

SIIOC-2023 CONFERENCE SCHEDULE (ONLINE MODE)

| SESSION | | ONLINE SESSION STREAMING VENUE | TIME | TITLE | AUTHORS | ABSTRACT ID |
|---------|---|--------------------------------------|-------------|--|---|-------------|
| | | | | DAY-1(20-04-2023) | | |
| 1.1 | STRUCTURAL ENGINEERING | LH3,LHC-C | 14:00-14:10 | NUMERICAL STUDY ON DIFFERENT PARAMETERS OF BUBBLE DECK SLABUSING HDPE,PVC & PP BALLS ON ANSYS WORKBENCH | DR. RAJSHREE CHARAN,ANJALI TILEKAR,Omkar Kank, Sarvesh Maurya, Jay Patel, Milan Chudasama | SIIOC-010 |
| | | | 14:10-14:20 | INVESTIGATION OF FLUID-STRUCTURE INTERACTION EFFECT ON VIBRATION OF COMPOSITE HYDROFOIL | RASIGA K T,SREEJITH K,ANIL KUMAR DASH | SIIOC-013 |
| | | | 14:20-14:30 | NUMERICAL INVESTIGATIONS ON FIRE RESISTANCE OF RESTRAINED Q690 HIGH STRENGTH STEEL BEAMS | Nehna S.,Rajeevan B. | SIIOC-033 |
| | | | 14:30-14:40 | NUMERICAL INVESTIGATION OF BEHAVIOUR OF SHP STEEL WELDED I-SECTION COLUMNS IN FIRE UNDER AXIAL COMPRESSION | Fathimath Zenha K,Dr. Rajeevan B, | SIIOC-041 |
| | | | 14:40-14:50 | EFFECT OF REINFORCED CONCRETE BEAMS WITH CIRCULAR OPENING IN FLEXURAL AND SHEAR ZONE | Chirag KaPatel,Dr. R. K. Sheth | SIIOC-058 |
| | | | 14:50-15:00 | BIO-ENZYME AMENDED BUILDING BLOCKS BY PARTIAL REPLACEMENT OF CLAY WITH NATIVE SOIL | M Harikumar,Saurabh Shivhare,Krishna Priya S, Hariom Sarswat, Sudeepta S, K. Harish | SIIOC-081 |
| | | | 15:00-15:10 | THE SHEAR STRENGTH BEHAVIOUR OF NATURAL JOINT INFILL. | Dr. Sandeep Bhardwaj,Dr. K. Seshagiri Rao | SIIOC-084 |
| | | | 15:10-15:20 | VULNERABILITY AND SENSITIVITY ASSESMENT OF RC STRUCTURE WITH UNCERTAINTY IN MATERIAL PROPERTIES | Ashwini L K,M Keshavamurthy,C M Ravikumar | SIIOC-088 |
| 1.2 | CONCRETE TECHNOLOGY | LH4,LHC-C | 14:00-14:10 | GLASS FIBER AND NANO-SILICA IN CONCRETE: A REVIEW | Ashish Attari,Dr. Balwinder Lalotra | SIIOC-014 |
| | | | 14:10-14:20 | EFFECT OF NANO-TIO2 AND CARBON NANOTUBE ON CONCRETE PROPERTIES | Vaishali Gupta,Dr. Balwinder Lalotra | SIIOC-022 |
| | | | 14:20-14:30 | FIRE RESISTANCE OF CONCRETE WITH PARTIAL REPLACEMENT OF CERAMIC WASTE AND CARBON FIBRES AS ADDITIVES | Narasimha Murthy K N,Beevi Mymoon,Nelda Paul | SIIOC-039 |
| | | | 14:30-14:40 | EFFICIENCY OF GGBS (GROUND GRANULATED BLAST FURNACE SLAG) COMBINED WITH F-A (FLY-ASH) IN PRODUCING ECO-EFFICIENT SUSTAINABLE BRICKS | Debjit Mitra Roy,Debjit Mitra Roy | SIIOC-060 |
| | | | 14:40-14:50 | EFFECT OF RECYCLED AGGREGATES ON THE STRUCTURAL BEHAVIOUR OF GEOPOLYMER CONCRETE COLUMNS REINFORCED WITH GLASS-FIBER-REINFORCED POLYMER (GFRP) BARS. | Nagendra V,R Sridhar,Rudraswamy M P | SIIOC-074 |
| | | | 14:50-15:00 | EXPERIMENTAL INVESTIGATION ON GPC WITH PARTIAL REPLACEMENT OF COARSE AGGREGATES BY GRANITE CHIPS. | Sameer Yandigeri,Dr M.V.Chitawadagi,Chaitanya Akkannavar, Gurunath Kampli | SIIOC-144 |
| | | | 15:00-15:10 | RICE HUSK ASH BASED SODIUM SILICATE SOLUTION AS THE ACTIVATOR SOLUTION IN GEOPOLYMER CONCRETE | A. Chithambar Ganesh,Hemadri Prasad Raju,R. Mohana | SIIOC-157 |
| | | | 15:10-15:20 | UTILIZING CHICKEN FEATHER POWDER AS A BIO-MODIFIER FOR ASPHALT BINDER AND MIXTURE CHARACTERIZATION | Rahul M S,Suraj S Jakati,Sahana K, G Shiva Kumar | SIIOC-184 |
| 1.3 | GEOTECHNICAL AND EARTHQUAKE ENGINEERING | LH8,LHC-C | 14:00-14:10 | ASSESSMENT OF DIFFERENT METHODS FOR DETERMINING BEARING CAPACITY FOR SHALLOW FOUNDATION ON HILL SLOPE | K ZIRSANGZELI,Dr. Rebecca Ramhmachhuani | SIIOC-017 |
| | | | 14:10-14:20 | TO STUDY THE STRENGTH BEHAVIOUR OF INTACT ROCK UNDER TRIAXIAL STRESS SYSTEM | vijeta,Ashwani Jain | SIIOC-085 |
| | | | 14:20-14:30 | DISASTER RISK REDUCTION POLICIES AND ITS IMPLEMENTATION IN INDIA – A REVIEW | AREKAL VIJAY,Gunasheela P | SIIOC-086 |
| | | | 14:30-14:40 | COMPARATIVE STUDY OF PILE SUPPORTED WHARF STRUCTURE INCLUDING SOIL STRUCTURE INTERACTION EFFECTS USING NONLINEAR STATIC PUSHOVER ANALYSIS. | Jayesh Prajapati,Rutvik Sheth | SIIOC-129 |
| | | | 14:40-14:50 | RESPONSE VARIATION OF BODY-REINFORCED EMBANKMENTS SUBJECTED TO SEISMIC LOAD | Radhika M Patel,B. R. Jayalekshmi,R. Shivashankar | SIIOC-167 |
| | | | 14:50-15:00 | EFFECT OF BLAST FURNACE SLAG AND ILMENITE SLUDGE ON LATERITIC SOIL FOR GEOTECHNICAL APPLICATIONS | AISWARYA A P,Dr.K.BALAN,A,ANJALI | SIIOC-169 |
| 1.4 | TRANSPORTATION ENGINEERING | CR11,LHC-C | 14:00-14:10 | INVESTIGATION OF NEW TUNNEL LOCATION SURROUNDED WITH EXISTING TUNNEL ALIGNMENT USING FINITE ELEMENT APPROACH. | SNEHAL VASANT HOLKAR,ARUNA THUBE,SHILPA DESHPANDE | SIIOC-011 |
| | | | 14:10-14:20 | PARAMETRIC STUDY OF INFLUENCE OF TUNNEL SHAPE ON FACE STABILITY WITH ITS OPTIMIZATION IN WEAK ROCK REGION | Anjali Amrut Nikam,Shilpa Deshpande,Namdeo Hedaoo | SIIOC-050 |
| | | | 14:20-14:30 | SPATIO-TEMPORAL SPEED CHARACTERIZATION OF BUS RAPID TRANSIT SYSTEM | Vijay Shivabasappa Angadi,Shivaraj Halyal,Dr. Raviraj H Mulangi | SIIOC-051 |
| | | | 14:30-14:40 | UTILIZATION OF CONSTRUCTION & DEMOLITION WASTE RECYCLED MIXED AGGREGATES IN RIGID PAVEMENTS | Puneeth H C,Dr.S.P.MAHENDRA,Ashwini K | SIIOC-054 |
| | | | 14:40-14:50 | ESTIMATION OF PASSENGER CAR UNIT FOR E-RICKSHAW IN MIXED TRAFFIC CONDITION PREVALENT IN INDIA | Waquar Ahmad Siddiqui,Assistant Professor Sunil Sharma | SIIOC-056 |
| | | | 14:50-15:00 | OPERATING SPEED MODELS OF CAR, LCV AND HCV FOR TWO LANE TWO WAY RURAL HIGHWAY IN HILLY TERRAIN. | Shivam Kumar,Akarshit Awasthi,Prof. Raman Parti | SIIOC-057 |
| | | | 15:00-15:10 | CRITICAL SAFETY ISSUES ON A TWO LANE RURAL HIGHWAY- A CASE STUDY FROM NH-3 | Akshay Kumar,Dr. Sunil Sharma | SIIOC-061 |
| | | | 15:10-15:20 | EVALUATION OF STRENGTH AND PERFORMANCE OF SUBGRADE SOIL STABILIZED USING RAP AND ITS ANALYSIS USING IITPAVE: CASE STUDY-MUNROE ISLAND | Harsha R | SIIOC-075 |
| 1.5 | ENVIRONMENTAL ENGINEERING | NEW SEMINAR HALL, CIVIL DEPARTMENT | 14:00-14:10 | SURFACE WATER QUALITY ASSESSMENT USING A NEW INTEGRATED WQI AND MCDM ANALYSIS IN MAHANADI BASIN, ODISHA | Abhijeet Das | SIIOC-006 |
| | | | 14:10-14:20 | CONTAMINANTS OF EMERGING CONCERN AND REMOVAL TECHNOLOGIES-A REVIEW | Nayanathara O S,Aswathy E V | SIIOC-023 |
| | | | 14:20-14:30 | EXPERIMENTAL STUDY OF SMART PRESSURE MONITORING SYSTEM BASED ON IOT FOR WATER SUPPLY NETWORK | NISHANT KUMAR,MAYANK TYAGI,VIJAY KUMAR BANSAL | SIIOC-042 |
| | | | 14:30-14:40 | SMART STUDY ON LEAKAGE DETECTION IN WATER DISTRIBUTION SYSTEM THROUGH EXPERIMENTAL BASIS | Mayank Tyagi,Chandra Prakesh,Joseph Tripura | SIIOC-048 |
| | | | 14:40-14:50 | SEASONAL VARIATION OF BAP [BENZO (A) PYRENE] IN AMBIENT AIR OF URBAN TO PERI-URBAN AREAS OF NAVI MUMBAI W.R.T. PARTICULATE MATTER | Namrata Kislay,Harshala kasalkar, Dr. Nilesh Deorao Wagh | SIIOC-072 |
| | | | 14:50-15:00 | EFFECT OF GREYWATER SOURCE ON THE QUANTITY AND QUALITY OF GREYWATER | Irshad N. Shaikh,M. Mansoor Ahmmed | SIIOC-101 |
| | | | 15:00-15:10 | GROUNDWATER QUALITY ASSESSMENT IN UNA DISTRICT OF HIMACHAL PRADESH OVER THE PAST 18 YEARS (2000-2018) USING GIS TECHNIQUE. | Lalit Bahal,Dr Chander Prakash | SIIOC-103 |
| | | | 15:10-15:20 | BOTTOM ASH PRODUCTION, UTILIZATION, DISPOSAL AND ITS IMPACT ON ENVIRONMENT: A REVIEW OF STATE-OF-THE-ART | Khushboo Vishwakarma,Dr. Shruti Shukla | SIIOC-108 |

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| 1.6 | HYDROLOGY&IRRIGATION ENGINEERING | OLD SEMINAR HALL, CIVIL DEPARTMENT | 14:00-14:10 | A STUDY ON SUBMERGED ARTIFICIAL REEF UNDER BREAKING WAVES | MUHAMMAD JUNAID P K,Dr. K.V. Anand | SIIOC-087 |
| | | | 14:10-14:20 | APPLICATION OF THE HEC-HMS MODEL FOR RAINFALL-RUNOFF SIMULATION: A CASE STUDY OF THE PURNA RIVER BASIN | Darshan J. Mehta,Dr. Sanjaykumar M. Yadav | SIIOC-189 |
| | | | 14:20-14:30 | TOWARDS SUSTAINABLE WATER MANAGEMENT:A NOVEL APPROACH OF HYDROLOGICAL MODELLING AND FLOOD FREQUENCY ANALYSIS FOR UPPER SABARMATI RIVER BASIN | Krisee Patel,Anant Patel | SIIOC-344 |
| | | | 14:30-14:40 | A NOVEL APPROACH FOR DEVELOPING FLOOD RISK MAPS USING GIS TECHNOLOGY | Anant Patel,Nirali Chaudhari,Rinali Patel, Vyas Daivee | SIIOC-365 |
| | | | 14:40-14:50 | DETERMINATION OF GROUND WATER QUALITY FOR DRINKING AND IRRIGATION PURPOSES IN MADURAI USING WATER QUALITY INDICES | Deepak M,Andal. L.,Rajapriya R, Agheshwaran M, Ganesan H | SIIOC-415 |
| | | | 14:50-15:00 | BIOMETHANATION OF ORGANIC FRACTION OF MSW | Tintu Mary C,Swarnalatha K,Ancy, Ardra | SIIOC-135 |
| | | | | BREAK | | |
| 2.1 | STRUCTURAL ENGINEERING | LH3,LHC-C | 15:50-16:00 | CYCLIC BEHAVIOUR OF COMPOSITE TUBULAR COLUMNS WITH CONCRETE ENCASED IN HDPE TUBES. | R Sridhar,Guruprasad H C,Rudraswamy M P | SIIOC-100 |
| | | | 16:00-16:10 | STUDY OF VARIATION IN STRUCTURAL PARAMETER FOR DIFFERENT PYLON HEIGHT OF A LONG SPAN CABLE STAYED BRIDGE | Suhas V Kumar,Dr. Tauhidur Rahman | SIIOC-132 |
| | | | 16:10-16:20 | THERMO-STRUCTURAL ANALYSIS OF CRYOGENIC TANK OVER A LNG CARRIER SHIP | Binsina Rahmath,Anil Kumar Dash,Vishwanath Nagarajan | SIIOC-150 |
| | | | 16:20-16:30 | HEALTH MONITORING OF INDUSTRIAL STRUCTURE UNDER EARTHQUAKE FORCES: A STUDY | G Rahul Raj,DR. A K Datta | SIIOC-214 |
| | | | 16:30-16:40 | HEALTH MONITORING OF ASCE BENCHMARK BUILDING USING DATA-BASED MACHINE LEARNING ALGORITHMS | Chandesh Palsara,Maloth Naresht,Vimal Kumar,Joy Pal | SIIOC-232 |
| | | | 16:40-16:50 | DYNAMIC ANALYSIS OF STEEL FRAMED STRUCTURE UNDER DIFFERENT DAMAGE SCENARIOS | Mahalaxmi S. Sunagar,Naveen B. O.,Jayanth K. | SIIOC-250 |
| | | | 16:50-17:00 | EFFECT OF PIER AND DECK FLEXIBILITY ON THE BEHAVIOR OF ISOLATED INTEGRAL BRIDGE UNDER FAR AND NEAR-FIELD EARTHQUAKE | Kedar Ramesh Kumbhokar | SIIOC-251 |
| | | | 17:00-17:10 | SEISMIC VIBRATION CONTROL OF EIGHT-STOREY BUILDING USING PASSIVE TUNED LIQUID COLUMN DAMPER | Gaurav kumar shukla,Gyanendra Kumar Chaturvedy,Umesh Kumar Pandey | SIIOC-255 |
| 2.2 | CONCRETE TECHNOLOGY | LH4,LHC-C | 15:50-16:00 | GEOPOLYMER CONCRETE - ADVANCEMENTS, CHALLENGES, AND FUTURE PROSPECTS | Panchami R,Deepa Raj S | SIIOC-202 |
| | | | 16:00-16:10 | EXPERIMENTAL STUDIES ON THE MECHANICAL AND DURABILITY PROPERTIES OF MORTAR CONTAINING WASTE GLASS POWDER AS PARTIAL REPLACEMENT OF CEMENT | Shaurya Chopra,M H Prashanth,Kuttagola Imran | SIIOC-220 |
| | | | 16:10-16:20 | GROUND GRANULATED BLAST FURNACE SLAG AS A POTENTIAL BINDER IN THE GEO-POLYMERIC CONCRETE - A REVIEW. | Siba Sankar Chanda,Shyamal Guchhait, | SIIOC-223 |
| | | | 16:20-16:30 | CHARACTERISTICS ANALYSIS OF GEOPOLYMER CONCRETE INCORPORATED WITH MICROENCAPSULATION PHASE CHANGE MATERIALS - A COMPREHENSIVE REVIEW | Amanpreet Singh,Khushpreet Singh, | SIIOC-226 |
| | | | 16:30-16:40 | COMPRESSED STABILIZED EARTH BLOCK (CSEB) WATER ABSORPTION AND MECHANICAL AND PROPERTIES STUDY USING LIME POWDER REPLACEMENT OF CEMENT | Shubham sourabh,SHRUTHI B S | SIIOC-230 |
| | | | 16:40-16:50 | A PROSPECTIVE REVIEW OF ALCCOFINE BASED MORTAR WITH DIFFERENT NANOMATERIALS - A PERFORMANCE EVALUATION APPROACH | Venkatesh Wadki,Dr. Chunchu Balarama Krishna | SIIOC-283 |
| | | | 16:50-17:00 | PERFORMANCE OF FLY ASH AND POLYETHYLENE GLYCOL-400 (PEG-400) BASED ON SELF COMPACTING SELF CURING CONCRETE | Grace Lalremruati,Sanjay Raj A,Sunil Kumar Tengli | SIIOC-295 |
| | | | 17:00-17:10 | INFLUENCE OF MATERIALS IN THE PRODUCTION OF UHPC: A REVIEW | Yash Raj,Khushpreet Singh | SIIOC-308 |
| 2.3 | GEOTECHNICAL AND EARTHQUAKE ENGINEERING | LH8,LHC-C | 15:50-16:00 | ANALYSIS OF EMBANKMENTS SUPPORTED OVER VARIABLE LENGTH PILE TO IMPROVE SOFT GROUND | Radhika M Patel,Syeda Muthara,Sowmya P., Viresh Kumar, Vamshi Kishore H. P. | SIIOC-183 |
| | | | 16:00-16:10 | COMPARISON OF SEISMIC DESIGN OF BUILDING AS PER GENERALIZED APPROACH BY ASCE-7, AND SEISMIC HAZARD ASSESSMENT. | Amit K Yadav,Prof. (Dr.) R. K. Sheth | SIIOC-186 |
| | | | 16:10-16:20 | EMBANKMENT STABILITY ENHANCEMENT BY THE ADDITION OF SLUDGE AND FLY ASH TO QUARRY DUST AND LATERITIC SOIL | Meenu Shibu,Dr. K Balan,Anisha S | SIIOC-199 |
| | | | 16:20-16:30 | SEISMIC SOIL LIQUEFACTION OF HARYANA STATE BY PROBABILISTIC APPROACH | Pragya Singh,Ashwani Jain | SIIOC-200 |
| | | | 16:30-16:40 | SOIL AMPLIFICATION STUDIES OF SECTOR 62, NOIDA, INDIA | Alok Kumar,Ajay K. Prabhakar,Anindya Pain | SIIOC-205 |
| | | | 16:40-16:50 | TWIN TUNNELLING INDUCED GROUND DEFORMATIONS UNDER GREENFIELD CONDITIONS: PARAMETRIC STUDY | Jyoti Agarwal,Raju Sarkar | SIIOC-227 |
| | | | 16:50-17:00 | EFFECT OF BAGASSE ASH AND FERRIC CHLORIDE ON PROPERTIES OF SOIL | N Srilatha,Vinod B R,Anthony Raj | SIIOC-241 |
| | | | 17:00-17:10 | INFLUENCE OF SUGARCANE BAGASSE AND LDPE WASTE PLASTIC BY PARTIAL REPLACEMENT TO THE BLACK COTTON SOIL AT SUBGRADE. | Harshal Pradeep Patil,Rajshekhar Rathod,Avinash Rakh | SIIOC-290 |
| 2.4 | TRANSPORTATION ENGINEERING | CR11,LHC-C | 15:50-16:00 | INVESTIGATION OF IMPACTS OF CASTOR OIL AS A REJUVENATOR ON RECYCLED ASPHALT PAVEMENT. | Sandra R S | SIIOC-077 |
| | | | 16:00-16:10 | REVIEW OF PUBLIC TRANSPORTATION TRIP GENERATION IN INDIA | MD SAMIULLAH,Dr Ch. Ravi Sekhar,Dr K.K Singh, Gourav chauhan | SIIOC-090 |
| | | | 16:10-16:20 | PERFORMANCE EVALUATION OF PAVER BLOCKS INCORPORATED WITH NATURAL RUBBER LATEX AS ADMIXTURE FOR HEAVY AND VERY HEAVY TRAFFIC CONDITIONS | LUJ ANNA MATHEW,GLORY JOSEPH | SIIOC-091 |
| | | | 16:20-16:30 | ANALYSIS AND MODELLING OF TIME HEADWAY ON 2-LANE RURAL HIGHWAY IN HETEROGENEOUS TRAFFIC CONDITIONS | Ravi Kumar,Dr. Vijay Kumar Bansal | SIIOC-104 |
| | | | 16:30-16:40 | COMPARISON OF SARIMA, FB-PROPHET AND NEURAL-PROPHET MODELS FOR TRAFFIC FLOW PREDICTIONS AT A BUSY URBAN INTERSECTION | Jenitta Pragalathan,Dieter Schramm | SIIOC-128 |
| | | | 16:40-16:50 | MECHANICAL PROPERTIES OF ASPHALT MIXTURES WITH VARIABLE AMOUNTS OF RECLAIMED ASPHALT PAVEMENT (RAP) | ABHINAY THAKUR,Dr. Vijay Kr. Bansal | SIIOC-162 |
| | | | 16:50-17:00 | EXPERIMENTAL STUDY ON APPLICATION OF REDGYPSUM AND BLAST FURNACE SLAG IN PAVEMENT CONSTRUCTION | ANSU M DANIEL,Dr. K BALAN,Gayathri Devi M N, Anjali | SIIOC-163 |
| | | | 17:00-17:10 | INVESTIGATION OF RUTTING RESISTANCE OF PYRO-OIL MODIFIED RECLAIMED ASPHALT PAVEMENT (RAP) BINDER. | Rathod Alka,Pranoti Dare,Namdeo Hedao | SIIOC-171 |
| 2.5 | ENVIRONMENTAL ENGINEERING | NEW SEMINAR HALL, CIVIL DEPARTMENT | 15:50-16:00 | PARAMETRIC STUDY OF MACRO AND MICRONUTRIENTS IN CROPS GROWN BY USING DEWATERED STABILIZED SEWAGE SLUDGE AS FERTILIZER AND SOIL. | Adarsh Singh,Surjit Singh Katoch,Farmaan Mushtak | SIIOC-187 |
| | | | 16:00-16:10 | COAGULANT RECOVERY FROM WATER TREATMENT RESIDUALS: A REVIEW | Shubhani Sharma,M. Mansoor Ahammed | SIIOC-222 |
| | | | 16:10-16:20 | FEASIBILITY STUDY OF PHOTOCATALYTIC TREATMENT OF BINARY MIXTURE | Barakam Manoj Kumar,Alok Garg | SIIOC-240 |
| | | | 16:20-16:30 | INVESTIGATION OF A MODIFIED BINDER PREPARED FROM WASTE TIRES, USED ENGINE OIL, AND COAL TAR FOR ROAD CONSTRUCTION APPLICATION | Patil Shashwat Yeshwantrao,Shinde Saurabh Eknath,Dr. S. M. Nawghare | SIIOC-244 |
| | | | 16:30-16:40 | HYDRAULIC RELIABILITY OF BUILDING WATER SUPPLY SYSTEM NETWORK DESIGNED USING FIS-BASED END-USE MODEL | Rohit D. Mangalekar,Krishnakedar S. Gumaste | SIIOC-247 |
| | | | 16:40-16:50 | SUSTAINABLE PATHWAY FOR IMPLEMENTING FAECAL SLUDGE MANAGEMENT IN RURAL AREAS | Jithendra. S,Dr. Jagdish H Godihal | SIIOC-257 |
| | | | 16:50-17:00 | SUSTAINABLE INFRASTRUCTURE SYSTEM FOR SOLID WASTE MANAGEMENT IN BENGALURU CITY | HARSHAVARDHANA,Dr. JAGDISH H GODIHAL | SIIOC-258 |

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| | | | 17:00-17:10 | EXPERIMENTAL INVESTIGATION ON PROPERTIES OF PLASTIC WASTE REINFORCED ROAD SUBGRADE | Arpit S Vyas,Dr. Anil N Ghadge | SIIOC-394 |
| 2.6 | TRANSPORTATION ENGINEERING | OLD SEMINAR HALL, CIVIL DEPARTMENT | 15:50-16:00 | EVALUATING TRAFFIC CONGESTION ON URBAN ARTERIALS UNDER MIXED TRAFFIC CONDITIONS | Dr. Hareshkumar Dahyabhai Golakiya,Dr. Ashish Dhmaniya | SIIOC-175 |
| | | | 16:00-16:10 | STUDY OF TRAFFIC MOVEMENTS AT CHRIST COLLEGE ROAD JUNCTION, IRINJALAKUDA THRISSUR. | Anlie Mariya Jaison,Farhana A F,Femina K J, Tiya Victor, Jino John, Vince Paul | SIIOC-191 |
| | | | 16:10-16:20 | TRAFFIC ACCIDENT ANALYSIS AND IDENTIFYING HOTSPOTS USING GIS FOR KOLKATA CITY | Mursalim Hoque,Dr. Vijay Kr. Bansal | SIIOC-198 |
| | | | 16:20-16:30 | ANALYSIS OF SELF-HEALING PROPERTY OF CHAR MODIFIED BITUMEN | Sayali Sonar,Aruna Thube | SIIOC-224 |
| | | | 16:30-16:40 | PEDESTRIAN TRAFFIC SIMULATION FOR FACILITY PLANNING AT MULTIMODAL INTEGRATION OF METRO STATION | Tanmay Subhash Nalawade,Suvasish Mukhopadhyay | SIIOC-229 |
| | | | 16:40-16:50 | SYNCHRONIZED SIGNAL CONTROL MODEL FOR BUS RAPID TRANSIT SYSTEM (BRTS) CORRIDOR | SHAIKH SAAD A. MAJEED,Dr. Aruna Thube | SIIOC-234 |
| | | | 16:50-17:00 | LABORATORY ASSESSMENT OF SBS-MODIFIED MIXTURES CONTAINING ZEOLITE AND SASOBT | Swapnil Sukhadev Bhosale,Suvasish Mukhopadhyay | SIIOC-239 |
| | | | 17:00-17:10 | IDENTIFICATION AND PRIORITIZATION OF ACCIDENT BLACK SPOTS USING GIS IN DELHI | Rahul Kumar | SIIOC-245 |
| | | | 17:10-17:20 | SERVICEABILITY PERFORMANCE OF DAPODI-NIGDI ROAD. | Samradni S Mulay ,Prof. Sagar K Sonawane,Prof. Achyut A Deshmukh | SIIOC-323 |
| | | | | DAY 2(21-04-2023) | | |
| 3.1 | STRUCTURAL ENGINEERING | LH3,LHCC | 09:00-09:10 | SEISMIC VIBRATION CONTROL OF EIGHT STOREY BUILDING USING PASSIVE FRICTION DAMPERS | Chiragkumar Jugalbhai Maheswari,Gyanendra Kumar Chaturvedy,Umesh Kumar Pandey | SIIOC-256 |
| | | | 09:10-09:20 | THERMAL ANALYSIS AND TEMPERATURE DISTRIBUTION ACROSS THE CROSS SECTION OF LUHRI CONCRETE DAM DURING EARLY AGE | Pratibha Thakur,Pardeep Kumar | SIIOC-268 |
| | | | 09:20-09:30 | A DEEP LEARNING APPROACH FOR STRUCTURAL HEALTH MONITORING OF WIND TURBINE USING CNN ALGORITHM. | NISHA,Pradeep Kumar,Joy Pal | SIIOC-281 |
| | | | 09:30-09:40 | LOCALIZATION OF AE SOURCE IN PLATES USING ANN APPROACH: AN EXPERIMENTAL INVESTIGATION | Gudipati Bhanu kiran,Tamal Kundu,Neetika Saha, Parikshit Roy, Pijush Topdar | SIIOC-310 |
| | | | 09:40-09:50 | VULNERABILITY ASSESSMENT OF RC BUILDING BY INCREMENTAL DYNAMIC ANALYSIS APPROACH | Shreyansh N Rawal | SIIOC-330 |
| | | | 09:50-10:00 | NUMERICAL AND EXPERIMENTAL INVESTIGATION OF A CONFINED GEOMATERIAL SUBJECTED TO VIBRATORY LOAD | Ammu Boban,Yakshansh Kumar,Prof. Ashutosh Trivedi | SIIOC-348 |
| | | | 10:00-10:10 | DESIGN AND ANALYSIS AUTOMATION IN AN ISOGRID INTERSTAGE STRUCTURE OF A TYPICAL LAUNCH VEHICLE | REETA JOJO,Dhanya .S | SIIOC-363 |
| 3.2 | CONCRETE TECHNOLOGY | LH4,LHCC | 09:00-09:10 | TIMBERCRETE BLOCKS FOR TEMPORARY STRUCTURES | Lakshmi S,Supraja P,Sreya S, Dashitha L | SIIOC-339 |
| | | | 09:10-09:20 | AN EXPERIMENTAL INVESTIGATION ON THE PROPERTIES OF CONCRETE USING NATURAL SOIL DEPOSIT | Pritam Singh,Suman Saha,Amiya Kr. Samanta | SIIOC-357 |
| | | | 09:20-09:30 | AN EXPERIMENTAL INVESTIGATION TO DEVELOP HEAT RESISTANT MORTAR MIXES USING EXFOLIATED VERMICULITE | Shriti Singh,Amiya Kr. Samanta,Suman Saha | SIIOC-358 |
| | | | 09:30-09:40 | RECYCLING OF GRANULATED BLAST FURNACE SLAG AS FINE AGGREGATE IN MASONRY MORTARS | Vibha v,B. V. Venkatarama Reddy | SIIOC-374 |
| | | | 09:40-09:50 | PERFORMANCE OF PLAIN CONCRETE COLUMN CONFINED WITH COLD FORMED STEEL UNDER AXIAL COMPRESSION | VENKAT RAJ KONAM,PRANOY ROY,Amiya Kr. Samanta | SIIOC-377 |
| | | | 09:50-10:00 | COMPARATIVE STUDY OF VARIOUS CURING COMPOUNDS FOR STRENGTH AND DURABILITY TESTS AS PER ASTM C 309 | Aman Sonker,Dr. Swapnil Wanjari | SIIOC-403 |
| | | | 10:00-10:10 | EXPERIMENTAL STUDY ON RECYCLED WASTE PLASTIC MATERIAL IN CONCRETE | PAVAN T S,JASWANTH M ,YASHASWINI B S | SIIOC-138 |
| | | | 10:10-10:20 | THE USE OF ARTIFICIAL NEURAL NETWORK MODEL TO PREDICT THE COMPRESSIVE STRENGTH OF SUSTAINABLE GEOPOLYMER CONCRETE: A SYSTEMATIC REVIEW | Shimol Philip,Dr. Nidhi M | SIIOC-021 |
| | | | 10:20-10:30 | SUSTAINABLE DEVELOPMENT OF CEMENTITIOUS SYSTEM WITH THE GROUNDNUT SHELL ASH AS PARTIAL CEMENT MATERIAL | Dr.K.Nandhini | SIIOC-262 |
| 3.3 | GEOTECHNICAL AND EARTHQUAKE ENGINEERING | LH8,LHCC | 09:00-09:10 | INVESTIGATION OF IMPACT OF RED GYPSUM AND FLYASH ON QUARRY DUST STABILISED EMBANKMENT SOIL | gowri s laI,Dr K Balan | SIIOC-336 |
| | | | 09:10-09:20 | STRENGTHENING OF HIGHWAY EMBANKMENT WITH THE USE OF LATERITE SOIL AND QUARRY DUST BY THE PARTIAL REPLACEMENT OF BLAST FURNACE SLAG & FLY ASH | Bismi K R,Dr. K. Balan,Amritha | SIIOC-349 |
| | | | 09:20-09:30 | NUMERICAL ANALYSIS AND IMPLICATIONS OF FLUCTUATING WATER LEVELS ON SLOPE STABILITY | Vaishnavi Bansal,Prof. Raju Sarkar | SIIOC-354 |
| | | | 09:30-09:40 | EXPERIMENTAL STUDIES ON THE INFLUENCE OF PRESTRESS IN GEOGRID REINFORCED FOUNDATION | Neema Therese,Dr. Jayamohan J,Thasneem SS, Keerthana S Manoj, Gayathri G, Aneena S Philip, Dr. Naveen S | SIIOC-382 |
| | | | 09:40-09:50 | ECONOMIC EVALUATION AND FEASIBILITY STUDIES OF INDOLI PHATA (KM. 704/200 OF NEW NH-48) BEFORE AND AFTER CONSTRUCTION OF VEHICULAR UNDERPASS. | Abhay A Murde,Sagar K Sonawane,Harishkesh Mulay | SIIOC-387 |
| | | | 09:50-10:00 | ALIGNMENT FEASIBILITY STUDY OF KARIAT SHIRUR ROAD BY USING CIVIL 3D | Amruta B Khunte,Avinash Rakh,Sagar Sonawane | SIIOC-401 |
| | | | 10:00-10:10 | REVIEW ON UTILIZATION AND BENEFITS OF CONSTRUCTION DEMOLISHED WASTE AND CRUM RUBBER IN RIGID PAVEMENT | D. Harinder,E. Madhu,K. Ravindra Babu | SIIOC-422 |
| | | | 10:10-10:20 | EFFECT OF WET DRY CYCLES ON THE BEHAVIOUR OF DREDGED MARINE CLAY | MIDHUN K R,Dr. Salini U,Swathy Pushpan | SIIOC-407 |
| | | | 10:20-10:30 | PERFORMANCE, EVALUATION AND ANALYSIS OF GRANULAR PILE FOUNDATION FOR EXPANSIVE SOIL | Sai Keerthi R,Naidille S,Arpitha D | SIIOC-201 |
| 3.4 | TRANSPORTATION ENGINEERING | CR11,LHCC | 09:00-09:10 | OPTIMAL LOCATIONS FOR BIKESHARE STATIONS USING GIS AND HUFF'S GRAVITY MODEL | Mansha Verma | SIIOC-246 |
| | | | 09:10-09:20 | A STUDY ON THE PERFORMANCE OF STONE MATRIX ASPHALT USING VARIOUS MODIFIERS | Ajinkya Patil,Swapnil Bhosale,S.M. Mukhopadhyay | SIIOC-249 |
| | | | 09:20-09:30 | EFFECT OF ADDITION OF HDPE PYRO-OIL ON TRANSITION TEMPERATURE OF RECLAIMED ASPHALT BINDER | Pranoti Deepak Dare,Dr. N. A. Hedaoo | SIIOC-276 |
| | | | 09:30-09:40 | DESIGN OF SIGNAL FOR NEWLY PROPOSED ROAD BY WEBSTER METHOD | Aniket Ashokrao Kamble,K.A Patil | SIIOC-304 |
| | | | 09:40-09:50 | INVESTIGATION OF BITUMEN MODIFIED USING HIGH-DENSITY POLYETHYLENE PYROLYSIS OIL | Shinde Saurabh Eknath,Dr. N. A. Hedaoo | SIIOC-314 |
| | | | 09:50-10:00 | EFFECT OF ROAD MARKING IN LATERAL PLACEMENT ON HORIZONTAL CURVES IN TWO LANE TWO-WAY RURAL ROADS IN HILLY TERRAIN. | Abhishek,Professor Raman Parti,Vijay Chaudhry | SIIOC-321 |
| | | | 10:00-10:10 | ENHANCEMENT IN SUBGRADE SOIL WITH MARBLE DUST & POLYPROPYLENE FIBRE FOR PAVEMENT AND EFFECT ON PAVEMENT THICKNESS | Ramprasad Bajare,Aruna Thube | SIIOC-327 |
| | | | 10:10-10:20 | EVALUATION OF TRAFFIC CONGESTION ON ROAD AND CHECKING FEASIBILITY OF CONGESTION PRICING ON INDIAN ROAD CONDITION | Radhika Pachfule,Suvasish Mukhopadhyay | SIIOC-333 |
| | | | 10:20-10:30 | UTILIZATION OF RECYCLED CONCRETE COARSE AGGREGATES (C&WASTE) IN RIGID PAVEMENT | Puneeth H C,Dr.S.P.MAHENDRA,Chaithra B R | SIIOC-037 |
| | | | 09:00-09:10 | PLACEMENT DEPTH AND LAYERING EFFECT OF GEOGRID REINFORCEMENT IN SOFT SUBGRADE USING DIGITAL STATIC CONE LAB PENETRATION TEST | Ammu Boban,Kshitij Gaur,Prof. Ashutosh Trivedi | SIIOC-355 |

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| 3.5 | TRANSPORTATION ENGINEERING | NEW SEMINAR HALL, CIVIL DEPARTMENT | 09:10-09:20 | INVESTIGATION ON PERFORMANCE OF SEMI-FLEXIBLE PAVEMENT USING VARIOUS GROUTING MATERIALS. | Prabhakar Patil,Vinay Patil,Dr. Sariput Nawghare | SIIOC-337 |
| | | | 09:20-09:30 | DEVELOPMENT OF RUTTING MODEL FOR HIGHWAYS BASED ON RUT DEPTH SIMULATIONS | Patil Vinay Dattatray,Dr. S. M. Nawghare | SIIOC-338 |
| | | | 09:30-09:40 | EXPERIMENTAL INVESTIGATION OF ZYCOTHERM AND BITUGRIP MODIFIED BITUMEN. | Saurabh Dhumal,Ankita Kalme,Dr. K. A. Patil | SIIOC-340 |
| | | | 09:40-09:50 | OPTIMIZATION OF PEDESTRIAN PHASE PATTERNS AND SIGNAL TIMING AT AN UNSIGNALIZED INTERSECTION | Rashmi Bhole,Suvasish Mukhopadhyay | SIIOC-346 |
| | | | 09:50-10:00 | FEASIBILITY STUDY OF MECHANIZED TUNNELLING USING TUNNEL BORING MACHINE IN MOUNTAINOUS REGION OF HIMALAYA. | Pawan Puri,Namdeo Hedao,Shilpa Kulkarni | SIIOC-353 |
| | | | 10:00-10:10 | RESTRUCTURING OF THE RIGID PAVEMENT BY RECLAIMED DEMOLISHED WASTE | Aishwarya Kokate,Aruna Thube | SIIOC-356 |
| | | | 10:10-10:20 | ENTRY CAPACITY MODELLING FOR UNSIGNALIZED ROUNDABOUTS UNDER MIXED TRAFFIC CONDITIONS | Ankita Madhukar Kalme,Kailas Arjun Patil | SIIOC-375 |
| | | | 10:20-10:30 | CHALLENGES TO SUSTAINABLE ROAD TRANSPORT IN INDIA-A REVIEW | Varshini Amruthashree C ,Rohan R,S P Mahendra, Arpitha D | SIIOC-145 |
| 3.6 | STRUCTURAL ENGINEERING | OLD SEMINAR HALL, CIVIL DEPARTMENT | 09:00-09:10 | EFFECT OF INFILLS WITH REALISTIC OPENINGS ON THE SEISMIC PERFORMANCE OF GRAVITY LOAD DESIGNED RC BUILDINGS | P. L. Kurmi,Deepa Telang,Neeraj Kumar | SIIOC-385 |
| | | | 09:10-09:20 | COMPARATIVE STUDY OF RCC BOX GIRDER AND SOLID BLOCK FOUNDATION RESTING ON SUBGRADE. | Lalit Kumawat,Nikunj Binnani,Govind Parchani, Rakesh Kumar Khare, Amit Rangire, Alark Patidar | SIIOC-388 |
| | | | 09:20-09:30 | COMPARATIVE STUDY OF RCC SOLID SLAB AND RCC BOX TYPE SLAB FOR WATER UPTHRUST | Shubham rathore,Rakesh Kumar Khare | SIIOC-404 |
| | | | 09:30-09:40 | DATA-BASED HEALTH MONITORING OF WIND TURBINE BLADE USING MACHINE LEARNING ALGORITHM | ROHIT RAJ,MALOTH NARESH,JOY PAL,AMRIT KUMAR ROY | SIIOC-209 |
| | | | 09:40-09:50 | WAVE-INDUCED BENDING STRESS AND DEFLECTION OF A SHIP USING BEAM THEORY | Thanha K Shams,Sree Krishna Prabu Chelladurai,Anil Kumar Dash,Vishwanath Nagarajan | SIIOC-218 |
| | | | 09:50-10:00 | GEOPOLYMER BRICKS USING SLUDGE WASTE | B.vignesh,R.surya,p.sandhiya , j.mariya jenitha | SIIOC-261 |
| | | | 10:00-10:10 | MYCELUM-INDUCED CONSTRUCTION IN NON-LOADING BEARING STRUCTURES | Ardra R,KARTHIK S,Gautham Padmakumar T,Rohith Kishnan,P J Ardhira | SIIOC-362 |
| | | | 10:00-10:10 | MODELLING AND ANALYSIS OF PLATES UNDER SIMULATED DAMAGE USING FEM | Radhe Yassung,Parikshit Roy,Neetika Saha, Dr. Pijush Topdar | SIIOC-272 |