

**International Conference on Creative and Innovative Solutions in Civil Engineering, August 11-12 2023, MNIT, Jaipur**

**Day 1 - 11/08/2023**

Session 1 (11.20am-1:00pm)					Session 2 (2:00pm-3:40pm)					Session3 (4:00pm-5:40pm)				
A11	B11	C11	D11	E11	A12	B12	C12	D12	E12	A13	B13	C13	D13	E13
Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id
2	41	123	169	27	51	255	205	249	1	184	68	132	203	290
13	44	124	176	78	97	267	206	259	7	199	70	146	207	294
14	47	127	209	141	121	269	208	261	9	268	71	164	171	295
23	48	129	212	149	122	303	218	274	28	285	76	173	224	300
31	60	142	213	162	140	84	219	323	39	18	94	175	222	242
52	67	155	231	166	143	236	220	162	45	80	105	181	230	244
114	75	160	237	187	144	240	221	256	90	133	107	182	246	228
66	81	168	239	188	116	248	227	277	156	<b>292</b>	111	196	276	192
115					193		211	73						

**Day 2 - 12/08/2023**

Session 4 (9:30am-11:00am)					Session 5 (11:40am-1:20pm)				Session-6 (2:20pm-4:00pm)					
A21	B21	C21	D21	E21	A22	B22	C22	D22	A23	B23	C23	D23		
Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id	Paper id/Abstract id		
<b>92</b>	33	96	194	232	15	46	5	89	286	43	195	272		
178	69	112	197	289	61	158	6	91	100	83	287	275		
229	308	161	288	293	77	315	39	108	153	87	243	278		
270	99	264	296	CISCE/2023/098	119	321	63	120	179	118	238	305		
<b>279</b>	309	266	297	21	154	CISCE/2023/121	65	131	253	136	CISCE/2023/127	310		
311	313	301	298	50	263	CISCE/2023/134	72	147	284	138	314	189		
306	316	95	299	152	265	CISCE/23/123	74	148	191	167	319	190		
320	251	180	304	163	CISCE/2023/067	CISCE/23/1152	82	183	204	53	103	86		
			40	282	CISCE/2023/168	307	201	245		36	37			

**International Conference on Creative and Innovative Solutions in Civil Engineering, August 11-12 2023, MNIT, Jaipur**

**Room A**

**Day 1**

Time and Session: Session 1 - 11:20AM -1:00 PM

Venue : NKN-2 Offline Mode

**Opening Address: 11:20 AM-11:40 AM**

**Openinig Address -" Use of waste in Highway construction: CRRI Experiance" by Prof. M.Parida , Director, CRRI, New Delhi**

<b>Paper ID</b>	<b>Title of the Paper</b>	<b>Presenting Author</b>
2	Scope of Unconventional Grid in Tall Building: A Way Forward”	Niharika Sharma
13	Sustainable construction methodology for Tail Race Channel (TRC) adjoining to perennial river	Vinod Kumar Mauriya
14	Seismic stability study of a bamboo grid reinforced sloping ground	Rasmiranjan Samal
23	Analysis of Domestic Water Demand Affecting Variables using Soft Computing Techniques in Ajmer, Rajasthan	Dr: Ganpat Singh
31	A Comparative Study on Life Cycle Analysis of Cold Mix and Foamed mix asphalt	Pinki Meena
52	Fatigue Damage Assessment of Tensile Specimen considering Bilinear Damage Process	Prof Sudip Talukdar
114	Applicability Analysis of Smart Construction Materials in Transport Sector	Arjun Singh Lodhi
66	UBFS based Fiber reinforced geopolymer concrete as Jacketing material for Retrofitting	Prof Sudip Talukdar
115	Life Cycle Assessment (LCA) of Recycled & Secondary Materials in Construction of Roads	Arjun Singh Lodhi
<b>Lunch 1:00 PM to 2:0PM</b>		

	Session 2: - 02:00 PM to 3:40 PM	Venue : NKN-2 Offline Mode
	<b>Key Note Address: - 2:00pm-2:20pm</b>	
	<b>Prof. Rajan Chaudhary, (IIT Guwahati)</b> on "Sustainable Asphalt Technologies: Use of Alternate Materials and Industrial By-Products "	
51	Active Seismic control using neural network	Vishisht Bhaiya
97	Initial-Flush Inspired Derivation of Watershed Sediment Graph	Shafiq Ahmad Siddiqui
121	Trend Analysis of Rainfall and Temperature of Periyar River Basin	Rehan Khan
122	Discharge Estimation of Periyar River Basin Using SCS Curve Number Method	Rehan Khan
140	Strength and Deformation Behaviour of Zinc Tailing Waste Material for Embankment Construction	Pankaj Bhatt
143	Shear wave velocity estimation of pilani soil using ultrasonics	Prof: Kamalesh Kumar
144	An Overview of Treatment Approaches for Handling of Common Effluent Treatment Plant's Sludge	Sapna Kumari
116	A comparative study of the Applications and prospects of Self-healing Concrete/ Biocrete and Self-Sensing Concrete	Shashikant N Sharma
193	Performance evaluation of Trombe wall systems in enhancing thermal comfort in residential buildings of Subtropical highland climate - A case of Hamirpur, Himachal Pradesh, India	Dr Aniket Sharma
	<b>Tea Break 3:40-4:00 PM</b>	
	Session 3:- 04:00PM to 05:40PM	Venue : NKN-2 Offline Mode
	<b>Key Note Address: - 4:00PM to 4:20 PM</b>	
	<b>Prof. R. N. G. D. Ransinchung, (IIT Roorkee)</b>	

184	Current Safety Practices in the Construction Industry: A Case Study Approach	Pooja Tripathi
199	Influence of Mould Sizes, Compaction, and Curing Regimes on the Properties of Pervious Concrete	Shuddhashil Ghosh
268	Resource optimisation considerations for earthquake-resistant structural design of buildings according to geometric and architectural requirements:	Andrés Abril-Camino
285	A review of Non-exhaust traffic emission and its collection systems	Dipak Gopalrao Mangrulkar
18	Assessment of Fire-Damaged RCC Building by Rapid Visual Screening	Mahendra Kumar
80	Fatigue Damage Assessment of Tensile Specimen considering Bilinear Damage Process	Prof Sudip Talukdar
133	Effect of radius of curvature on the seismic response of curved bridges	Suyesha Agrawal
292	Feasibility Study on use of Jarosite and Waste Marble Slurry in Rigid Pavement Construction	Om Prakash Gared
<b>Day 2</b>		
Session 4:- 9:30AM to 11:20 AM		Venue : NKN-2 Offline Mode
<b>Key Note Address: 11:00AM to 11:20 AM</b>		
<b>Prof. Sandeep Chaudhary (IIT Indore) "Innovative Design in Civil Engineering Structures"</b>		
92	Seismic performance of three dynamically similar buildings with different vertical irregularities	Miss Priyanka Jain
178	A study on the behaviour of soft clay under embankment loading	Abhivek Singh
229	Preliminary Development of Mycelium Based Sustainable Construction Material Out of Agricultural Waste	Himanshu Yogi
270	A study on steady and dynamic viscosity evaluation of bio-rubberized asphalt binders	Rajan Choudhary and Ankush Kumar

279	Evaluation of Mortar Properties Utilizing Partial Cement Substitution with Jarosite	Om Prakash Gared
311	Parametric Study of Mechanically Stabilised Earth Wall using PLAXIS	Neha Shrivastava
306	Use of pond ash as a replacement for fine aggregate in rich and lean mix cement mortars	Sandesh Sharma
320	Seismic Analysis of Different types of Hilly Slope Building Using Response Spectrum Method	Rajneesh Sharma
Tea break 11:20 AM to 11:40AM		
Session 5 :- 11:40 AM to 1:20 PM		Venue : Room A (Online Mode)
<b>Key Note Address: 11:40AM to 12:00 Noon</b>		
<b>Prof. A. B. Gupta (MNIT Jaipur) on "Reuse of sewage for sustainability of water resources- issues, challenges and solutions"</b>		
15	3D Printing Technology Future of Construction: A Review	Bittu Ghosh
61	Ambient Air Quality Management in Residential Areas of Gorakhpur City	Priya Verma
77	Application of greenly synthesised zero-valent iron nanoparticles for iron removal from aqueous system	Dr: Jismy Antony
119	Wintertime Meteorological Influence on Coarse and Fine Particulate Matter at Mesra, Ranchi – Jharkhand India	Abhishek D
154	Improving the performance of the electro-coagulation process through efficient flocculation	Palak Agarwal
263	Scenario of Green Building in India: Development of Sustainable approach	Devender Kumar Beniwal
265	“A Sustainable approach towards wastewater treatment in Pharmaceutical Industry – A Review”	Vasudha V
CISCE/2023/067	Spatial and Temporal variation of indoor air quality in various academic buildings of a technical university	Awantika Dubey

CISCE/2023/168	Assessment of methane emissions for solid waste dumpsite in Lucknow city	Aliya Zaidi
	Lunch 1:20pm-2:20pm	
	Session 6 2:20PM to 4:00PM	Venue : Room A (Online Mode)
	<b>Key Note Address : 2:20 PM to 2:40 PM</b>	
	<b>Professor Pijush Samui (NIT Patna) on "Artificial intelligence in civil engineering"</b>	
286	Evolution of groundwater quality index to measure variation in water quality of Wardha district, Maharashtra	Ashay Devidas Shende
100	Low Impact Development- An effective tool towards urban flood resilience	Ambily P
153	Evaluation of the Rayalaseema Meteorological Subdivision's Drought Using Multiple Drought Indices:	Siddhant Panigrahi
179	Application of the HEC-HMS model to generate a flood hydrograph of an extreme event in a tropical basin:	SHRUTHI H BABU
253	Snow Cover Variability in the Beas River Basin and its relation with climate parameters during 2007-2018	Sunita
284	District-wise rainfall trend analysis by using non-parametric approach: A case of the State of Haryana, India	Dr: Manoj Panwar
191	Streamflow Prediction of the Chaliyar River Basin Using Machine Learning Techniques	Rahul P
204	Innovative components of Smart Cities with a focus on Water Distribution Systems Challenges and Opportunities: A Review"	Vijay Kumar gola

**International Conference on Creative and Innovative Solutions in Civil Engineering, August 11-12 2023, MNIT, Jaipur**

**Room B**

**Day 1**

Time and Session: Session 1 - 11:20AM -1:00 PM

Venue : Online Mode

**Opening Address: 11:20 AM-11:40 AM**

**Openinig Address -" Use of waste in Highway construction: CRRI Experiance" by Prof. M.Parida , Director, CRRI, New Delhi**

Paper ID	Title of the Paper	Presenting Author
41	Waste materials as concrete aggregate - A systematic review	Debargha Banerjee
44	Flexural and shear load rate evaluation on pre-stressed concrete Box Girder Superstructure under the effect of IRC Loading	Shreyam Srivastava
47	Numerical study of cold-formed steel sigma sections under combined bending and web crippling action	Henna Maria
48	Seismic fragility comparison of FBD and DDBD designed RC frame using incremental dynamic analysis	Palsanawala Twinsy Nirav
60	Evaluation of Seismic Response on Small-Scale Reinforced Concrete Frame Using Small-Scale Low-Cost Equipment	K: Senthil
67	Comparative Analysis Of Structural Characteristics Of A Rcc I-Girder Bridge Utilizing Different Code Loading Patterns	Abhishek Mishra
75	Seismic Crack Analysis in Bridge	Lokesh Sahu
81	Active Vibration Control of Frame Structure by using Piezoelectric Actuation	Ankan Biswas
<b>Lunch 1:00 PM to 2:0PM</b>		
Session 2: - 02:00 PM to 3:40 PM		Venue : Online Mode

	<b>Key Note Address: - 2:00pm-2:20pm</b>	
	<b>Prof. Rajan Chaudhary, (IIT Guwahati)</b> on "Sustainable Asphalt Technologies: Use of Alternate Materials and Industrial By-Products "	
255	Influence Of Recycled Coarse Aggregates In The Application Of Prestressed Concrete Members– A Review	M: Tharun Bhargav
267	Analysis The Cable - Stayed Bridge By Varying Cable Position At Deck Level	Anand Gaurav Yadav
269	Limit State Interaction Charts For Rc Square Columns Subjected To Combined Axial Loads And Biaxial Bending	Himanshu Kumar
303	Strength And Permeability Of Concrete Containing Dimensional Stone Slurry And Crushed Sand	Akash Gehlot
84	A Study On Life Cycle Analysis Of Bituminous And Cement Concrete Pavements With Recycled Materials In Circular Economy	Dr:Siva Rama Krishna Uppuluri
236	Seismic Study Of Circular Elevated Water Tank With Different Staging Pattern Using Is Code And Euro Code	Jitendra Kumar
240	Effects Of Eggshell Powder And Steel Fibers On Mechanical Properties Of Concrete	Mulayam Yadav
248	Developing An Explainable Artificial Intelligence System For Predicting Concrete Strength And Quality Assurance Compared To Traditional Machine Learning Models:	Satyajeet Azad
<b>Tea Break 3:40-4:00 PM</b>		
Session 3:- 04:00PM to 05:40PM		Venue : Online Mode
	<b>Key Note Address: - 4:00PM to 4:20 PM</b>	
	<b>Prof. R. N. G. D. Ransinchung, (IIT Roorkee)</b>	
68	Experimental Investigation On The Performance Of Bituminous Mixture Containing Brick And Iron Dust As Fillers	Bimala Noatia
70	Experimental Study On Self Healing Concrete By Using The Silicon Dioxide Nano Particles And Crystalline Admixture	M:Sravanthi
71	Performance Of Bituminous Concrete Mixes Using Waste Eggshell As A Bitumen Modifier:	Jaba Debnath



76	Interpretable Machine Learning Models To Predict The Flexural Strength Of Fiber-Reinforced Scm-Blended Concrete Composites:	Saad Shamim Ansari
94	Experimental Investigation Of Concrete Incorporating Untreated Agricultural Waste And Calcium Carbonate Powder	Farhan Ahmed
105	Characterisation of Red Mud as an Embankment Material for High Volume Utilisations	S S Yashmin
107	Study Of Mechanical Properties Of Retrofitted Concrete Under Fire And Rapid Cooling	Ruba P
111	Impact Resistance Of Treated Recycled Aggregate Concrete: Drop Weight Test	Amit Kumar
<b>Day 2</b>		
Session 4:- 9:30AM to 11:20 AM		Venue : Online Mode
<b>Key Note Address: 11:00AM to 11:20 AM</b>		
<b>Prof. Sandeep Chaudhary (IIT Indore) "Innovative Design in Civil Engineering Structures"</b>		
33	Use Of Sustainable Material As Column Filler In Soft Clay Bed Reinforced With Stone Column: Numerical Study	Kevin Somra
69	Analysis Of 2D And 3D Slope Stability Using The Bishop Simplified Method	Sumit Kumar
308	Corner Effects Due To Deep Excavation: Literature Review	Harshal P: Pacharne
99	Experimental Study On Mechanical Characteristics Of Engineered Cementitious Composites (ECC) Using Bacillus Pumilus	Vipul Solanki
309	Usage Of Marginal Soils As Backfills For Geosynthetic Reinforced Walls: A Literature Review	Disha Deepak Sawant
313	Determination Of Young'S Modulus Of Binary Mixtures Of Sand And Kaolinite Clay	Mrunal Shripad Pophale
316	Review On Effect Of The Particle Size Distribution On Shear Strength Parameters Of Soils	Samruddhi Govind Naik

251	Influence Of Variation Of Soil Properties On Design Of Earthen Dam Including Seismic Effect	Pallavi Jeevan Rupnavar
	Tea break 11:20 AM to 11:40AM	
	Session 5 :- 11:40 AM to 1:20 PM	Venue : Online Mode
	<b>Key Note Address: 11:40AM to 12:00 Noon</b>	
	<b>Prof. A. B. Gupta (MNIT Jaipur)</b> on "Reuse of sewage for sustainability of water resources- issues, challenges and solutions"	
46	Air Quality Assessment Using Spatial Interpolation Techniques For Kanpur City, India.	Varun Yadav
158	Overview Of Treatment Methods Of Tannery Wastewater	Atif Husain
315	Air Quality Index Assesemnt Of An Educational Organization	Tripti Gupta,
321	Evaluation And Modification Of Geosynthetic Clay Liner	Toshini Dhole
CISCE/2023/121	Human Health Impacts Due To Vehicle Pollution In Kanpur City	Gaurav Yadav
CISCE/2023/134	Life Cycle Assessment Of Current Municipal Solid Waste Management Practices In Kanpur, India	Rishabh Katiyar
CISCE/2023/123	Impacts Of Vehicular Emissions On Air Quality In Kanpur City	Chandra Mohan
CISCE/23/1152	Quantification Of Methane Flux From A Landfill Site In Kanpur	Anuj Singh
307	Composition And Characteristics Analysis Of Municipal Solid Waste Using Proximate Method And Estimation Of Greenhouse Gases From Landfill Sites In Punjab A State Of India	Krishnakant Singh
	Lunch 1:20pm-2:20pm	
	Session 6 2:20PM to 4:00PM	Venue : Online Mode
	<b>Key Note Address : 2:20 PM to 2:40 PM</b>	

	<b>Professor Pijush Samui (NIT Patna) on "Artificial intelligence in civil engineering"</b>	
43	Predicting Compressive Strength Of Pervious Concrete Using Artificial Neural Network And Regression Techniques”	Bharti Tekwani
83	Indicative Direction In Construction Materials For Indian Suburbs	Priya Tyagi
87	Grey Earned Duration Management	Chitti Babu Kapuganti
118	A Review On The Applications Of Biomimetic Principles For Sustainable Construction	Adarsh S:
136	Experimental Investigations On Rheological Analysis Of Multiple Stress Creep Recovery (Mscr) Test Using Matlab	Govind Goud Kotha
138	Comparison Of High And Low Temperature Properties Of Dual Modified Asphalt Binders With Ppa And Pmb Using Rheological Tests	Govind Goud Kotha
167	Effect Of Clay Brick Dust (Cbd) On Compressive Strength Of Fly Ash Based Geopolymer Mortar	Sarika Rajan
53	Behaviour Of Steel-Fiber Reinforced Concrete At Elevated Temperatures	Niranjan Yadav
36	Using Finite Element Method in Seismic Analysis: A Literature Review on Diaphragm Wall	Sanjie Dutt A. Kumar
<b>International Conference on Creative and Innovative Solutions in Civil Engineering, August 11-12 2023, MNIT, Jaipur</b>		
<b>Room C</b>		
<b>Day 1</b>		
Time and Session: Session 1 - 11:20AM -1:00 PM		Venue : Online Mode
<b>Opening Address: 11:20 AM-11:40 AM</b>		
<b>Opening Address -" Use of waste in Highway construction: CRRI Experiance" by Prof. M.Parida , Director, CRRI, New Delhi</b>		

Paper ID	Title of the Paper	Presenting Author
123	Girder's Response under Integral Abutment Bridge	Arti Chaurasiya
124	Structural Vibration Control of a High-Rise Structure with Open Ground Storey	Adarsh S:
127	A Methodical Review of Progression of The Solari's Wind Response Spectrum	Taniya Saha
129	Selection of best-performing AE sensor for damage localization in rail section using Artificial Intelligence Model	Sagnik Datta
142	Seismic performance enhancement of base isolated RC building incorporating Cu-Al-Be and FNCATB based SMA	Sanjay Baidya
155	Vulnerability Assessment of an Existing Bio – Gas Tank towards Lateral Loads	Vivek Bisht
160	Seismic response of base-isolated buildings under near-field and far-field earthquakes considering soil-structure interaction	Sukamal Kanta Ghosh
168	Analysis of interior panel of flat slab with opening at different position from column face	surjeet verma
<b>Lunch 1:00 PM to 2:0PM</b>		
Session 2: - 02:00 PM to 3:40 PM		Venue : Online Mode
<b>Key Note Address: - 2:00pm-2:20pm</b>		
<b>Prof. Rajan Chaudhary, (IIT Guwahati) on "Sustainable Asphalt Technologies: Use of Alternate Materials and Industrial By-Products "</b>		
Paper ID	Title of the Paper	Presenting Author
205	Comparative analysis of single plane and double plane cable configuration of extradosed bridge	BHUSHAN VILAS SANAP
206	Behaviour of Fully Integral Bridge over Indrayani River	Shradha Veerbhadra Phalle

208	Analysis of Location of Outrigger System in High Rise Building for Different Aspect Ratios under Lateral Loading	NITISH ARJUN MANCHARE
218	ZNonlinear (pushover ) analysis of infilled RCC framed structure	Jathar Shubham Dnyanadev
219	PERFORMANCE EVALUATION OF GLASS FIBRE POLYAMIDE (GFP) COMPOSITE TRANSMISSION TOWER	SHUBHAM ANIL BHOSALE
220	Comparative Study on Design of Bridge Foundation according to IRC:78- 2014 (WSM) and IRC:78-2020 (LSM)	Shivam Devrao Patil
221	Structural Analysis of Bowstring Arch Girder Bridge for Highway Loading	Nikeeta Sanjay Atkare
227	Investigating the influence of Reinforcement Lapping on the Ductility of Concrete Columns near Joints: Insights for Design and Construction Practices	Vilas Bhojaling Chavan
211	A Contemporary Review On Progressive Collapse	Harmanpreet Singh
<b>Tea Break 3:40-4:00 PM</b>		
Session 3:- 04:00PM to 05:40PM		Venue : Online Mode
<b>Key Note Address: - 4:00PM to 4:20 PM</b>		
<b>Prof. R. N. G. D. Ransinchung, (IIT Roorkee)</b>		
132	An Experimental Investigation Of Marble Powder As A Partial Replacement Of Cement And Waste Metal Scrap As Reinforcing Material On The Mechanical Characteristics Of Concrete	Anjani Kumar Tiwari
146	Application Of Waste Cooking Oil As A Rejuvenator For Aged Bitumen	Prachi Singhal
164	Strengthening Of The Structural Element By Using Armour – A Review Of A Blast Protective Material	Shuvra Saha
173	The Impact Of Partial Replacement By Polymethyl Methacrylate (Pmma) On The Compressive And Flexural Strength Of Ordinary Cement Mortar	Ridhi Vora
175	A Systematic Review On Utilization Of Rice Husk Ash In Manufacturing Of Concrete	Roop Kishor And Omkar Phatak
181	Influence Of Recycled Asphalt And Rejuvenated Recycled Asphalt On Mechanical Performance And Chemical Makeup Of Asphalt Binder	Niranjan A S

182	Analysis Of Rutting Behaviour Of Recycled Asphalt Binder And Rejuvenated Recycled Asphalt Binder By Multiple Stress Creep Recovery (Mscr) Test	Niranjan A S
196	Optimum Mix Evaluation For Geopolymer Concrete	M: Anitha
<b>Day 2</b>		
Session 4:- 9:30AM to 11:20 AM		Venue : Online Mode
<b>Key Note Address: 11:00AM to 11:20 AM</b>		
<b>Prof. Sandeep Chaudhary (IIT Indore) "Innovative Design in Civil Engineering Structures"</b>		
96	Enhancing Subgrade Properties Of Black Cotton Soil Through The Combined Use Of Sugarcane Bagasse Ash And Ceramic Waste Powder.	Jagdish Gouda
112	Effect Of Urea On The Geotechnical Properties Of Soil:	Sheikh Abbas Muhammad
161	The Uncertainty Analysis In The Tunnel Deformation Using Monte Carlo Simulation	Puran
264	An Experimental Study On Shear Modulus Of Alkali Activated Ggbs Stabilised Soil	Ansu Thomas
266	Soil Stabilisation By Analytical Techniques	Ansu Thomas
301	Geocell Reinforced Flexible Pavement: Analysis Of Strain Induced In Geocell Vis-A-Vis Thin And Thick Cylinder Theory	Shubham Prakash Shirao
95	Experimental Study On Pile Behavior Of Different Materials Under Various Soil Conditions	Pratiti Maulik Bhatt
180	Prediction Of Soil Compression Index Using Svm And Knn	Akshaya R
Tea break 11:20 AM to 11:40AM		
Session 5 :- 11:40 AM to 1:20 PM		Venue : Online Mode
<b>Key Note Address: 11:40AM to 12:00 Noon</b>		

	<b>Prof. A. B. Gupta (MNIT Jaipur) on "Reuse of sewage for sustainability of water resources- issues, challenges and solutions"</b>	
5	Effect Of Aggregate Gradation Variation On Mechanical Properties Of Bitumen Concrete.	Ubaid Nazir
6	Construction, Operation And Maintenance Aspects Of A Deep-Water Port- A Case Study On Kakinada Port, Andhra Pradesh	Raju Sathish Kumar
39	Electrical Nichrome Coil Embedded In The Pavement For Deicing And Snow Melting: An Experimental Study	Perugu Siva Kumar
63	Use Of Cementitious Treated Reclaimed Asphalt Pavement In Road Construction	Pratik Jaiswal
65	Modelling Of Seawater Intrusion In Munroe Island, Kollam District, Kerala, India	Aakhila Ansari
72	Determination Of Area Occupancy Of The Vehicles And Its Effectiveness In Heterogeneous Traffic Conditions	Danial Doley
74	Development Of Trip Generation Model Using Linear Regression For Areas In Hyderabad City	Sreeparvathy C M
82	The Innovation Needed To Improve Road Construction In The Future In India	Er: Aditya Singh
201	Identification And Analysis Of Black Spots On National Highways: A Current Scenario	Radhika Dilip Chaudhari
	<b>Lunch 1:20pm-2:20pm</b>	
	<b>Session 6 2:20PM to 4:00PM</b>	
	<b>Venue : Online Mode</b>	
	<b>Key Note Address : 2:20 PM to 2:40 PM</b>	
	<b>Professor Pijush Samui (NIT Patna) on "Artificial intelligence in civil engineering"</b>	
195	Barriers And Enablers In Implementing Lean In Construction Industry: A Review"	Ardra Suseelan
287	Waste To Energy For Sustainable Urban Development By Using Systems' Approach: A Case Of Nct Of Delhi	Dr. Manoj Panwar
243	Empirical Analysis Of Sustainable Construction Practices Using Confirmatory Factor Analysis	Poojitha Reddy Padarathi

238	Relocation of steel beam column connection using Shape Memory Alloy	Dr. Rashmi Jadhav
CISCE/2023/127	Removal Of Zinc Metal By Ion Exchanger Technique Using Amberlite Ira-120	Rahul Raj
314	Evaluation of Ground Water effect on Black Cotton Expansive Soil under Vertical Moisture Barrier	Mohammed Aatif Shaikh
319	Ground Improvement of Marine Clay by Vacuum Consolidation	Omkar Kopnar
103	“Study On Removal Of Cr(VI) Ions Using Powdered Activated Carbon Derived From Water Hyacinth & Banana Stem”	Shruti Umesh Ghongade
37	Strength, Serviceability, and Anchorage of Fiber-Reinforced Polymer and Carbon Fiber Composite Prestressing Tendons	Franklyn F. Manggapis
<b>International Conference on Creative and Innovative Solutions in Civil Engineering, August 11-12 2023, MNIT, Jaipur</b>		
<b>Room D</b>		
<b>Day 1</b>		
Time and Session: Session 1 - 11:20AM -1:00 PM		Venue : Online Mode
<b>Opening Address: 11:20 AM-11:40 AM</b>		
<b>Openinig Address -" Use of waste in Highway construction: CRRI Experiance" by Prof. M.Parida , Director, CRRI, New Delhi</b>		
Paper ID	Title of the Paper	Presenting Author
169	Response of Structure with Spring Back System Bracing Subjected to Seismic Loads	Umesh R Biradar
176	Comparative Analysis of Steel Chimney Using Indian Standards (IS) & European Norms (EN)	Pragati paswan
209	Hybrid Mode Generalized Design Mix Concrete By Using Fly Ash And Manufactured Sand Including Coconut Fibres	Dr: Shubha Khatri



212	Opening In Oriented Corrugated Web Steel Beams	Ahmed Almohamady
213	Oriented Corrugated Web Steel Beams	Ahmed Almohamady
231	Seismic Effect On Inclusion Of Masonry Infill In Rc Building Frames	Animesh Kumar Jaiswal
237	Response Of Prestressed Reinforced Concrete Beam Under Extreme Impact Loading Through The Experiment And Simulations	Atul
239	Analytical And Numerical Investigations Of Multilayered Sandwich Structures Under Static And Dynamic Conditions	Dr Sandeep M Shiyekar
<b>Lunch 1:00 PM to 2:0PM</b>		
Session 2: - 02:00 PM to 3:40 PM		Venue : Online Mode
<b>Key Note Address: - 2:00pm-2:20pm</b>		
<b>Prof. Rajan Chaudhary, (IIT Guwahati) on "Sustainable Asphalt Technologies: Use of Alternate Materials and Industrial By-Products "</b>		
249	Torsion In Asymmetric Medium Rise Buildings	Neha Prakash Wadgaonkar
259	Analysis Of Irregular Rc Building Under Blast Load	Aniruddh Pansambal
261	Stiffness Irregularity In High-Rise Rc Building	Ankit Anil Adhav
274	Behaviour Of Beam To Column End Plate Connections Used For Tubular Structures	Prajakta N: Sonawale
323	Seismic Evaluation And Retrofit Of Existing Structures In Nepal	Rupendra Thakur
162	Comparison Of Surface Bonded Piezoelectric Transducers And Concrete Vibrational Sensors In Damage Detection Of Reinforced Concrete Beams	Harkirat Kaur
256	Yield Line Analysis Of Two Way Reinforced Concrete Slab Of Three-Sides Supported With Various Loading Conditions	Shobhit Kumar
277	Seismic Performance Of Nuclear Reactor Structure Through Soil Structure Interaction	Bhairav Thakur

73	Structural Behaviour Of Recycled Concrete Aggregates With Physical Properties Of Minerals	Rohit Choudhary
<b>Tea Break 3:40-4:00 PM</b>		
Session 3:- 04:00PM to 05:40PM		Venue : Online Mode
<b>Key Note Address: - 4:00PM to 4:20 PM</b>		
<b>Prof. R. N. G. D. Ransinchung, (IIT Roorkee)</b>		
203	Phase Changing Material (Pcm) Based Envelope Materials For Energy Efficient Buildings	Yamini Sloka Pamu
207	Geopolymer Mortars: A Comparative Study Of Fly Ash, Ggbs, And Silica Fume-Based Binders For Sustainable Construction	Banoth Gopalakrishna
171	Comparative Study Of Fly Ash Based Bacterial Concrete Of M40 Grade With Normal Concrete:	Himanshu Kumar Singh
224	Optimizing Opening Positions For Net Zero Construction Waste: A Methodology For Sustainable Building Design	Amalan Sigmund Kaushik S
222	Repairing Of Concrete Structures Using Nano-Silica Concrete	Anurag Tripathi
230	Enhancing Mechanical Properties Of Concrete Using Marble Waste Powder, Rice Husk And Steel Fibers	Animesh Kumar Jaiswal
246	Removal Of Phenol From Aqueous Solution Using Montmorillonite-Fe <sub>3</sub> O <sub>4</sub> -Humic Acid (Mfh) Nanocomposite	Aaron Rodrigues
276	Experimental Study On Compressive Strength Of M20 And M25 Grade Concrete By Partial Replacement Of Cement With Egg Shell Powder	Mr:Dhiraj Naxine
<b>Day 2</b>		
Session 4:- 9:30AM to 11:20 AM		Venue : Online Mode
<b>Key Note Address: 11:00AM to 11:20 AM</b>		
<b>Prof. Sandeep Chaudhary (IIT Indore) "Innovative Design in Civil Engineering Structures"</b>		

194	Liquefaction Mitigation Countermeasures-A Review	Ishwar Chandra Thakur
197	Performance Evaluation Of Disconnected Pile Raft System Under Vertical And Lateral Loading	K Arun Kumar
288	A Comprehensive Review Of In-Situ Torsional Direct Shear Test	Kakasaheb Waghmare
296	“Forecasting Slope Stability Using Artificial Neural Network And Multiple Linear Regression ”	Anjali Champat Pawar
297	Eco-Friendly Modification Of Expansive Soil Properties With Biopolymers And Fly Ash: A Comparative Study	Payal Samadhan Rathod
298	Effect Of Fine Contents On Reliquefaction Potential: Literature Review	Renuka R: Gaikwad
299	Improvement Of Liquefiable Soil By Using Stone Column	Shraddha Sunil Chougule
304	Improvement Of Soft Soil Using Vibrostone Column-A Case Study	Asma Ameer Shaikh
40	Prediction of Ground Response Spectrum of Jalandhar City of Punjab using Non-Linear Ground Response Analysis	Anjali G Krishna
Tea break 11:20 AM to 11:40AM		
Session 5 :- 11:40 AM to 1:20 PM		Venue : Online Mode
<b>Key Note Address: 11:40AM to 12:00 Noon</b>		
<b>Prof. A. B. Gupta (MNIT Jaipur) on "Reuse of sewage for sustainability of water resources- issues, challenges and solutions"</b>		
89	Strength Evaluation On Stabilized Sub Grade Of Mmgsy Road	Mr. Nandan Patel
91	Pothole Detection And Dimension Estimation By Deep Learning	Surya Sasank Ch
108	Study Of Partial Replacement Of Thermosets In Bituminous Mix	Hemant Kumar

120	Increasing The Bearing Strength Of Base Layer (Wbm Roads) By Using Plastic Cells And Analysis Through Staad Pro	Mary Devika Bandaru
131	A Preliminary Investigation On Lime-Based Limestone Calcined Clay Cement Mortar For Pavement Application	Shreyas Pranav
147	Experimental Investigation Of Moisture Susceptibility Of Reclaimed Asphalt Binder Using Sfe Approach	Bhoj Neha Rajabhau
148	Influence Of Fly Ash On Cold Bitumen Emulsion Mix Properties	Deepak Prasad
183	Evaluating The Performance Of Gradient Boosted Trees In Predicting Flexible Pavement Deflection Parameters	Prajwal M G
245	School Children'S Safety And Urban Infrastructure At The School Neighbourhood Level: The Case Of Jaipur, Urban India	Sudhir
Lunch 1:20pm-2:20pm		
Session 6 2:20PM to 4:00PM		Venue : Online Mode
<b>Key Note Address : 2:20 PM to 2:40 PM</b>		
<b>Professor Pijush Samui (NIT Patna) on "Artificial intelligence in civil engineering"</b>		
272	Investigation On Properties Of Pervious Concrete Incorporating Lime Calcined Clay Cement	Shivam Mani Tripathi
275	"Mechanical And Microstructural Analysis Of Cement Mortar Mixes Using Pet Plastic Waste"	Rituraj Singh Rathore
278	Influence Of Silica Fume And Fly Ash With Quarry Dust On Steel Fiber Concrete	Sudhir Kapgate
305	"Mechanical And Thermal Properties Of Self-Compacting Concrete Containing Dimensional Limestone Waste"	Ramswaroop Mandolia
310	Unveiling The Sustainable Potential : Investigating The Microstructure Of Recycled Aggregate Concrete	Hariom Khungar
189	Issues Related To Numerous Construction Techniques Practices In The Southern-Western Part Of Rural Rajasthan	Mansingh Rathore
190	Morsel Rubber Recycled Material Machine-Driven Fortes And Mathematical Model Assessment	Ayush Meena

86	A Review on Composting of Organic Solid Waste	Pramodini Pol
<b>International Conference on Creative and Innovative Solutions in Civil Engineering, August 11-12 2023, MNIT, Jaipur</b>		
<b>Room E</b>		
<b>Day 1</b>		
Time and Session: Session 1 - 11:20AM -1:00 PM		Venue : Online Mode
<b>Opening Address: 11:20 AM-11:40 AM</b>		
<b>Opening Address -" Use of waste in Highway construction: CRRI Experience" by Prof. M.Parida , Director, CRRI, New Delhi</b>		
Paper ID	Title of the Paper	Presenting Author
27	Buildings Of Distinct Plan Shapes Under Wind Load: Wind Interference Effects	Supriya Pal
78	Semi-Rigid Behaviour Of Multi-Storey Stainless Steel Structural Frames Using Continuum Damage Mechanics	Aditya Ashutosh Deshpande
141	Structural Behaviour Of Double Steel Plate-Glass Fiber Reinforced Concrete Composite Wall Under Cyclic Loading	Shubham Dilip Patil
149	Analysis Of Foot-Over Bridge Made Of Plate Girder In Arch Action	Darshan Maheshwari
162	Comparison Of Surface Bonded Piezoelectric Transducers And Concrete Vibrational Sensors In Damage Detection Of Reinforced Concrete Beams	Harkirat Kaur
166	Service Life Prediction Of Prestressed Concrete Road Bridge Using Structural Audit Data And Comparison Of Life 365 Software And Mathematical Model	Pranav Pravin Kole
187	Recycled Materials For Investigation Of Crack Propagation Exercising Dic Technique In Partial Replacement Of Fine Aggregate	Rakesh Choudhary
188	Structural Obstacle Eighth Order Problem: Magnificent Synthesis Appraisal Over Advanced Approach	Engammagari Ganesh

	<b>Lunch 1:00 PM to 2:0PM</b>	
	Session 2: - 02:00 PM to 3:40 PM	Venue : Online Mode
	<b>Key Note Address: - 2:00pm-2:20pm</b>	
	<b>Prof. Rajan Chaudhary, (IIT Guwahati)</b> on "Sustainable Asphalt Technologies: Use of Alternate Materials and Industrial By-Products "	
1	A Study On Strength Of Concrete With Partial Replacement Of Cement And Fine Aggregate With Metakaolin And Quarry Dust	N A G K Manikanta Kopuri
7	Experimental Investigation Of Durable Parameters In High Volume Flyash Concrete Used In Coastal Region	Supriya Siddharth More
9	Optimizing Energy Efficiency To Design Igbc Green Schools In Composite Climate	Ar: Kalpana
28	Effect On Concrete Strength And Durability With Partial Replacement Of Cement By Nano-Titanium Dioxide (Nano-Tio <sub>2</sub> ) And Ground Granulated Blast Furnace Slag (Ggbs)	Urvashi Vaid
39	Electrical Nichrome Coil Embedded In The Pavement For Deicing And Snow Melting: An Experimental Study	Perugu Siva Kumar
45	Review On Rebar Corrosion In Alkali-Activated Concrete Subjected To Chloride-Rich Environment	Thummar Chirag Chandubhai
90	Improving Sustainability Of Concrete Construction With Jarosite-Based Recycled Aggregate Concrete	Afroz Ali
156	Utilization Of Construction Demolition Waste As Partial Replacement In Concrete: An Experimental Study	Ashish Semwal
	<b>Tea Break 3:40-4:00 PM</b>	
	Session 3:- 04:00PM to 05:40PM	Venue : Online Mode
	<b>Key Note Address: - 4:00PM to 4:20 PM</b>	
	<b>Prof. R. N. G. D. Ransinchung, (IIT Roorkee)</b>	
290	Urban Heat Island And Building Energy Consumption	Sneh

294	Development Of Sustainable Pavement: An Experimental Study Of Stone Mastic Asphalt Prepared With Warm Mix Additives And Reclaimed Asphalt Pavement	N Kranthi Kiran Raj
295	“Behaviour Of Masonry With Flyash Bricks	Renu Mishra
300	Utilisation Of Pozzolanic Material In Skim-Coat Product For Reduction Of Carbon Footprint	Kareena Kumari
242	Impact Behaviour Of Laminated Composite Stiffened Clamped Conoidal Shell Roof By Finite Element	Dr: Sanjoy Das Neogi
244	Utilization Of Sulphur In Sand-Bitumen Paving Mix	Ajit Kumar
228	Numerical Modeling Of Microstructure Of Slag Incorporating Cement Paste	Anduaem Yadeta
192	Removal Of Zinc Metal By Ion Exchanger Technique Using Amberlite Ira-120	Rahul Raj
<b>Day 2</b>		
Session 4:- 9:30AM to 11:20 AM		Venue : Online Mode
<b>Key Note Address: 11:00AM to 11:20 AM</b>		
<b>Prof. Sandeep Chaudhary (IIT Indore) "Innovative Design in Civil Engineering Structures"</b>		
232	Estimation Of Equivalency Units Of Vehicles On Urban Roads For Heterogenous Traffic	Tanu Singh
289	Mechanical Behaviour Of Mine Overburden Soil Stabilised Using Calcium Based Stabilizer For Pavement Application	Priyanka P
293	Identification Of Risky Locations Based On The Cas Device Based Alerts Generated From Moving Vehicles: Case Study:	Praneetha Devi G
CISCE/2023/098	Effect Of Nano Tio <sub>2</sub> On Mechanical Properties Of Portland Pozzolana Cement Mortars	N: Avinash Reddy
21	Effect Of Gradation Of Aggregates On Mechanical Properties Of Dense Bituminous Macadam	Keshvir Singh Bali
50	Comparative Analysis For Traffic Congestion At Urban Road Intersection	Yashaswi Keshav Thakre

152	Modelling Overtaking Manoeuvre Of Motorized Two Wheelers On Urban Undivided Roads	Shemin Almas Majumder
163	Comparative Study Of Traffic Actuated Signal System For Traffic Management System	Trupti Gunwantrao Dongarwar
282	A Traffic Volume Study For Efficient Roundabout Planning	Anuj Varhokar
280	Traffic Safety Improvisation: An Indian Scenario	Omkar Arun Mogarkar