESTIGATION ON HIGH-RAP MIXES	Nidhi Jariwala ,Dr. Ayyanna Habal,Nakul Hadiya	SIIOC-345
			16:40-16:50	LABORATORY EVALUATION OF PERFORMANCE OF PAVEMENT QUALITY CONCRETE SPECIMENS PREPARED USING HYBRID FIBERS	Ashik Bellary ,Rakshita Naik,Ramu Waddar, Parvati Patil	SIIOC-352
			16:50-17:00	VISUALISATION AND ASSESSMENT OF SEASONAL VARIATIONS IN BUS PASSENGER MOBILITY PATTERN	Nithin K Shanthappa ,Dr. Raviraj H Mulangi,Rishabh Sharma, Himangshu Baishya, Prateek Panth, MD Mohtashim	SIIOC-328
			17:00-17:10	PLANNING OF PARKING AND MOBILITY SERVICES FOR MIT ADT UNIVERSITY CAMPUS, PUNE	Sourabh Shankar Chougule ,Satish B Patil,Rajshekhar Rathod	SIIOC-396
			17:10-17:20	CERTIFICATE DISTRIBUTION		
DAY-2(21-04-2023)						
4.1	STRUCTURAL ENGINEERING	CR5,LHC-C	09:00-09:10	TOPOLOGY OPTIMIZATION OF CONCRETE BEAM USING HIGHER ORDER FINITE ELEMENTS	Resmy V R,Rajasekaran C	SIIOC-428
			09:10-09:20	PSEUDO-DYNAMIC ANALYSIS OF GRAVITY MASONRY DAMS	Shalini S,Malyala Ajay Kumar,Dr. Pavan G S	SIIOC-282
			09:20-09:30	EFFECTIVE ELASTIC PROPERTIES OF 2D C/C COMPOSITES	Vishnu O S,G S Pavan	SIIOC-284
			09:30-09:40	DECONVOLUTION OF EARTHQUAKE GROUND MOTIONS FOR DYNAMIC ANALYSIS OF MASONRY GRAVITY DAMS	Udit Singhal,Dr. Pavan G S	SIIOC-287
			09:40-09:50	MESHFREE METHODS IN COMPUTATIONAL MECHANICS- STATE OF THE ART	Kichu Paul,K.S. Babu Narayan	SIIOC-089
			09:50-10:00	DYNAMIC RESPONSE ANALYSIS OF LIQUID STORAGE TANKS USING COUPLED ACOUSTIC STRUCTURAL APPROACH	P Giridhara Rama Chandra Vara Prasadu,Jogi Pranitha,B. R. Jayalekshmi	SIIOC-334
			10:00-10:10	AN INVESTIGATION INTO THE EFFECT OF SOIL TYPES AND SEISMIC ZONES OF ELEVATED WATER TANK ON THE RESPONSE REDUCTION FACTOR	Jasmine A Rahman,Rameesha T.V	SIIOC-016
			10:10-10:20	CERTIFICATE DISTRIBUTION		
4.2	CONCRETE TECHNOLOGY	SEMINAR HALL,LHC-C	09:00-09:10	STUDY ON DEVELOPMENT OF FRC AND ITS APPLICATION	Mrs Archana K., Dr. Deepak M.S ,Bharath Singh B.D , Deepthi B R , Harsh Vardhan Kumar , Shaik Arshiya Sadaf	SIIOC-414
			09:10-09:20	ASSESSMENT OF IONIC COMPOSITION OF FRESH CEMENT BLENDS SYSTEM WITH ADDITION OF SCMS AND CONDUCTIVE MATERIALS.	NALLA RAKESH KUMAR,Arjun S ,Palanisamy. T	SIIOC-064
			09:20-09:30	PERFORMANCE OF ALTERNATE SUPERPLASTICIZERS ON PERFORMANCE OF SELF COMPACTING GEOPOLYMER MORTARS – AN EXPERIMENTAL STUDY	Gundupalli Bhanu Prakash,Kaku Mahendra ,Lankireddy Tanush, Mattur C Narasimhan	SIIOC-204
			09:30-09:40	FEASIBILITY STUDY ON INCORPORATING WASTE BADMINTON STRING FIBERS IN CONCRETE.	Kumaresan M,Sindhu Nachiar S ,Anandh S	SIIOC-215
			09:40-09:50	MECHANICAL STRENGTH PROPERTIES OF FLY ASH/SLAG BASED ONE-PART GEOPOLYMER MORTARS	Anil Sagar Srinivasa,K Swaminathan ,Subhash C Yaragal	SIIOC-402
			09:50-10:00	SHEAR STRENGTH CHARACTERISTICS OF ONE-PART ALKALI-ACTIVATED CONCRETE MIXES	Kaku Mahendra,Gundupalli Bhanu Prakash ,Shreyas Shetty, Mattur C Narasimhan	SIIOC-391
			10:00-10:10	A CRITICAL REVIEW ON EFFECT OF ELEVATED TEMPERATURE ON GEO POLYMER CONCRETE	Vinod B R,Basavana Gowda S N ,Anil Sagar Srinivasa, Rakesh Kumar Reddy, Subhash C Yaragal	SIIOC-343
			10:10-10:20	LABORATORY STUDIES ON DEVELOPMENT OF ONE-PART GEOPOLYMER MORTAR USING FERROCHROME ASH AS BINDER MATERIAL	Vutukuru Chakradhar Reddy,Purushotham SP ,Anil Sagar Srinivasa, K Swaminathan, Subhash C Yaragal	SIIOC-322
			10:20-10:30	CERTIFICATE DISTRIBUTION		
4.3	ACTION ENGINEERING	LH1,LHC-C	09:00-09:10	EVALUATION OF STEEL SLAG AGGREGATES AS A SUBSTITUTE FOR NATURAL AGGREGATES IN ASPHALT PAVEMENTS	Nakul Hadiya ,Nidhi Jariwala,Dr. Tejas Thaker	SIIOC-371
			09:10-09:20	TRAVEL DECISIONS AND EXPERIENCES OF BUS PASSENGERS DURING EXTREME RAINFALL CONDITIONS	Nithin K Shanthappa ,Dr. Raviraj H Mulangi,Abhishek Kumar	SIIOC-331
			09:20-09:30	COMPARISON OF VOLUMETRIC PROPERTIES AND STABILITY OF ASPHALT MIXES WITH SHREDDED WASTE PLASTIC AND RICH MIXES	Soumya Otageri ,Doma Hemanth Kumar,Raviraj H M, A U Ravi Shankar	SIIOC-248
			09:30-09:40	DEVELOPMENT AND COMPARISON OF DEEP LEARNING AND STATISTICAL MODELS TO PREDICT BUS PASSENGER FLOW	Nithin K Shanthappa ,Dr. Raviraj H Mulangi	SIIOC-329
			09:40-09:50	UTILIZATION OF RECYCLED CONCRETE AGGREGATES PROCESSED USING BALL MILLING METHOD IN CEMENT-TREATED BASES FOR PAVEMENTS	Kondeti chiranjeevi ,Doma Hemanth Kumar,Annepu Jeevan Kumar, Nerella Dheva Shankar Thapas, A U Ravi Shankar	SIIOC-393

	TRANSPORT		09:50-10:00	STANDARDIZING LIDAR SURVEYING PRACTICES FOR ACCURATE AND CONSISTENT DATA COLLECTION: A REVIEW OF CURRENT PRACTICES AND FUTURE DIRECTIONS.	Vishwas A S ,Abhijith P A,Pruthviraj Umesh, K. V. Gangadharan	SIIOC-313
			10:00-10:10	VEHICULAR POLLUTION AND ITS RELATIONSHIP WITH METEOROLOGICAL VARIABLES AT TOLL PLAZA DURING PARYAYA FESTIVAL IN UDUPI, KARNATAKA	Theres Charly,Basavaraju Manu,Raviraj H Mulangi	SIIOC-035
			10:10-10:20	STUDY ON THE EFFECTS OF PAYMENT DELAYS ON ROAD CONTRACTORS USING ANALYTICAL HIERARCHY PROCESS (AHP)	B. Hemanth Sai Kalyan ,S. Anandh,S. Sindhu Nachiar	SIIOC-179
			10:20-10:30	CERTIFICATE DISTRIBUTION		
4.4	STRUCTURAL ENGINEERING	CR1,LHC-C	09:00-09:10	DETECTION AND VISUALIZATION OF CORRODED SURFACES USING MACHINE LEARNING	Shrivathsa B J, Dhanya R, Meghana Nayak, Pavan G S	SIIOC-432
			09:10-09:20	EXPERIMENTAL INVESTIGATION ON THE HEAT DISSIPATION AND POSTFIRE STRUCTURAL PERFORMANCE OF A REINFORCED CONCRETE COLUMN WITH BIOMIMICKED GEOMETRY	M. VISHAL,Dr. K.S. SATYANARAYANAN	SIIOC-025
			09:20-09:30	NUMERICAL AND EXPERIMENTAL INVESTIGATION ON SHAPE OPTIMIZATION OF COMPRESSION MEMBER MIMICKING HUMAN LEG BONE	Sindhu Nachiar S,Satyanarayanan K S,Anandh S	SIIOC-263
			09:30-09:40	ANN VALIDATION FOR NUMERICAL ANALYSIS OF STEEL CONCRETE COMPOSITE BEAM FOR SHAPE OPTIMIZATION IN WEB OPENINGS	SHEIK MASTAN,ANANDH S,SHEIK MASTAN	SIIOC-265
			09:40-09:50	ESTIMATION OF HIGH FREQUENCY SPECTRAL DECAY PARAMETER IN A HIGH RISE BUILDING FOR EVALUATION OF KINEMATIC SOIL-STRUCTURE INTERACTION	Radhika Nair N J,B R Jayalekshmi	SIIOC-156
			09:50-10:00	A COMPARATIVE STUDY OF DATA DRIVEN MODELS FOR SHEAR STRENGTH PREDICTION OF FRP-RC BEAM USING MACHINE LEARNING TECHNIQUES	Manish Shankarlal Jangid,DR. B. R. JAYALEKSHMI	SIIOC-291
			10:00-10:10	AN ELEMENT FREE GALERKIN (EFG) MESHLESS SOLUTION FOR STATIC ANALYSIS OF FGM PLATES RESTING ON ELASTIC FOUNDATION	N. Indu,K. P. Afsal,K. Swaminathan	SIIOC-115
			10:10-10:20	VIBRATION ANALYSIS OF FGM PLATES RESTING ON ELASTIC FOUNDATIONS IN THERMAL ENVIRONMENT USING ELEMENT FREE GALERKIN (EFG) MESHLESS SOLUTION	K. P. Afsal,N. Indu,K. Swaminathan	SIIOC-111
			10:20-10:30	CERTIFICATE DISTRIBUTION		
			10:30-11:00	TEA BREAK		
		SEMINAR HALL,LHC-C	11:00-11:45	KEYNOTE LECTURE ON DYNAMIC BEHAVIOR OF MASONRY STRUCTURES BY DR. K.S. NANJUNDA RAO, CHIEF RESEARCH SCIENTIST, DEPARTMENT OF CIVIL ENGINEERING, IISc BANGALORE		
		SEMINAR HALL,LHC-C	11:45-12:30	KEYNOTE LECTURE ON HIGHWAY SAFETY DATA ANALYSIS BY PROF. M V L R ANJANEYULU, PROFESSOR, DEPARTMENT OF CIVIL ENGINEERING, NIT, Calicut		
			12:30-13:30	LUNCH BREAK		
		SEMINAR HALL,LHC-C	13:30-14:15	KEYNOTE LECTURE ON SELF HEALING CONCRETE BY PROF.KEVIN PAINE, PROFESSOR,UNIVERSITY OF BATH,UK		
		SEMINAR HALL,LHC-C	14:15-15:00	KEYNOTE LECTURE ON 'EFFICIENT WATER-ELECTROLYSIS MODELING FOR ENERGY TRANSITION WITH LOW-COST HYDROGEN H2' BY PROF. FADI ALDAKHEEL, PROFESSOR OF HIGH-PERFORMANCE-COMPUTING, Leibniz Universität Hannover		
			15:00-15:30	VALEDICTORY FUNCTION		
			15:30-16:00	HIGH TEA		