

**INTERNATIONAL CONFERENCE ON
SUSTAINABLE INFRASTRUCTURE: INNOVATIONS, OPPORTUNITIES AND CHALLENGES-2024 (SIIOC-2024)**

CONFERENCE SCHEDULE (OFFLINE MODE)

SESSION	HALL	TIME	TITLE	AUTHORS	ABSTRACT ID
DAY-1(30-04-2024)					
		08:30-09:30	REGISTRATION		
	SEMINAR HALL,LHC-C (GROUND FLOOR)	09:30-10:30	INAUGURATION		
		10:30-11:00	HIGH TEA		
	SEMINAR HALL,LHC-C (GROUND FLOOR)	11:00-11:40	KEYNOTE LECTURE ON ' DIGITALISATION WITH DATA DRIVEN METHODOLOGIES IN GEOTECHNICAL ENGINEERING ' BY PROF. SIAU CHEN CHIAN DARREN, DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING, NATIONAL UNIVERSITY OF SINGAPORE		
	SEMINAR HALL,LHC-C (GROUND FLOOR)	11:40-12:20	KEYNOTE LECTURE ON ' GEOTECHNICAL ENGINEERING AND SUSTAINABILITY ' BY AMARNATH HEGDE, IIT DHARWAD		
	SEMINAR HALL,LHC-C (GROUND FLOOR)	12:20-13:00	KEYNOTE LECTURE ON ' ADVANCED DEEP FOUNDATION TESTING FOR MANAGING RISKS & SUSTAINABILITY WITH CASE STUDIES ' BY DR. C R PARTHASARATHY, SARATHY GEOTECH PRIVATE LTD		
SESSION No.		13:00-14:00	LUNCH BREAK		
1.1	SEMINAR HALL,LHC-C (GROUND FLOOR)	14:00-14:10	DYNAMIC BEHAVIOR OF BOX TYPE SCALED STABILIZED EARTH AND FIRED CLAY BLOCK MASONRY BUILDING MODELS	PROF. K S NANJUNDA RAO	SIIOC-383
		14:10-14:20	APPLICATION OF BAMBOO AS A THERMAL INSULATING MATERIAL IN BUILDING FACADE	MR. NIKHILESH M SOUNDATTIKAR,DR. SATISH. B. PATIL	SIIOC-23
		14:20-14:30	A REVIEW OF THE INFLUENCE OF FIBRES ON THE FRACTURE PROPERTIES OF SUSTAINABLE GEOPOLYMER CONCRETE	ILAMARAN R,SHIMOL PHILIP,NIDHI M	SIIOC-33
		14:30-14:40	MECHANICAL CHARACTERISTICS OF GEOPOLYMER CONCRETE WITH VARYING MOLARITIES	AKASH BABU L A,MOHIYUDDIN C S,AMRUTH R NAIK , SADATH ALI KHAN ZAI	SIIOC-39
		14:40-14:50	WATER MEASUREMENT AND SUITABILITY ASSESSMENT FOR CONSTRUCTION: ENSURING QUALITY AND EFFICIENCY	DHAVALA S,LIKHITHA H	SIIOC-40
		14:50-15:00	A NOVEL HYBRID MODEL FOR PREDICTING STRENGTH CHARACTERISTICS IN FIBRE-REINFORCED GEOPOLYMER CONCRETE BASED ON EXTREME GRADIENT BOOSTING AND PARTICLE SWARM OPTIMIZATION	SHIMOL PHILIP ,NIDHI M	SIIOC-6

		SEMIN	15:00-15:10	COMPARISON OF EMBODIED ENERGY OF TRADITIONAL LIME MORTAR AND CEMENT BASED MORTARS	JAHNAVI S,MANJULA R,LAHARI H, DHANALAKSHMI S, A. MAHANTHESH, K. GOURAV	SIIOC-51
			15:10-15:20	USE OF SAND-RUBBER MIXTURE FILLED TRENCHES TO SCREEN GROUND VIBRATION GENERATED BY CONSTRUCTION ACTIVITIES: A NUMERICAL STUDY	MADHURI SHINDE,SREYASHRAO SURAPREDDI,DR. MRS. R. S. DALVI	SIIOC-56
			15:20-15:30	CERTIFICATE DISTRIBUTION		
1.2		CR1,LHC-C (GROUND FLOOR)	14:00-14:10	A SUSTAINABLE APPROACH OF GROUND IMPROVEMENT TECHNIQUE USING GEOGRID ENCASED STONE COLUMN FILLED WITH COCONUT SHELL CHIPS - AN EXPERIMENTAL STUDY	MRS. LIKHITHA H,POORNIMA S,SURAKSHA P GOWDA , BHUVAN GOWDA B R, RAKSHITH S NAYAK	SIIOC-45
			14:10-14:20	PREDICTION OF SOAKED CBR FOR STABILIZED BLACK COTTON SOIL BY ARTIFICIAL NEURAL NETWORK MODELLING	OMSHREE SUSHEELKUMAR PAI,MUTTANA S BALREDDY	SIIOC-66
			14:20-14:30	GEOTECHNICAL INVESTIGATIONS AND NUMERICAL ANALYSIS OF SURFACE SETTLEMENT BY VARYING C/D RATIO OF TWIN METRO TUNNEL USING MIDAS SOFTWARE (2D STRAIN ANALYSIS)	ABHISHEK SURESH VASAVE,YASHWANT APPARAO KOLEKAR	SIIOC-80
			14:30-14:40	SOIL SELECTION CRITERIA AND STABILIZATION TECHNIQUES FOR RAMMED EARTH CONSTRUCTION: A COMPREHENSIVE REVIEW	ABHIRAMI SURESH,DR. DEEPA G NAIR	SIIOC-110
			14:40-14:50	STUDY OF EROSION CONTROL EFFICIENCIES OF DIFFERENT PLANTS	RINITHA P,LINCY N ,ANAMIKA K, MUHAMMED RIZWAN, ANAGHA RAJ K	SIIOC-84
			14:50-15:00	STUDY OF VARIATION IN DIFFERENT PARAMETERS ON STABILITY OF EARTHEN DAM	AVANTIKA BAGDE,K. A. PATIL	SIIOC-86
			15:00-15:10	ADVANCEMENT IN SUBSURFACE CHARACTERIZATION FOR TRANSPORTATION GEOTECHNICS: A COMPREHENSIVE REVIEW OF INTEGRATED ELECTRICAL AND SEISMIC GEOPHYSICAL METHODS.	SHASHANK B. VAIFAL,DR. SARIPUT M. NAWGHARE	SIIOC-88
			15:10-15:20	LANDSLIDE SUSCEPTIBILITY MAPPING USING ANALYTICAL HIERARCHY PROCESS IN DAKSHINA KANNADA DISTRICT, KARNATAKA, INDIA	ADITYA S,DODAMANI B M,SUNIL B M	SIIOC-109
			15:20-15:30	CERTIFICATE DISTRIBUTION		
			1.3		CR4,LHC-C (FIRST FLOOR)	14:00-14:10
14:10-14:20	WIND AND SEISMIC RESPONSE ANALYSIS OF CABLE STAYED BRIDGE – A CASE STUDY	GAGANA P				SIIOC-213
14:20-14:30	UTILIZATION OF INDUSTRIAL WASTE SULPHUR IN PRODUCTION OF SULPHUR INFILTRATED CONCRETE (SIC)	GAYATRI HARSHAL PATHAK, SHRIKANT CHARHATE				SIIOC-386
14:30-14:40	FEASIBILITY STUDY ON GLASS POLISHING WASTE STABILIZED MUD BLOCKS WITH CEMENT AS PRIMARY BINDER	PRANAMYA K,PAVAN G S				SIIOC-320
14:40-14:50	RAINFALL PREDICTION FOR SOLAPUR CITY (MAHARASHTRA STATE) USING ARTIFICIAL NEURAL NETWORKS (ANN)	DR. V. K. PATKI, SHOAB SAYYAD, SOURAV PAWAR, DR.SHRIKANT JAHAGIRDAR,PROF GIRISH KULKARNI, PRAVIN PAWAR, KARTIK SHINDE,ONKAR BOMANE,AYAN NADAF				SIIOC-379
14:50-15:00	FLY ASH AMENDED NOVEL LIGHT WEIGHT CONSTRUCTION BRICKS	PROF GIRISH KULKARNI, DR SHRIKANT JAHAGIRDAR, DR V K PATKI, DR S B MORE				SIIOC-360
15:00-15:10	A REVIEW OF CYCLIC SIMPLE SHEAR TESTS ON SOIL: CORRELATION OF DYNAMIC PROPERTIES & RELATIVE COMPACTNESS	GIRISH S. GAIKWAD, DR. SARIPUT M. NAWGHARE				SIIOC-82
15:10-15:20	DESIGN OF STEEL FOOT OVER BRIDGE - A PROPOSAL	GAGANA P				SIIOC-259
15:20-15:30	CERTIFICATE DISTRIBUTION					

1.4	CR3,LHC-C (GROUND FLOOR)	14:00-14:10	DEVELOPING MATHEMATICAL MODEL FOR OPERATING SPEED ON HORIZONTAL CURVES OF ARTERIAL ROADS	RAGHAVENDRA S SANGANAIAKAR,SANGEETHA C,MOHITH GOWDA M V , DHANRAJ K M, DEVENDRAPPAGOUDA S PATIL	SIIOC-116
		14:10-14:20	CLASSIFICATION OF LONGITUDINAL DRIVING EVENTS USING VEHICLE RESPONSE SIGNALS FOR PROFILING DRIVING BEHAVIOURS	H S KRISHNAKAR,ASHISH KUMAR,ARICHANDRAN R, MITHUN MOHAN	SIIOC-245
		14:20-14:30	DEPENDENCY OF VEHICULAR OPERATING SPEED ON ROAD GEOMETRIC CHARACTERISTICS: A REVIEW	RAGHAVENDRA S SANGANAIAKAR,ANANYA M C,ABDUL GANI, SANIYA S	SIIOC-136
		14:30-14:40	ACCIDENT PREDICTION MODEL FOR HORIZONTAL CURVES ON STATE HIGHWAYS USING SPATIAL VARIATION	SOURABH KUMAR PANDEY,DR. RAVIRAJ H. MULANGI,RAGHAVENDRA S SANGANAIAKAR	SIIOC-142
		14:40-14:50	PERFORMANCE EVALUATION OF CITY CIRCULAR BUS ROUTES OF THIRUVANANTHAPURAM	ANILA CYRIL,VASUDEVAN N	SIIOC-144
		14:50-15:00	PILOT STUDY TO UNDERSTAND SAFE BOARDING AND ALIGHTING OPERATION TIME OF PASSENGERS IN PUBLIC BUS TRANSPORTATION SYSTEM	KARSHAN KANJARIYA ,DR. SURESHA S.N.	SIIOC-145
		15:00-15:10	INVESTIGATING THE EFFECTS OF FIBER INCORPORATION AND PARTIAL REPLACEMENT OF AGGREGATES WITH RECYCLED MATERIALS ON MARSHALL PROPERTIES OF BITUMINOUS CONCRETE MIXTURES	PRAKASH J,DR. B H MANJUNATH,SUPRIYA C B	SIIOC-186
		15:10-15:20	LABORATORY DESIGN AND PERFORMANCE ANALYSIS OF BITUMINOUS MIXES USING RECYCLED ASPHALT PAVEMENT (RAP) FOR SUSTAINABLE GREEN HIGHWAYS	SRINIVAS F CHITRAGAR,AMAN PATIL,MUTTANA BALREDDY	SIIOC-240
		15:20-15:30	CERTIFICATE DISTRIBUTION		
1.5	CR5,LHC-C (FIRST FLOOR)	14:00-14:10	BIOPHILIC DESIGN AND LOW-E WINDOWS: A MODERN APPROACH TO SUSTAINABLE EDUCATIONAL BUILDINGS	HAFEESA HASHIM V ,SANDRA RAJESH ,MUHAMMED ROSHAN AT, SAYANTH CK	SIIOC-59
		14:10-14:20	EFFECT OF BLENDED LIME, NANO-TIO2, AND CERAMIC POWDER ON FLY-ASH-BASED GEOPOLYMER CONCRETE: A REVIEW	S.JOTHIVEL,DR.S. RAHIMA SHABEEN	SIIOC-61
		14:20-14:30	EXPERIMENTAL STUDY ON STRENGTH ASPECT OF RED MUD AND BIO-MEDICAL INCINERATOR WASTE BASED GEOPOLYMER MORTAR	JEEVITHA B,DR. NEETHU URS,PRIYANKA H J	SIIOC-64
		14:30-14:40	OPTIMIZATION OF ONE-PART ALKALI ACTIVATED MORTAR MIXES USING TOPSIS BASED TAGUCHI APPROACH	KAKU MAHENDRA,GUNDUPALLI BHANU PRAKASH,SRIKANTH RATHOD, MATTUR C NARASIMHAN	SIIOC-90
		14:40-14:50	DETECTING AND QUANTIFYING STRUCTURAL DAMAGE WITH SENSOR BASED ALGORITHMS	SAMIDHA DHANAJI GAVADE,ARPITHA GOWDA S L,ABHILASH U , DHANUSH KUMAR A N , HARSHITH N	SIIOC-104
		14:50-15:00	ENHANCING THE CONCRETE PERFORMANCE BY SILICA FUME AND GLASS POWDER-A SUSTAINABLE APPROACH FOR REPLACEMENT OF CEMENT	PRUTHVI VENKATESH,SANDEEP KULKARNI,VIVEKANAND KORISHETTI	SIIOC-112
		15:00-15:10	STRENGTHENING RCC STRUCTURES: OPTIMIZING SEISMIC RESILIENCE THROUGH BRACING AND SHEAR WALL INTEGRATION	VENKATESH WADKI,KIRAN L,VIRESH CHANDANKERI	SIIOC-128
		15:10-15:20	COMPARISON OF PSEUDO-STATIC AND PSEUDO-DYNAMIC ANALYSIS OF MASONRY GRAVITY DAMS	SHASHISHEKAR B S,MANISHA DAMERA ,PAVITHRA REDDY S J , PAVAN G S	SIIOC-315
		15:20-15:30	CERTIFICATE DISTRIBUTION		
		15:30-15:50	TEA BREAK		
		15:50-16:00	HEALTH RISK ASSESSMENT OF HEAVY METALS IN PARTICULATE MATTER AT A TYPICAL TOLL PLAZA	THERES CHARLY, BASAVARAJU MANU, RAVIRAJ H MULANGI	SIIOC-10
		16:00-16:10	RAJARAJESHWARI NAGAR'S SHUDHA JALA RO PLANTS: A STUDY ON WATER QUALITY INDEX (WQI) UNDER BBMP'S SUPERVISION IN WARD NO.160	LIKHITHA H, ANKITHA M, ARJUN N, LEKHAN PAL G, SATHYA NARAYANA E	SIIOC-42

2.1	CR1,LHC-C (GROUND FLOOR)	16:10-16:20	ASSESSING THE QUALITY OF DRINKING WATER FILTERED THROUGH COMMERCIAL FILTERS AND ALSO DESIGNING SUITABLE GRAVITY WATER FILTERS FOR RESIDENTIAL USAGE.	KIRAN KUMAR S, HEMANTH URS R, MAHENDRA N, DHANUSH L AND BALAJI N C	SIIOC-58
		16:20-16:30	THALASSERY'S GREEN LUNG: BUS STAND CUM SHOPPING COMPLEX PROJECT WITH INTEGRATED AIR FILTRATION TECHNOLOGY	RINITHA P, ANJU K, HIBA FATHIMA, DEVANGANA JAYAN, MERIN DANIEL, SREERAG C	SIIOC-76
		16:30-16:40	MARINE WATER QUALITY ASSESSMENT IN MALABAR REGION - KERALA	SISIRA MOHAN , JYOTHIS B, SIVAPRIYA K, INDRAJA C K, SUKANYA P N, MINIMOL PIEUS T	SIIOC-149
		16:40-16:50	A TEMPORAL URBAN AIR QUALITY ASSESSMENT ACROSS DIVERSE ZONES IN AN URBAN SETTING– A CASE STUDY OF BENGALURU CITY	SAMARTH M R, HARSHA M MANJUNATH, VIJAY V NAIR	SIIOC-243
		16:50-17:00	MITIGATING EARTHQUAKE-INDUCED DAMAGES ON FOUNDATION STRUCTURES USING SCRAP TIRE	MANU K SAJAN, BABLOO CHAUDHARY, AKARSH PK, BABITA SAH, SUBODH KUMAR	SIIOC-214
		17:00-17:10	A STUDY ON BENGALURU AIR POLLUTION AND TRAFFIC FLOW CHARACTERISTICS	KUMAR AKSHAY, DR. SURESHA S.N.	SIIOC-370
		17:10-17:20	CERTIFICATE DISTRIBUTION		
2.2	CR3,LHC-C (GROUND FLOOR)	15:50-16:00	FROM POLICIES TO PRACTICE: IMPLEMENTING SUSTAINABLE INFRASTRUCTURE IN INDIA.	DR. H.P. THANU, NITHYASHREE M.C , MODAK C BASAPPA	SIIOC-68
		16:00-16:10	CREATIVE EPOXY RESIN TILE CASTING USING CONSTRUCTION AND DEMOLITION WASTE	MONIKA R, SAILESH S, DR. SOWMYA P T	SIIOC-132
		16:10-16:20	DEVELOPMENT OF KERB STONE BY GREEN CONCRETE WITH COMPLETE REPLACEMENT OF AGGREGATES BY RECYCLED MATERIALS	SUPRIYA C B, DR. B H MANJUNATH, PRAKASH J	SIIOC-185
		16:20-16:30	BIOPHILIC DESIGN AND SUSTAINABILITY	MOHAMMED NISSAR, SHANTHARAM PATIL, M N CHANDRASHEKAR, SAWAN SHETTY	SIIOC-257
		16:30-16:40	STUDY ON MINIMIZING FLOOD IMPACT: A CASE OF MURSHIDABAD, WEST BENGAL, INDIA	AKANSHA OJHA, IPSITAA PRIYADARSINI DAS, RAMNATH NAYAK	SIIOC-271
		16:40-16:50	USE OF LOW COST ECO-FRIENDLY SUSTAINABLE MATERIAL FOR FARM/FISH POND LINER	RAM SWAROOP J, DR. NAGASHREE B	SIIOC-273
		16:50-17:00	DEVELOPMENT OF GREEN CEMENTITIOUS MATRIX SYSTEMS USING WASTE POWDERED EGGSHELL	DR.K.NANDHINI, DR. M. RAMESH KANNAN	SIIOC-280
		17:00-17:10	SEISMIC BEHAVIOR OF SEGMENTAL UNDERGROUND TUNNEL LINING AND THE JOINTS	ABHISH M S, PRASHANTH M H, SANDI KUMAR REDDY	SIIOC-281
		17:10-17:20	CERTIFICATE DISTRIBUTION		
2.3	TINAR HALL,LHC-C (GROUND FLOOR)	15:50-16:00	AN EXPERIMENTAL INVESTIGATION ON THE MIX PROPORTIONS OF GREEN CONCRETE	SUBHASH C YARAGAL, PARAMESHWAR HIREMATH, ROHIT KUMAR PANDEY, AAQIB SEDIQ	SIIOC-316
		16:00-16:10	EFFECT OF IMPERFECTION IN NON-LINEAR STATIC BUCKLING OF LAMINATED COMPOSITE HEXAGONAL PLATE WITH INCORPORATION OF JUTE FIBRES.	SATHWIK C R ,VASANTH KESHAV	SIIOC-153
		16:10-16:20	EFFECT OF BOUNDARY CONDITIONS ON NON-LINEAR STATIC BUCKLING OF LAMINATED COMPOSITE PENTAGONAL PLATE MADE OF ALOE VERA FIBERS.	GOUTHAMRAJ M R,DR. VASANTH KESHAV	SIIOC-155
		16:20-16:30	EFFECT OF PERFORATION ORIENTATION ON THE LOCAL BUCKLING BEHAVIOUR OF PLAIN CHANNEL STUB COLUMNS	ROSEMARY FRANCIS,AMOKE SHABHARI,VIJAYA VENGADESH KUMAR J	SIIOC-162
		16:30-16:40	DEVELOPMENT OF MICRO SILICA BASED CONCRETE	PRANAMIKA R,DR. S. THIRUGNANASAMBANDAM	SIIOC-313
		16:40-16:50	FLEXURAL BEHAVIOR OF RC BEAM USING GFRP STRIPS AS STRENGTHENING MATERIALS: ANALYTICAL WORK.	MR. SAGAR. S,DR. VASANTH KESHAV	SIIOC-173
		16:50-17:00	FEASIBILITY STUDY ON AUGMENTATION OF EXISTING RC BUILDING	YASHAS S,VADIRAJ RAO N R	SIIOC-181
		17:00-17:10	MECHANICAL STRENGTH PROPERTIES OF ONE-PART ALKALI-ACTIVATED CONCRETE – A DOE APPROACH	AMIT KUMAR DAS,KAKU MAHENDRA,KATTA SAI SUBHASH, NARASIMHAN M.C.	SIIOC-184

		SEM	17:10-17:20	SUSTAINABLE LONGEVITY: EVALUATION OF DURABILITY IN ECO-FRIENDLY CONCRETE INCORPORATING RECYCLED CONCRETE AGGREGATE	RESHMA.E.K,KAVITHA.G,H.N.SOUMYA ,M.R RAJASHEKARA	SIIOC-133
			17:20-17:30	CERTIFICATE DISTRIBUTION		
2.4		CR5,LHC-C (FIRST FLOOR)	15:50-16:00	EXPLORING ARCHITECTURE AND PSYCHOLOGY: A STUDY TO ENHANCE INTERIOR HEALING ENVIRONMENTS OF PSYCHOTHERAPY TREATMENT SPACES THROUGH SENSORY ARCHITECTURE	ANGELA KATHRIN JATHANNA, SHRIHARSH ASHOK DIXIT	SIIOC-301
			16:00-16:10	DEVELOPMENT OF SUSTAINABLE INTERLOCKING BLOCKS USING ZINC SMELTING SLAG	PANDITHARADHYA B J, NAVEEN CHIKKAVEERAYANAVAR, HARSHA M M	SIIOC-318
			16:10-16:20	SYSTEMATIC METHODOLOGY FOR SHEAR AND FLEXURAL REINFORCEMENT OF RC BEAMS WITH NSM-GFRP STRIPS	FIZA NAAZ,SOUMYA B GOUDA,N C BALAJI	SIIOC-231
			16:20-16:30	CUSTOMIZED KIOSK SYSTEM: CUSTOMIZED FOOD ORDERING SYSTEM FOR RESTAURANTS	SHREYA SUKHADEVE, VAIDEHI PAWAR, ZAINAB ANSARI , VINITA BHANDIWAD (GUIDE)	SIIOC-361
			16:30-16:40	FLOOD VULNERABILITY MAPPING USING TOPOGRAPHIC PARAMETERS: A CASE STUDY OF BHADRACHALAM REGION	MEERA SARA CHERIAN, , G SRINIVASA RAO, SAVITHA SUNKARI, B M DODAMANI	SIIOC-365
			16:40-16:50	STUDY ON PREDICTION METHOD FOR BRIDGES USING MARKOV CHAIN	JERIN SULTANA JUI,SHOTA NAKASHIMA,YOSHIKAZU AKIRA, TOSHINOBU YAMAGUCHI	SIIOC-31
			16:50-17:00	EVALUATING THE STRUCTURAL BEHAVIOUR OF SURFACE REPAIR MATERIALS FOR REPAIRING CONCRETE STRUCTURAL ELEMENTS	KAVERAMMA A. V. ,CHANDAN K. R.	SIIOC-65
			17:00-17:10	ENHANCING SHEAR FORCE PREDICTION IN BEAM-COLUMN JOINTS: A COMPARATIVE MACHINE LEARNING APPROACH WITH MULTIPLE CODES OF PRACTICE	SUNKAVALI SIDVILASINI,T. PALANISAMY	SIIOC-44
			17:10-17:20	EXPERIMENTAL STUDY ON FRACTURE PERFORMANCE OF RECYCLED COARSE AGGREGATE CONCRETE (RAC) IN FLEXURE WITH DIC	PRASHANTH V P, KARTHIK S, AMIRTHAM RAJGOPAL	SIIOC-371
			17:20-17:30	CERTIFICATE DISTRIBUTION		
			2.5		CR4,LHC-C (FIRST FLOOR)	15:50-16:00
16:00-16:10	ENHANCING SEISMIC RESILIENCE: A COMPREHENSIVE INVESTIGATION INTO MULTI-STORIED BUILDING ANALYSIS AND DESIGN USING VARIED DAMPING SYSTEMS	ROHINI K N,ARUN KUMAR N ,CHANDANA S RAJ				SIIOC-291
16:10-16:20	OPTIMIZATION OF GEOPOLYMER CONCRETE INCORPORATING CONSTRUCTION AND DEMOLITION DEBRIS USING TAGUCHI METHOD	CHANDANA S RAJ,ROHINI K N,ARUN KUMAR N				SIIOC-293
16:20-16:30	NUMERICAL STUDY ON THE INFLUENCE OF PERFORATION SPACING IN THE COLD-FORMED STEEL COMPRESSION MEMBERS UNDERGOING LOCAL BUCKLING	AMOKE SHABHARI S K R,VIJAYA VENGADESH KUMAR J				SIIOC-296
16:30-16:40	MICROSTRUCTURE CHARACTERIZATION AND NUMERICAL EVALUATION OF EFFECTIVE ELASTIC PROPERTIES OF 2D CARBON/CARBON COMPOSITES	RAJATH D N,O S VISHNU,G S PAVAN				SIIOC-309
16:40-16:50	INVESTIGATION OF BAMBOO FIBER REINFORCED C&D CONCRETE	SREEVATSA B V,SRIHARI NIKHIL J,VATHSALA, CHARANMURTHY B, SHASHIDHARA J S				SIIOC-260
16:50-17:00	INVESTIGATION OF TRUSS REINFORCED CONCRETE BEAM	MOHAMMED MAAZ,SIRI HEMANTH				SIIOC-274
17:00-17:10	POST FIRE MECHANICAL PROPERTIES OF BUTT WELD SUBJECTED TO ELEVATED TEMPERATURE	MANOJ H S				SIIOC-277
17:10-17:20	CERTIFICATE DISTRIBUTION					

DAY-2(01-05-2024)

3.1	CR1, LHC-C (GROUND FLOOR)	09:00-09:10	STABILIZATION OF EARTH FILLS USED IN SMALL EARTH EMBANKMENT DAMS AND ANALYSIS USING GEO5 SOFTWARE AND CENTRIFUGE MODEL TESTS.	HARSH ACHAREKAR,B. G BIRAJDAR	SIIOC-125
		09:10-09:20	COMPARITIVE STUDY ON THE PERFORMANCE OF BIOCHAR AND BIOMASS ASH ON EXPANSIVE SOIL	NAYANA RANJITH	SIIOC-146
		09:20-09:30	ASSESSMENT OF HYDRO-MECHANICAL BEHAVIOUR OF BIOCHAR-AMENDED SOILS FOR LANDFILL COVERS	ANUSREE O P,DR. VANDANA SREEDHARAN	SIIOC-150
		09:30-09:40	PLANT GROWTH ANALYSIS IN BIOCHAR AMENDED SOIL USED AS LANDFILL COVERS	AMRUTHA K P ,DR. VANDANA SREEDHARAN	SIIOC-158
		09:40-09:50	STABILIZATION OF BLACK COTTON SOIL USING FLY ASH AND LIME.	PRATIK KOICHE,BHALCHANDRA BIRAJDAR	SIIOC-238
		09:50-10:00	VELOCITY-INDUCED POST-ELASTIC FLOW RESPONSE OF PAVEMENT: A FINITE ELEMENT BASED STATISTICAL INVESTIGATION	YAKSHANSH KUMAR,ASHUTOSH TRIVEDI,SANJAY KUMAR SHUKLA	SIIOC-338
		10:00-10:10	A COMPREHENSIVE EVALUATION ON CONTROLLED LOW STRENGTH MATERIAL	ATHIRA S,DR. SRIDHAR G	SIIOC-307
		10:10-10:20	EFFECT OF RATE OF DRAWDOWN AND HORIZONTAL DRAINS ON THE STABILITY OF THE EARTHEN DAM - A SYSTEMATIC LITERATURE REVIEW	SAHIL RAVINDRA GULHANE,DR. S.M.NAWGHARE	SIIOC-81
		10:20-10:30	CERTIFICATE DISTRIBUTION		
3.2	CR3, LHC-C (GROUND FLOOR)	09:00-09:10	CLASSIFICATION OF LATERAL DRIVING EVENTS USING VEHICLE RESPONSE SIGNALS FOR PROFILING DRIVING BEHAVIOURS	ASHISH KUMAR,H S KRISHNAKAR,ARICHANDRAN R, MITHUN MOHAN	SIIOC-246
		09:10-09:20	IMPACT OF DIVERSE LAND USE AND POPULATION DENSITIES ON ACCESS AND EGRESS MODE CHOICE OF BUS TRANSIT SYSTEM	G P SANJAY,DR. RAVIRAJ H MULANGI,NITHIN K S	SIIOC-261
		09:20-09:30	EFFECT OF WEATHER ON PASSENGERS ACCESS AND EGRESS MODE CHOICE	YATHARTH SHUKLA,DR. RAVIRAJ H MULANGI,NITHIN K S	SIIOC-272
		09:30-09:40	UTILIZATION OF FERROCHROME AND RECYCLED CONCRETE AGGREGATES FOR SUSTAINABLE PAVEMENT BASE LAYERS- A LABORATORY STUDY	KONDETI CHIRANJEEVI,DOMA HEMANTH KUMAR,YATISH R G,AVINASH H T,RAVIRAJ MULANGI H,A U RAVI SHANKAR	SIIOC-276
		09:40-09:50	ANALYSING THE HETEROGENEITY IN PUBLIC TRANSIT DEMAND	NARAYANAM PUJA VENKATESWARI,DR. RAVIRAJ H MULANGI,NITHIN K S	SIIOC-279
		09:50-10:00	UTILISATION OF RAP MATERIAL IN OPEN GRADED ASPHALT MIXTURES	SHASHANK S R,MITHUN MOHAN,DOMA HEMANTH KUMAR	SIIOC-286
		10:00-10:10	STUDY ON DELAY IN SIGNALIZED INTERSECTIONS AT HETEROGENEOUS TRAFFIC CONDITIONS	HARSHA M M,PANDITHARADHYA B J,POOJITHA M S	SIIOC-302
		10:10-10:20	LEVERAGING SEMANTIC WEB TECHNOLOGIES FOR REAL-TIME DATA ACCESS IN SUSTAINABLE HIGHWAY INFRASTRUCTURE MAINTENANCE	VENKATESH KONE,GANGADHAR MAHESH	SIIOC-305
		10:20-10:30	CERTIFICATE DISTRIBUTION		
	4D FLOOR)	09:00-09:10	PERFORMANCE OF STEEL FIBRE REINFORCED LIGHT EXPANDED CLAY AGGREGATES BASED CONCRETE	SUBHASH C. YARAGAL, SINGADI DINESH REDDY, N SUDHARSAN	SIIOC-382
		09:10-09:20	CHARACTERIZING THE EFFECT OF CURB SIDE BUS STOP ON PLATOON DISPERSION ALONG SIGNALISED CORRIDOR	GOUTHAM M N,FATHIMA ZARINA,FATHIMA S, ASHALATHA R, PRAVEEN P S, PRANOY S RAJ	SIIOC-283
		09:20-09:30	WEB CRIPPLING OF CFS LIPPED CHANNEL SECTIONS WITH EDGE-STIFFENED SQUARE WEB HOLES UNDER INTERIOR-TWO-FLANGE LOADING CONDITION	ATHIRA P,NIJESH C	SIIOC-212

3.3	SEMINAR HALL,LHC-C (GROUN	09:30-09:40	ANALYSIS AND DESIGN OF SPATIAL ROOF TRUSS SUBJECTED TO WIND LOADS	MR. LIKHITH L,MR. VADIRAJ RAO N R	SIIOC-215
		09:40-09:50	EFFECT OF POLYPROPYLENE FIBRE REINFORCED SANDY SOIL UNDER MONOTONIC LOADING	SOMESH YEWARE,DR. MRS. RUPA DALVI	SIIOC-223
		09:50-10:00	NUMERICAL ANALYSIS OF CONCRETE COLUMN REINFORCED WITH GLASS FIBER REINFORCED POLYMER BARS	VISHNU VIJETH N,TRUPTI AMIT KINJAWADEKAR ,SHANTHARAM PATIL ,GOPINATHA NAYAK	SIIOC-226
		10:00-10:10	A STUDY ON UNDERSTANDING OF BAMBOO AS A BUILDING MATERIAL IN KARNATAKA	IPSITAA PRIYADARSINI DAS, DR. PRADEEP G KINI, DR. SHREELAXMI PRASHANT	SIIOC-247
		10:10-10:20	DURABILITY OF ALKALI-ACTIVATED FLYASH-SLAG-LIME BASED CONCRETE UNDER SULFATE EXPOSURE	H M JAGADISHA,DR POORNACHANDRA PANDIT,DR. SHREELAXMI PRASHANT	SIIOC-165
		10:20-10:30	FRESH AND HARDENED PROPERTIES OF ALKALI-ACTIVATED MORTAR CURED AT ROOM TEMPERATURE.	GANA G S,DR SHREELAXMI PRASHANTH,DR. POORNACHANDRA PANDIT	SIIOC-152
		10:30-10:40	CERTIFICATE DISTRIBUTION		
3.4	CR4,LHC-C (FIRST FLOOR)	09:00-09:10	AN INVESTIGATION ON EPOXY RESIN-COATED RECYCLED AGGREGATE CONCRETE	PARAMESHWAR HIREMATH,SUBHASH C YARAGAL ,SAGADEVAN R, GAURAV KUMAR , SAKE GOVARDHAN	SIIOC-317
		09:10-09:20	NEED FOR TREE-FALL RESISTING SYSTEM FOR WIND RESILIENT TREES IN URBAN AREAS TO WITHSTAND STRONGER WIND- A REVIEW	SANTHOSH M. MALKAPUR,SHANKAR H. SANNI	SIIOC-323
		09:20-09:30	ENSURING SAFETY IN CONSTRUCTION OF CONCRETE FRAMES: REVIEWING THE CODAL PROVISIONS FOR ERECTION	FIZA NAAZ,N C BALAJI	SIIOC-170
		09:30-09:40	ENHANCING BUILDING DEMOLITION SAFETY CODE OF PRACTICE: RECONSTRUCTING THE CODAL PROVISION OF DEMOLITION OF BUILDINGS	SOUMYA B GOUDA,N.C. BALAJI	SIIOC-171
		09:40-09:50	UNMODIFIED BITUMEN IN SMA: A SUSTAINABLE AND COST-EFFECTIVE APPROACH	ARUN U, RAGHURAM K CHINNABHANDAR, AVINASH H T., YATHISH R G	SIIOC-248
		09:50-10:00	EFFECT OF CORROSION INHIBITORS ON DURABILITY PROPERTIES OF MORTAR	BINU THOMAS,AKHILA T S,ELSON JOHN	SIIOC-187
		10:00-10:10	STUDY OF THE EFFECT OF MINERAL ADMIXTURES ON DIFFERENT PROPERTIES OF MORTAR	AKHILA T S,SIMI RACHEL THOMAS,DR. ELSON JOHN	SIIOC-203
		10:10-10:20	PERFORMANCE EVALUATION OF 132KV TRANSMISSION TOWER WITH GFRP CROSS ARMS AND BRACING	AKANKSHA PRAKASH MAHURE,CHAITRA A R,PRASHANTH M H	SIIOC-351
		10:20-10:30	CERTIFICATE DISTRIBUTION		
3.5	CR5,LHC-C (FIRST FLOOR)	09:00-09:10	SAFE PASSAGE SKYWALK: ENSURING SECURE CROSSINGS FOR SCHOOL CHILDREN AND LOCAL COMMUNITIES OVER NATIONAL HIGHWAY – A PROPOSAL	SOUMYA B GOUDA,N.C BALAJI	SIIOC-233
		09:10-09:20	MITIGATING FOOTPATH DEGRADATION AND OFFERING A TOTAL SOLUTION	FIZA NAAZ,N C BALAJI	SIIOC-230
		09:20-09:30	INVESTIGATING THE INFLUENCE OF SEWAGE EFFLUENT ON ECOSYSTEM OF VADENAKERE LAKE , BANNERGHATT , BENGALURU .	SURYA. K, LIKHITH H, THEJAS MS , SUSHMITHA KB	SIIOC-52
		09:30-09:40	AN EXPERIMENTAL STUDY AND FREE VIBRATION ANALYSIS ON THE DYNAMIC BEHAVIOR OF INTEGRAL BRIDGES	VINAYAK NAIK,MAHENDRAKUMAR H M,CHANDRADHARA G.P	SIIOC-378
		09:40-09:50	CONDITION ASSESSMENT AND SERVICE LIFE PREDICTION OF EXISTING BRIDGE BY USING LIFE 365 AND MATHEMATICAL MODEL	SHARAN KUMAR GOUDAR,S N BASAVANAGOWDA, H P THANU, PRAMESHWAR N HIREMATH	SIIOC-353
		09:50-10:00	ASSESSMENT AND MODELLING OF SOIL STRUCTURE INTERACTION IN INTEGRAL BRIDGE FOR DYNAMIC RESPONSE	MAHENDRA KUMAR H M,SRINIVASA A G,VINAYAK NAIK, CHANDRADHARA G.P	SIIOC-377
		10:00-10:10	COMPARISON OF DIFFERENT BUILDING CONFIGURATION (FIXED AND FLEXIBLE BASE) WITH AND WITHOUT RETROFITTING	DR.DEEPA S, DR.S.V.VENKATESH, DR.I.R.MITHANTHAYA	SIIOC-224

		10:10-10:20	SELF CURING STUDIES THROUGH INTEGRAL ABSORBENTS AS ADDITIVES IN CEMENT CONCRETE MATRIX	VINAY H S, SUHRUTH S, PRASHANTH V P	SIIOC-364
		10:20-10:30	CERTIFICATE DISTRIBUTION		
		10:30-11:00	TEA BREAK		
	SEMINAR HALL, LHC-C (GROUND FLOOR)	11:00-11:40	KEYNOTE LECTURE ON ' PREDICTION: UNCERTAINTY QUANTIFICATION TO RELIABILITY ESTIMATION ' BY PROF. DEBRAJ GHOSH, IISC BANGALORE		
	SEMINAR HALL, LHC-C (GROUND FLOOR)	11:40-12:20	KEYNOTE LECTURE ON ' TOWARDS SUSTAINABLE PAVEMENT SYSTEMS IN INDIA ' BY PROF. ARAVIND KRISHNA SWAMY, IIT DELHI		
	SEMINAR HALL, LHC-C (GROUND FLOOR)	12:20-13:00	KEYNOTE LECTURE ON ' CONTROL OF DYNAMIC RESPONSE OF STRUCTURES ' BY PROF. G R REDDY, BARC (RETD.)		
		13:00-14:00	LUNCH BREAK		
		14:00-14:30	VALEDICTORY FUNCTION		