

INTERNATIONAL CONFERENCE ON INTERDISCIPLINARY APPROACHES IN CIVIL ENGINEERING FOR SUSTAINABLE DEVELOPMENT(IACESD-2023)

TECHNICAL SESSIONS(OFFLINE)

DAY 1 - 07/07/2023

GLASSDOOR	09:00-09:30	REGISTRATION
MAIN AUDITORIUM	09:30-10:30	INAUGURATION CEREMONY
	10:30-11:00	HIGH TEA
VENUE	TIME	KEYNOTE SCHEDULE
MAIN AUDITORIUM	11:00-11:40	Dr. Manoj P Samuel, Executive Director, Center for Water Resource Development and Management, Kozhikode
AIC SEMINAR HALL	11:00-11:40	Prof Chithirai Pon Selvan, Director, Research & Head of School Science and Engineering Curtin University Dubai, UAE
ACS SEMINAR HALL	11:00-11:40	Dr. M. Geetha Priya, Professor, Centre for Incubation, Innovation, Research and Consultancy (CIIRC), Bengaluru
MAIN AUDITORIUM	11:40-12:20	Dr. Arvind Kumar Jha, Assistant Professor, Assistant Professor, Indian Institute of Technology Patna
AIC SEMINAR HALL	11:40-12:20	Dr. Keertana K, Assistant Professor, Dept of Civil Engg., Indian Institute of Technology Madras (IIT-M)
ACS SEMINAR HALL	11:40-12:20	Dr. Kunjari Mog, Post-Doctoral Fellow, Dept. of Civil Engineering, Indian Institute of Technology Bombay
MAIN AUDITORIUM	12:20-1:00	Prof. Rajib Maiti, Professor, Department of Civil Engineering & AK Singh Chair Faculty, IIT Kharagpur
ACS SEMINAR HALL	12:20-1:00	Dr. Subha V, Professor in Civil Engineering, School of Engineering, Cochin University of Science and Technology

02:00-03:30

SESSION	CATEGORY	VENUE	TIME	TITLE	CORRESPONDING AUTHOR	EQUINOCs PAPER ID
1.1	STRUCTURAL ENGINEERING	AEC	02:00-02:10	A Study on Repair Effectiveness of Damaged RC Beams with Circular Openings Using CFRP Sheet	SRIHARI NIKHIL J	164
			02:10-02:20	A Review on Current Materials, Their Failures & Advancements in Railway Sleepers	P GIRISH	177
			02:20-02:30	Combined Metakaolin and Ground Granulated Blast-furnace Slag induced Concrete for Marine Environment	THOMAS NYNWEPH GMAWLUE JR	197
			02:30-02:40	Optimization Studies on Bracing Systems and its Effective Placement to Counteract Earthquakes in Very High Damage Risk Zone	Usha S	447
			02:40-02:50	Study on compression strength of masonry prism using cementitious grouting material as mortar	KAVYASHREE K	497
			02:50-03:00	Studies on Flexural and Shear bond strength of masonry using cementitious grouting materials as mortar	MANIRANGANATH H G	505
			03:00-03:10	Assessment of Periphery Free-Standing Masonry Wall For Structural Safety And Integrity	Arun Kumar N	516
			03:10-03:20	Analysis and Design of Steel Skywalk Bridge	GAGANA P.	520
			03:20-03:30	Structural Health Monitoring of Bridges using IoT	ADITYA S	672
1.2	GEOTECHNICAL ENGINEERING & PAVEMENT	AIC	02:00-02:10	FORSTERITE TREATED SILT AS A LINER MATERIAL	DEEPA K A	170
			02:10-02:20	LABORATORY INVESTIGATION OF SOIL STABILIZATION USING TERRAZYME AND CEMENT	K SNEHA SAGARI	117
			02:20-02:30	A study on flexural fatigue performance of cement treated base in flexible pavements due to repetitive loading	SHIVA PRASAD N	494
	ENVIRONMENTAL & URBAN PLANNING		02:30-02:40	Assessment of the carbon footprint of green concrete liners in landfill construction critical review	G V RATHNAMALA	87
			02:40-02:50	Novel Carbonaceous Cubic Spinel Ferrite for Removal of Cd(II) ion from Industrial Effluent	Nisha R	591
			02:50-03:00	IMPACT ANALYSIS OF MODAL SHIFT ON TRANSPORT ECOLOGICAL FOOTPRINT IN BENGALURU	Ann Das	107
	TRAFFIC & NATURAL HAZARDS		03:00-03:10	Comparative Analysis of Machine Learning Models for Earthquake Prediction using Large Textual Datasets	NITEESH K R	451
			03:10-03:20	Enhancing Flood Forecasting Accuracy through Machine Learning Approaches	HALAPPANAVAR RUTA SHIVARUDRAPP	342
			03:20-03:30	Inclusion of different plastic wastes as Construction Material in concrete Development of Thin Joint Masonry using Recycled Mortar for Sustainability	DIVYA NAIR	265
1.3	BUILDING MATERIALS & TECHNOLOGIES	ACS	02:10-02:20	Application of Dry Grinding as an Optimisation Tool for the Surface Area development in Geopolymer Cement Manufacture	ZVIKOMBORERO LAZARUS DURI	305
			02:20-02:30	BIM-BASED INTEGRATED APPROACH FOR DESIGN AND CONSTRUCTION PLANNING OF BUILDING PROJECTS	HEMANTH KUMAR N	427
			02:30-02:40	Use of Reclaimed foundry sand (RFS) as fine aggregate in Mortars and Concrete	VENUGOPAL G	504
			02:40-02:50	ENHANCING THE DURABILITY OF CONCRETE WITH AGRICULTURAL BAGASSE ASH	G D KUMARA	547
			02:50-03:00	Mechanical Behaviour of Geo-Polymer Concrete	KARTHIK M H	272
			03:00-03:10	Group Indexing of Fly Ashes using Unsupervised Learning and Fuzzy Clustering Techniques	Chandana Priya K C	583
			03:10-03:20	A Review on Different Processing Methods to Improve Pozzolanic Properties of Agricultural Waste Ashes	ABHISHEK R	472
			03:20-03:30	Structural Health Monitoring by simultaneous measurement of Strain and Temperature using different materials	SOMESH NANDI	557

03:40-05:00

2.1	STRUCTURAL ENGINEERING	AEC	03:40-03:50	Experimental Investigation on the Strength of Stabilized Geopolymer Mud Blocks with various types of Mortar	RAMYA M S	560
			03:50-04:00	Performance Evaluation of Fire Exposed RC Structure using Pushover Analysis	K MAHAMMAD JAFAR	522
			04:00-04:10	An experimental study on the structural performance of full scale RC beams strengthened for shear using NSM GFRP strips	ROHIN ASHVIJ V.A.	525
			04:10-04:20	EXPERIMENTAL STUDY ON STRENGTH PROPERTIES OF CONCRETE INCORPORATED WITH BACTERIA	DR.L.R.MITHANTHAYA	126
			04:20-04:30	Performance Of Paste Phase of Alkali Activated Composite produced by Utilizing Fly Ash and GGBS	SPHOORTI SHIVASHANKAR PATALI	665
			04:30-04:40	Finite Element Analysis of Steel Fibre Reinforced Concrete Beam Column Joint	SOM ZACHARIAS	580
			04:40-04:50	Studies on the behavior of Steel Fibre-Reinforced Concrete (SFRC) under monotonic loading in Flexure: A systematic and simplified Finite Element Model for assessing the structural performance	BHAVISH BHAT P B	529
2.2	OTHERS	AIC	04:50-05:00	Effect of Different Hybrid Configurations on the Static & Vibration Analysis of Perforated Composite Laminates	VINAY GOWDA M L	656
			03:40-03:50	Finite element method for one- dimensional Darcy -Brinkman- Forchheimer fluid flow model	ANAND N	564
			03:50-04:00	Interior Design App Using Augmented Reality	PRANAV RAM A	335
			04:00-04:10	Temperature and Soil Parameter Monitoring System	Niranjan Raj C.R	677
			04:10-04:20	Feasibility of Iron Ore Tailings in geopolymer concrete for sustainable development	TONY K CHACKOCHAN	301

	GIS & RS		04:20-04:30	A MACHINE LEARNING BASED INTELLIGENT INVENTORY SYSTEM FOR CONSTRUCTION INDUSTRY FOR CONSTRUCTION INDUSTRY	ROHITH D	638
			04:30-04:40	Unlocking the Potential of Drone-Based Survey and Mapping for GIS-Enabled Infrastructure Management	BIBANG GWRA BASUMATARY	259
2.3	APPLICATIONS OF IOT, ML & AI IN CE	ACS	03:40-03:50	Digital Revolution in Construction Industry: A Review	Dr. KIRAN BHASKAR	141
			03:50-04:00	Intelligent Transport System (ITS) with EV infrastructure for sustainable mobility	V JOSHI MANOHAR	599
			04:10-04:20	Comparative Study of Various Machine Learning Models for Estimating Standard Penetration Test-N Value	MOHAMMED RIZWAN SHAIK/ATYAM HAASITA	630
			04:20-04:30	WASTE MANAGEMENT SYSTEM USING TENSORFLOWLITE	GOWTHAMI P JAIN	671
			04:30-04:40	Smart Watering: Revolutionizing Irrigation with AR and IoT	SUMANTH V	346
			04:40-04:50	Smart Water Management: Using Machine Learning to Analyze Water Quality Index	Monnappa B K	351
			04:50-05:00	INTERNET OF THINGS ENABLED STRUCTURAL HEALTH MONITORING USING FIBER BRAGG GRATING SENSORS	SOMESH NANDI	558

DAY 2 - 08/07/2023

MAIN AUDITORIUM	10:10-11:00	Ms. P. Bineesha, Executive Director, International Institute of Waste Management (IIWM)
AIC SEMINAR HALL	10:10-11:00	Dr. Ramkrishnan R, Scientist C, Central Academy for State Forest Service, Ministry of Environment Forest and Climate Change
ACS SEMINAR HALL	10:10-11:00	Dr. Anupama S, National Institute of Technology Karnataka-Surathkal, Mangalore, Karnataka
MAIN AUDITORIUM	11:00-11:40	Prof. TV Ramachandra, Officer, Centre for Ecological Sciences, IISc
AIC SEMINAR HALL	11:00-11:40	Dr. Neelima Satyam, Professor, Department of Civil Engineering, IIT Indore, Madhya Pradesh (VIRTUAL)
ACS SEMINAR HALL	11:00-11:40	Dr. Mithun Mohan, National Institute of Technology Karnataka-Surathkal, Mangalore
MAIN AUDITORIUM	11:40-12:20	Dr. Pijush Samui, Professor, National Institute of Technology Patna
ACS SEMINAR HALL	11:40-12:20	Dr. Bibhuti Bhushan Das, Associate Professor, National Institute of Technology Karnataka (VIRTUAL)
AIC SEMINAR HALL	11:40-12:20	Ms. Minimol Korulla, VP & Head - Strategic Initiatives & Projects - ISEAP at Maccaferri ISEAP (VIRTUAL)
MAIN AUDITORIUM	12:20-01:00	Prof. Subimal Ghosh, Professor, Indian Institute of Technology Bombay, Mumbai (VIRTUAL)

02:00-03:15

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1.1	BUILDING MATERIALS & TECHNOLOGY	AIC	02:00-02:10	Application of Dry Grinding as an Optimisation Tool for the Surface Area development in Geopolymer Cement Manufacture.	ZVIKOMBORERO LAZARUS DURI	305
			02:10-02:20	Sustainable Implementation of Standard Geotechnical Practices to Optimize the Foundation Design of a Residential Building A Case Study	H C SUMANTH/ASHITHA C	3
			02:20-02:30	CHARACTERISATION OF FLEXIBLE CONCRETE PAVEMENTS USING DEMOLITION WASTE & LATERITE	CHEETHAN KUMAR N T	553
	GEOTECHNICAL ENGINEERING & PAVEMENT		02:20-02:30	Experimental and Numerical Investigation on Soil Reinforcement using a Sustainable Material, Jute Geotextile	ABHIJIT DEBNATH	392
			02:30-02:40	Towards Selection and Improving the Performance of the SWAT hydrological model: A Review	YASHAS KUMAR H K	188
			02:40-02:50	Development of low cost fiber reinforced concrete sluice gate to mitigate floods in small dams	DEEPTHI B.R	576
	STRUCTURAL WATER RESOURCES ENGINEERING		02:50-03:00	Groundwater potential zones of kunigal taluk using remote sensing and GIS	RAVINDRANATH C	605
			03:00-03:10	Effect of partial slip on mass transfer flow of non-Newtonian fluid due to unsteady stretching sheet	KEMPARAJUM C	565
			03:10-03:20	Effect of Localised Damages on the Buckling Behaviour of Slender RC Columns	DR.RAJANNA T	657
MAIN AUDITORIUM	03:30-04:30	VALEDICTORY CEREMONY				