

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

CONFERENCE SCHEDULE (ONLINE MODE)

SESSION	TIME	TITLE	AUTHORS	ABSTRACT ID
1.1	14:00-14:10	FINITE ELEMENT APPROACH FOR STRUCTURAL HEALTH MONITORING OF TRUSS STRUCTURE WITH IMPEDANCE BASED METHOD	TEJAS SHELGAONKAR, UMESH BASAPPA, A.S. HARSHITA KALYANI	SIIOC-25
	14:10-14:20	FRAGILITY ESTIMATES OF RC IRREGULAR STRUCTURES	ASHWINI L K, POOJA S,S. VIJAYA	SIIOC-119
	14:20-14:30	DESIGN OF PEB STEEL FRAME STRUCTURES FOR INDUSTRIAL SHED	PAVAN S. BORKAR, DR. BALKRISHNA M. DAWARI	SIIOC-160
	14:30-14:40	SEISMIC ANALYSIS OF RC FRAMED STRUCTURES USING FLUID VISCOUS DAMPERS	SHUBHAM MOHAN VIRKAR, PROF. DR. ASHISH R. AKHARE	SIIOC-163
	14:40-14:50	DEVELOPMENT AND EVALUATION OF PROPERTIES OF ULTRA HIGH STRENGTH CONCRETE USING TERNARY BINDERS FOR REPAIR AND REHABILITATION OF STRUCTURES	VINEET KOTHARI, URMIL DAVE,	SIIOC-256
	14:50-15:00	DAMAGE ASSESSMENT OF G+10 RC FRAMED STRUCTURE DESIGNED WITH THE PROVISIONS OF IS 1893 (PART 1) : 2016 AND DRAFT CODE 1893 (PART 1&2) : 2023	YASHWARDHAN SANJAY JADHAV, PROF. B. G. BIRAJDAR	SIIOC-270
	15:00-15:10	PERFORMANCE EVALUATION OF GLOBAL VIPASSANA PAGODA STRUCTURE CONSIDERING AS BUILT GEOMETRY AND SUBJECTED TO STATIC LOADS	SANTOSHGOUDA HONNALLI, G S PAVAN, SREEVALSA KOLATHAYAR, PRASHANTH M H, G R REDDY, ABHAY BAMBOLE, SHANTARAM SHINDE	SIIOC-322
	15:10-15:20	SEISMIC ANALYSIS OF TUBULAR STRUCTURES WITH DIFFERENT BRACING	S P CHANDANA, TANUJA M, UTKARSH AWASTHI, CHAITRA A R, PRASHANTH M H	SIIOC-350
	14:00-14:10	STRENGTH ANALYSIS OF BIOCEMENTED SOIL USING COW DUNG	TANUJ KUMAR, ASHUTOSH TRIVEDI	SIIOC-346
	14:10-14:20	INFLUENCE OF MOORING CHAIN POSITION ON DISPLACEMENT OF TRIPOD SUCTION PILE ANCHOR	RAMESH SINGARAJU, MOHAMMAD SABBAH, A, M, DARGA KUMAR. N	SIIOC-1

1.2	14:20-14:30	A METHOD FOR STABILIZATION OF BLACK COTTON SOIL USING SAW DUST AND WOOD ASH	C. PHUSPA REKHA, LOVELY SABAT	SIIOC-16
	14:30-14:40	A REVIEW FOR AN ECO-FRIENDLY APPROACH FOR CAPILLARY RISE DAMAGES IN BUILDING STRUCTURES OF COASTAL AREAS USING GEO-BLEND SHIELDS	RITUPARNA OJHA1, LOVELY SABAT	SIIOC-22
	14:40-14:50	USE OF INDUSTRIAL WASTE MATERIAL IN GEOTECHNICAL ENGINEERING	ANIKET DHERE,DR SARIPUT M NAWAGHARE	SIIOC-60
	14:50-15:00	PERFORMANCE EVALUATION OF DISPERSIVE SOIL STABILIZED BY SHREDDED PET BOTTLES FOR SUBGRADE APPLICATIONS	ABILASH K E, MUTTANA S BALREDDY	SIIOC-159
	15:00-15:10	NUMERICAL STUDY OF SQUARE FOOTING ON A LAYERED REINFORCED SLOPE SUBJECTED TO ECCENTRIC AND INCLINED LOADING	PRIYANKA SHANDIL,DR. RAVI KUMAR SHARMA	SIIOC-225
	15:10-15:20	AN EXPERIMENTAL STUDY ON THE INFLUENCE OF CONSTRUCTION DEMOLITION WASTE AND SUSTAINABLE MATERIALS ON THE PROPERTIES OF CONCRETE	SYED SHOAB ZIDAAN, DR.B.NARENDRA KUMAR	SIIOC-373
1.3	14:00-14:10	STUDY OF VISSIM SIMULATION OF MAJOR JUNCTIONS BY ANALYZING TRAFFIC DYNAMICS AT GANGADHAM INTERSECTION	UDAYSINH PRADIP PATIL , DR. RAJSHEKHAR RATHOD , SAGAR K. SONAWANE	SIIOC-26
	14:10-14:20	EVALUATION OF TRAFFIC CONGESTION BY USING TRAFFIC FLOW ANALYSIS IN PUNE CITY	GOVARDHAN B. GAIKWAD, SAGAR K. SONAWANE, DR. RAJSHEKHAR RATHOD, AVINASH A. RAKH	SIIOC-43
	14:20-14:30	TRAFFIC SAFETY STATUS OF INDIAN METROPOLITAN CITY - CASE STUDY HOWRAH	ABHISHEK RAJ, SUDIP KUMAR ROY	SIIOC-113
	14:30-14:40	FEASIBILITY ANALYSIS OF RAIL OVERBRIDGE IN URBAN AREA BY CONSIDERING TRAFFIC, SAFETY AND SOCIO-ECONOMIC IMPACT	KUNAL GANESH BADGUJAR, DR. M U KHOBRAGADE	SIIOC-192
	14:40-14:50	COMPARATIVE STUDY OF TRAFFIC SIGNALS WITH AND WITHOUT SIGNAL COORDINATION OF VARIOUS INTERSECTIONS	PRIYA SANJAY WAGH	SIIOC-193
	14:50-15:00	COMPREHENSIVE STUDY OF ROAD TRAFFIC ACCIDENTS OF KULLU DISTRICT: ANALYZING HOTSPOTS USING BOTH TEMPORAL AND SPATIAL STATISTICAL TECHNIQUES IN GIS	MANOJ KUMAR, V.K BANSAL	SIIOC-204
	15:00-15:10	COMPARATIVE STUDY OF FLEXIBLE PAVEMENT DESIGN USING LDPE AND HDPE	SURABHI RODGE, DR. RAJSHEKHAR RATHOD, SAGAR K. SONAWANE	SIIOC-21
	15:10-15:20	CHARACTERIZATION OF FULL DEPTH RECLAIMED HIGHWAY PAVEMENT MATERIAL AND ITS CHEMICAL STABILIZATION FOR USE AS A PAVEMENT BASE LAYER	RITIKA THAKUR, SUNIL SHARMA	SIIOC-38
	14:00-14:10	COMPUTATIONAL FLUID DYNAMIC ANALYSIS OF SPILLWAY AND STILLING BASIN OF DAM	SANCHIT DHIMAN, GYANENDRA KUMAR CHATURVEDY, UMESH KUMAR PANDEY	SIIOC-35
	14:10-14:20	USE OF FLY ASH, RICE HUSK ASH & POLYPROPYLENE FIBERS FOR STRENGTH ENHANCEMENT IN WET MIX MACADAM (WMM)	SUHAS HARIDAS INGALE, DR. M. S. RANADIVE	SIIOC-85
	14:20-14:30	STATIC AND DYNAMIC STRESS ANALYSIS OF OLD CONCRETE GRAVITY DAM WITH PARTIAL BUTTRESS	ASHUTOSH R. DOHALE, PROF. DR. ASHISH R. AKHARE, SHRI HANUMANTHAPPA M. S	SIIOC-236

1.4	14:30-14:40	OPTIMAL LOCATION OF ACOUSTIC EMISSION SENSORS FOR DETECTING A DAMAGED MEMBER IN A TRUSS: A STUDY	ANJUNUR RAHMAN, NEETIKA SAHA, PIJUSH TOPDAR	SIIOC-289
	14:40-14:50	A STUDY ON EFFECT OF WATER QUALITY ON STRENGTH PROPERTIES OF CONCRETE	MINAKSHI MISHRA, LOVELY SABAT, PHUSPA REKHA. C	SIIOC-13
	14:50-15:00	THREE DIMENSIONAL ELASTICITY ANALYSIS OF LAMINATED COMPOSITE PLATE	PRATHMESH VIKAS PATIL, YASHASWINI LOMTE PATIL	SIIOC-295
	15:00-15:10	EXPLORING GRANULATED BLAST FURNACE SLAG AS A SUSTAINABLE ALTERNATIVE FINE AGGREGATE IN MASONRY MORTARS: PERFORMANCE ASSESSMENT AND COMPARATIVE ANALYSIS	VIBHA V, B.V. VENKATARAMA REDDY	SIIOC-325
	15:10-15:20	ANALYSIS OF SUSPENSION BRIDGE FOR DYNAMIC WIND LOAD	OMKAR B. BHAGWAT, PROF. Y. T. LOMTE PATIL	SIIOC-352
2.1	15:50-16:00	INVESTIGATING THE IMPACT OF PARTIAL REPLACEMENT OF CEMENT WITH DOLOMITE POWDER ON THE PERFORMANCE OF POROUS CONCRETE PAVEMENTS	SURAJ PATEL, DR. SUNIL SHARMA	SIIOC-53
	16:00-16:10	COMPREHENSIVE STUDY OF ASPHALT MIXTURES WITH RECLAIMED ASPHALT PAVEMENT (RAP) AND EXPANDED POLYSTYRENE (EPS).	DIVYANSHI, DR. RAMAN PARTI, DR. MEGHNA SHARMA	SIIOC-70
	16:10-16:20	APPLICATION OF NATURAL FIBRE IN FLEXIBLE PAVEMENT	ANNA SAJU, MARTEENA M. S. , CAROLIN JOY, NIYA BABU, KRISHNAPRIYA M. G.	SIIOC-92
	16:20-16:30	STUDY THE EFFECT OF STEEL SLAG AND RECLAIMED ASPHALT PAVEMENT FOR THE PARTIAL REPLACEMENT OF COARSE AGGREGATE IN THE FLEXIBLE PAVEMENT.	HRUSHIKESH GHULE, SAGAR K. SONAWANE, DR. RAJSHEKHAR RATHOD, AVINASH A. RAKH	SIIOC-94
	16:30-16:40	DEVELOPMENT AND EVALUATION OF A PAVEMENT LAYER USING A PLASTIC CELL GRID	ATUL VIVEK PATIL , ARUNA D.THUBE	SIIOC-175
	16:40-16:50	USE OF CRUMB RUBBER PYRO OIL (CRPO) MODIFIED BITUMEN IN FLEXIBLE PAVEMENTS	AJAYASH HARIBHAU KEKAN, BALKRISHNA M. DAWARI	SIIOC-194
	16:50-17:00	IDENTIFICATION AND ANALYSIS OF BLACK SPOTS ALONG THE SELECTED ROAD STRETCHES OF NAVI MUMBAI CITY	SARVESH C. THAKUR, SAGAR K. SONAWANE, DR. RAJSHEKHAR RATHOD	SIIOC-27
	17:00-17:10	STATISTICAL ANALYSIS OF EFFECT OF HEADWAY ON LEVEL OF SERVICE ON 2-LANE HIGHWAYS	VISHALI, SUNIL SHARMA	SIIOC-41
2.2	15:50-16:00	WATER QUALITY ANALYSIS AT BRAHMAPURAM ON NEARBY WATER RESOURCES: POST AND PRE FIRE OUTBREAK	ASWATHI P. P., NAVYA RAVI , ALPHIN GIGO, MADHAV P., PRABHA SANKAR V. P.	SIIOC-134
	16:00-16:10	FEASIBILITY STUDIES OF RESIDUAL RICE HUSK ASH IN GEOPOLYMER COMPOSITE	VINU VIJAYAN,DEEPA G NAIR	SIIOC-362
	16:10-16:20	EXPLORING THE POTENTIAL OF INDUSTRIAL BIO-WASTE AS A SUSTAINABLE ALTERNATIVE FOR BITUMEN: TOWARDS THE DEVELOPMENT OF A BIO-BINDER	YATISH R G, REDDY SUNITHA, KONDETI CHIRANJEEVI, RAVIRAJ H M, A U RAVI SHANKAR	SIIOC-93
	16:20-16:30	ENVIRONMENTAL AND ECONOMIC ASSESSMENT OF SUSTAINABLE GREEN CEMENTITIOUS SYSTEMS USING WASTE MATERIALS	MARIA VANITHA RASHMI R, DR K NANDHINI,	SIIOC-96
	16:30-16:40	PHARMACEUTICAL WASTEWATER TREATMENT USING SUSTAINABLE ADSORBENTS	AISWARYA M R, JERIN JOJU, MARIYA GRACE AJI , NIRMAL M, VINITHA SHARON	SIIOC-111

	16:40-16:50	DYNAMIC BEHAVIOR OF RAISED TANK OF HYDROCYCLONE UNDER DIFFERENT CONDITIONS	BHARATHI GANESH,SHREYAS A V,P SHRESTHA ,M R DAHAL, S LAMSAL	SIIOC-267
	16:50-17:00	ALIGNMENT OPTION STUDY OF INDUSTRIAL CORRIDOR IN MAHARASHTRA STATE	SANA J TADVI,DR K A PATIL	SIIOC-117
	17:00-17:10	STUDY ON EFFECT OF DRIVING PATTERN ON ENGINE PARAMETERS	AAMIR ALI KHAN, ARUMUGA PERUMAL D,	SIIOC-329
2.3	15:50-16:00	AN EXPERIMENTAL STUDY ON STRENGTH PROPERTIES OF CONCRETE BY PARTIAL REPLACEMENT OF RIVER SAND WITH STEEL SLAG SAND	C. PHUSPA REKHA, LOVELY SABAT, MINAKSHI MISHRA	SIIOC-14
	16:00-16:10	NUMERICAL APPLICATION OF LOCAL AND GLOBAL STRUCTURAL HEALTH MONITORING FOR DYNAMICALLY ACTIVE STRUCTURAL FRAME WITH MULTIPLE PIEZO SENSOR CONFIGURATIONS	TEJAS SHELGAONKAR, UMESH BASAPPA, HARSHIT BHARDWAJ	SIIOC-24
	16:10-16:20	POST PEAK BEHAVIOUR OF CONFINED AND UNCONFINED STUB COLM UNDER AXIAL COMPRESSION.	PRANOY ROY, AK SAMANTA,	SIIOC-37
	16:20-16:30	STRUCTURAL BEHAVIOUR OF GEOPOLYMER CONCRETE- A REVIEW	PRADEEP KUMAR, VISHAL THAKUR, DR. VIMAL KUMAR	SIIOC-47
	16:30-16:40	ENHANCING CONCRETE PERFORMANCE WITH IRON OXIDE: A REVIEW	RAMAN SAINI, GYANENDRA KUMAR CHATURVEDY, DR UMESH KUMAR PANDEY	SIIOC-50
	16:40-16:50	STUDY ON THE DEVELOPMENT AND ASSESSMENT OF CEMENT MORTAR USING AGROWASTES- A SUSTAINABLE APPROACH – A REVIEW	SAI KRISHNA N, DR K NANDHINI,	SIIOC-79
	16:50-17:00	AN OVERVIEW STUDY ON LATTICE TOWER ANGLE MEMBER CAPACITIES AS PER INDIAN, AMERICAN, AND BSEN STANDARDS	PHANEENDRA ADURI, SANKARA GANESH DHOOPAM, SANTOSH REDDY SINGIREDDY	SIIOC-101
	17:00-17:10	AN EXPERIMENTAL STUDY ON TENSILE AND FLEXURAL PROPERTIES OF ENGINEERED CEMENTITIOUS COMPOSITE PRODUCED WITH PVA FIBERS	VIJAYAKUMAR M JAVALAGADDI, DR SHANKAR H SANNI	SIIOC-114
2.4	15:50-16:00	QUALITY-DRIVEN MANAGEMENT IN CONSTRUCTION PROJECTS	ADITYA GUJAR , DR. PARAG SADGIR , MS.PRAVEDHA PARANJAPE	SIIOC-75
	16:00-16:10	BARRIERS IN THE APPLICATION OF LEAN CONSTRUCTION PRINCIPLES CONCERNING QUALITY IMPROVEMENT IN CONSTRUCTION PROJECTS.	CHINMAY N. GANORKAR, VAISHALI B. DAWARI, NA	SIIOC-172
	16:10-16:20	TIME AND COST ANALYSIS FOR PILE HEAD CUTTING (PILE CHIPPING) PROCESS IN BRIDGE CONSTRUCTION WORK	APURVA RAJENDRA JADHAV, DR. MAHADEO. S. RANADIVE	SIIOC-46
	16:20-16:30	ANALYSIS OF GENERATION OF GREEN ENERGY IN WATER SUPPLY SYSTEM WITHIN HIGH RISE BUILDING - A SUSTAINABLE APPROACH	MAHESH PATIL, DR. PARAG SADGIR, PRAVEDA PARANJAPE	SIIOC-71
	16:30-16:40	GIS-BASED METHODOLOGY FOR ASSESSING POPULATION VULNERABILITY TO HAZMAT ROAD ACCIDENTS: AMMONIA RELEASE SIMULATION AND HAZARD ANALYSIS	NISHANT, VK. BANSAL	SIIOC-122
	16:40-16:50	ANALYSIS OF THERMAL ENVIRONMENT OF AN OFFICE WITH THE INTERVENTION OF PHASE CHANGE MATERIALS FOR WARM AND HUMID CLIMATE	D ASHWINI, AMALAN SIGMUND KAUSHIK S,	SIIOC-241
	16:50-17:00	CHALLENGES IN CONSTRUCTION SUPPLY CHAIN MANAGEMENT: BIBLIOMETRIC ANALYSIS	MITESH GAJANAN BHAGWAT, AARTI GOLANDE, GOURAV KUMAR , AKHILESH NIMSAD , DR. GAYATRI VYAS	SIIOC-252
	17:00-17:10	VALORIZATION OF JACKFRUIT WASTE	SRUTHI S M, SWARNALATHA K	SIIOC-49

2.5	15:50-16:00	THE ROLE OF FUNGI IN SELF-HEALING CONCRETE REVIEW	THERESA JOSHY P , ANNA ROSE, AKSHARA K.S, K AMRUTHA SUNIL	SIIOC-131
	16:00-16:10	DESIGN OF CABLE STAYED BRIDGE	TUSHAR S. KOTANGALE, DR. BALKRISHNA M. DAWARI,	SIIOC-164
	16:10-16:20	BEHAVIOUR OF PRESS CONNECTION IN THE MULTISTOREY BUILDING FRAMES	SHUBHAM R. SALE, BALKRISHNA M. DAWARI,	SIIOC-167
	16:20-16:30	EVALUATING THE IMPACT OF EXCAVATION AND THEIR SEQUENCES ON TUNNEL STABILITY IN HIMALAYAN REGION	PRATIKSHA DIWARE, SHILPA DESHPANDE, DR. N. A. HEDAOO	SIIOC-205
	16:30-16:40	SUSTAINABLE USE OF AUTOCLAVED AERATED CONCRETE (AAC) BLOCK WASTE IN CONCRETE	NITHYA RAJESH, ASHWIN M, NITHIN SAJAN THOMAS , RESHMA RAJENDRAN B	SIIOC-239
	16:40-16:50	EFFECT OF THERMAL CYCLE ON MECHANICAL PROPERTIES OF GEOPOLYMER CONCRETE UNDER DIFFERENT CURING CONDITIONS	PRAGYA SARASWAT, DR. PARDEEP KUMAR , JAPNEET SIDHU	SIIOC-250
	16:50-17:00	A REVIEW ON DEVELOPMENT AND STRENGTH CHARACTERISTICS OF ULTRA HIGH PERFORMANCE CONCRETE	BIJO M D, DR SUJATHA UNNIKRISHNAN	SIIOC-251
	17:00-17:10	SUSTAINABLE UTILIZATION OF ELECTRIC FURNACE SLAG AS AN AGGREGATE IN HIGH PERFORMANCE SELF- COMPACTING CONCRETE	DR.BINUMOL SHAHULHAMEED, ABIR TALIB IBRAHIM ALBALUSHI, SOUQ ALSHEHHI, FATEMA ALZARAOUNI, REEM ALFATHI,BATOUL ALAJMI, KHALOUD ALSHEHHI	SIIOC-332

DAY-2(01-05-2024)

3.1	09:00-09:10	TOWARDS SUSTAINABLE CONSTRUCTION: A REVIEW OF UTILIZING BAGASSE ASH AND MOLASSES IN CONCRETE MIXTURES	ABHIJIT P KADAM, DR. PARAG SADGIR , PRAVEDA PARANJAPE	SIIOC-77
	09:10-09:20	A COMPREHENSIVE STUDY OF STABILIZATION OF FULL DEPTH RECLAIMED (FDR) MATERIAL AS CEMENT TREATED BASE (CTB) LAYER FOR A LOW VOLUME ROAD	KARISHMA, DR. RAMAN PARTI	SIIOC-97
	09:20-09:30	OPTIMIZING WORKFLOWS IN BUILDING INFORMATION MODELING: A COMPREHENSIVE REVIT PLUGIN TO EASE IN GENERATION OF ELEMENT	MD IMRAN KHAN, DR. P. A. SADGIR	SIIOC-118
	09:30-09:40	IMPROVING EFFICIENCY IN THE CONSTRUCTION SUPPLY CHAIN: CHALLENGES AND SOLUTIONS	AKHILESH NIMSADDE, MITALI LOHADE, MANSI OULKAR, DR. GAYATRI VYAS	SIIOC-156
	09:40-09:50	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING - DRIVEN COST ESTIMATION IN CONSTRUCTION EXCELLENCE: A BIBLIOMETRIC SURVEY	ABHAY DEEPAK VELAPURE, GAYATRI S. VYAS	SIIOC-202
	09:50-10:00	THE IMPACT OF BIOCLIMATIC AND VERNACULAR ARCHITECTURE ON THERMAL COMFORT OF RURAL SCHOOLS IN KARNATAKA	LIPi SHARMIL MAUN, SHRIHARSH ASHOK DIXIT	SIIOC-303
	10:00-10:10	INTEGRATION OF IOT AND GSM TECHNOLOGIES FOR EFFICIENT SEWERAGE MONITORING IN URBAN INFRASTRUCTURE MANAGEMENT	LOGARAJA R, DR.M.FATHU NISHA, DR.A.KARTHIK,MRS.A.SHAKIN BANU	SIIOC-336
	10:10-10:20			
	09:00-09:10	PERFORMANCE ANALYSIS OD STONE MATRIX ASPHALT MIXES USING WASTE TONER	MANAS SN, DR SUNIL S, DR G SHIVAKUMAR	SIIOC-100
	09:10-09:20	A COMPARATIVE ANALYSIS OF DATA VISUALIZATIONS DEPICTING OPERATING SPEED PATTERNS ACROSS VARIOUS VEHICLE CLASSES WITH SPATIAL AND TEMPORAL VARIATIONS	DHEVGURU MARELLA, RAVIRAJ H MULLANGI, RAGHAVENDRA S SANGANAIKAR	SIIOC-179

3.2	09:20-09:30	ECONOMIC ANALYSIS OF A FOUR-LANE EXPRESSWAY	SAMISH MURALIDHARRAO DAHAKE, BHALACHANDRA KHODE , ROHIT MANE	SIIOC-339
	09:30-09:40	ANALYSIS OF SOCIO-ECONOMIC IMPACT OF NAGPUR METRO RAIL (LOKMANYA NAGAR TO HINGNA CORRIDOR)	SATISH B. MOHOD , DR. .B. V. KHODE	SIIOC-341
	09:40-09:50	NUMERICAL ANALYSIS OF GEOSYNTHETIC-REINFORCED UNPAVED ROADS SUBJECTED TO HEAVY AXLE LOADS	KSHITIJ GAUR, ASHUTOSH TRIVEDI, SANJAY KUMAR SHUKLA	SIIOC-343
	09:50-10:00	LABORATORY INVESTIGATION OF WARM MIX ASPHALT MIXTURE USING WETBOND AND CASHEW SHELL NUT LIQUID	KUSHAAL RAJ R, DR. SUNIL S, DR. G SHIVA KUMAR	SIIOC-98
	10:00-10:10	OPERATING SPEED PREDICTION MODEL FOR HORIZONTAL CURVES OF TWO LANE RURAL HIGHWAYS	NIRANJAN BABU K R N, RAVIRAJ H. MULANGI, RAGHAVENDRA S SANGANAİKAR	SIIOC-178
	10:10-10:20	ANALYZING JUNCTION PERFORMANCE UNDER DIFFERENT SCENARIOS:A STUDY UTILIZING VISSIM SIMULATION	MAAZ PEERZADE, DR. A.D. THUBE, PRATAPSINGH BHONSLE	SIIOC-196
3.3	09:00-09:10	DETECTION AND LOCALIZATION OF SURFACE CRACKS IN BEAMS USING DYNAMIC CHARACTERISTICS : A STUDY	ANCHAL PARIHAR, PIJUSH TOPDAR	SIIOC-299
	09:10-09:20	SELECTION OF SUITABLE PYLON HEIGHT FOR CABLE STAYED BRIDGES OF MODIFIED FAN TYPE CABLE CONFIGURATION	SUHAS V KUMAR , TAUHIDUR RAHMAN, CHETHAN K	SIIOC-344
	09:20-09:30	BEHAVIORAL STUDY OF TALL BUILDING WITH PODIUM AND WITHOUT PODIUM	YASHASHRI BHADANE, RAJENDRA JOSHI	SIIOC-355
	09:30-09:40	IMPACT OF SLAG SAND ON THE STRENGTH, EMBODIED ENERGY, AND CARBON FOOTPRINT IN PRODUCING SUSTAINABLE CEMENT MORTAR	RESHMA T VISHWESHWARAIAH, CHANDAN KUMAR PATNAİKUNI	SIIOC-359
	09:40-09:50	DEVELOPMENT OF AIR - PURIFIED CONCRETE BLOCK BY PHOTO CATALYTIC REACTION	R LOGARAJA, DR.A.KARTHIK, P.ANITHA,S.ANBUMEENA,S.THAHIRABANU	SIIOC-335
	09:50-10:00	SEISMIC SAFETY AND STABILITY ASSESSMENT OF MASONRY GRAVITY DAM	GOPIKA SASIDHARAN, PRANEETH S, KAUSHAL NAYAK, PAVITHRA REDDY S J, PAVAN G S	SIIOC-314
	10:00-10:10	APPLICATION OF INVENTORY CONTROL TECHNIQUE TO MEASURE THE PERFORMANCE OF MATERIAL MANAGEMENT IN A COMMERCIAL BUILDING PROJECT	GAUTAM BAGHEL	SIIOC--48
	10:10-10:20	GEOGRID AND BAMBOO FIBER FOR ENHANCING STABILITY OF BLACK COTTON SOIL SUBGRADE	HIMANSHU SANJAY BAGUL, SARIPUT NAWGHARE	SIIOC-157
3.4	09:00-09:10	INVESTIGATION OF THE SPECTRAL CHARACTERISTICS OF CONCRETE ROADS FOR CONDITION ASSESSMENT USING HYPERSPECTRAL REMOTE SENSING	HEMANG DALWADI, KAVACH MISHRA, PARUL PATEL	SIIOC-227
	09:10-09:20	INFLUENTIAL FACTORS AFFECTING PARKER'S MODE CHOICE BEHAVIOUR IN KOZHİKODE CITY	SAJEEHA SALIM, SHAHEEM S	SIIOC-333
	09:20-09:30	ANALYZING CHANGES IN RUNOFF PATTERNS DUE TO URBANIZATION USING SWAT MODELS	ASAWARI AJAY AVHAD	SIIOC-363
	09:30-09:40	ANALYSIS AND DESIGN OF A TRACK SEGMENT FOR A VERY LIGHT RAIL, ELEVATED MASS TRANSPORTATION SYSTEM	SUMEDH NIKHIL PATHAK,PROF. RAJENDRA JOSHI	SIIOC-197
	09:40-09:50	IDENTIFICATION AND RECTIFICATION OF HOTSPOT ON NH-21 (NEW NO. 03) (RD177/990 TO RD 178/290)	SIMRAN CHAUDHARY,RAMAN PART	SIIOC-232

09:50-10:00	AN EXPERIMENTAL STUDY OF ULTRA HIGH PERFORMANCE FIBER REINFORCED CONCRETE AND DESIGN OF MULTI-STOREY BUILDING USING APPLICATIONS OF UHPFRC	SWAPNIL KSHIRSAGAR, PROF. B. G. BIRAJDAR	SIIOC-278
10:00-10:10	PREDICTION OF DISSOLVED OXYGEN USING SOFT-COMPUTING TECHNIQUES DOWNSTREAM OF GODAVARI RIVER AT DOWLAI SWARAM	TURUGANTI VENKATESWARLU, CHODAPANEEDI SUREKHA, DEVESH KHICHAR, DUDOLLU SHIVA KUMAR	SIIOC-105