

**Conference Webex Link**

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**Inauguration Schedule Day1: 18.03.2022**

<b>Time</b>	<b>Speaker/Activity</b>
9:30 – 9:40 AM	Conference Proceedings - ICASCM
9:40 – 9:45 AM	Welcome Prayer
9:45 – 9:50 AM	Welcome Address by the Convenor - ICASCM, Dr. Ch. Hanumantha Rao, Dean Student Affairs, HoD-CE, KL
9:50 – 10:00 AM	Address by Chief Guest, Er. S. Suresh Vice President South Zone (Indian Concrete Institute)
10:00 - 10:05 AM	Address by Guest of Honor, Er. R. Radhakrishnan, Secretary General, Indian Concrete Institute
10:05 – 10:10 AM	Address by Guest of Honor, Dr. K. Subba Rao, Principal, CoE, KL
10:10 - 10:15 AM	Vote of Thanks by Dr. P. Poluraju, Convenor, ICASCM-2022

**Session- 1**

**Day 1 - 18.03.2022**

<b>Chair</b>	Dr. Chava Srinivas, Professor & HoD, Dept. of Civil Engineering, VRSEC, Andhra Pradesh
<b>Co-Chair</b>	Dr. K. Hanuma, Assistant Professor, Dept. of Civil Engineering, VRSEC, AP Dr. P. Poluraju, Professor, CED, KL
<b>Session Coordinators</b>	Mr. G. Sri Harsha, Assistant Professor, CED, KL

<b>Time</b>	<b>KN/ P. ID</b>	<b>Speaker</b>	<b>Title</b>
10:30 – 11:15 AM	KN 1	<b>Dr. Jagadish Vengala</b> , Associate Professor, CED, PVPSIT, Vijayawada	Bamboo as a Sustainable Construction Material
11:15 – 12:00 PM	KN 2	<b>Dr. K.V.L. Subramanyam</b> , Professor, Dept. of Civil Engineering Indian Institute of Technology, Hyderabad.	Concrete Innovations for Sustainable Constructions
12:00 – 12:10 PM	02	Rupali Khadkar and Mary George	Viability of Bio Construction Units in Indian Environment
12:10 – 12:20 PM	04	Phani Kumar Kakaraparthi, Lakshmi Keshav and Kanta Rao Mandava	Evaluation of Seismic Vulnerability and Retrofitting of Existing Steel Buildings.
12:20 – 12:30 PM	08	Sk Mabu Subhani and B. Pandurangarao	Matrix Method For Analysis of Foundations Using Subgrade Modulus
12:30 – 12:40 PM	10	Shashank Ranganath Sri Rangaraja Bhattar and Mallikarjuna Vankeswaram	Enhancing the California Bearing Ratio (CBR) of Expansive Soil Using Shredded Waste Plastic
12:40 – 12:50 PM	15	Lasya Goli and Siva Kishore, I	Numerical Investigation of Thin-Walled Cold-Formed Steel – Back-to-Back Channel Sections
12:50 – 01:00 PM	16	Sai Srinivas Jonna and Durga Chaitanya Kumar Jagarapu	Performance Study on Different Moment-Resisting Beam-Column Connections for Pre-Cast Concrete Frames
01:00 – 01:10 PM	20	Teja Mahendra Sai Kommuri, Himath Kumar Yerramsetty and Siva Kishore Ikkurthi	Numerical Modelling and Analysis of Structural Behaviour of Cold-Formed Steel Composite Wall Panels Under Axial Loading
01:10 – 01:20 PM	21	Beeram Sreeja and Tadanki Venkat Das	Finding the Suitable Bim Tools, Lean Techniques and Barriers in The Offsite Housing Construction - India
01:20 – 01:30 PM	23	Tudumu Viveka, K. Shyam Chamberlin and Syed Hamim Jeelani	Stabilization of Expansive Soil-An implication on using Rice Husk Ash & Marble Dust as additives

**01:30 – 02:00 PM - LUNCH**

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<b>Session - 2</b>			
<b>Day 1 - 18.03.2022</b>			
<b>Chair</b>	Dr. Jagadish Vengala, Associate Professor, CED, PVPSIT, Vijayawada		
<b>Co-Chair</b>	Dr. Leon Raj, Scientist, NEIST, Jorhat		
	Dr. Ashwin Raut, Associate Professor, CED, KL		
<b>Session Coordinators</b>	Mr. Achyut Kumar Reddy, Assistant Professor, CED, KL		
<b>Time</b>			
02:00 – 02:45 PM	KN3	<b>Dr. Manusanthanam</b> , Professor & HoD, Dept. of Civil Engineering Indian Institute of Technology, Madras	3D CONCRETE PRINTING
02:45 - 03:30 PM	KN4	<b>Dr. Rahul V Ralegaonkar</b> , Professor, Civil Engineering, VNIT, Nagpur	Bio Based Sustainable Construction Materials
03:30 – 03:40 PM	25	Shubham Jain, Saurabh Raut, Saurabh Wazade, Prajakta Ghodpage, Isha P. Khedikar, Kuldeep Dabhekar and Onkaranath N. Mukherjee	Existing Conventional Building to Green Building - A Review
03:40 – 03:50 PM	19	Srikanth Bommisetty and Ashwin Raut	Barriers for Implementation of BIM and adopting the Last Planner System for the construction projects
03:50 – 04:00 PM	36	Vaddeswaram Arundhathi, Kommineni Hemantha Raja and Karri Shyam Chamberlin	Strengthening Of BC Soil as an Additives of Fly Ash And Coir Fiber Ash Using Subgrade Layer In Pavement
04:00 – 04:10 PM	38	Venkata Koteswara Rao Uppu and Kameswara Rao Burugapalli	Role of protective coatings in enhancing the durability of concrete
04:10 – 04:20 PM	37	Madhu Vasipalli and Sree Lakshmi Velpula	Analyzing The Causes of Delays in Road Construction Projects from Contractor's Consultant's and Engineers Perspective
04:20– 04:30PM	40	Sai Praneeth Kaja and Sateesh Babu Madavarapu	The role of emotional intelligence in construction safety management
04:30 – 04:40 PM	39	Mohammad Arifullah Shiak, Syed Hamim Jeelani and Durga Chaitanya Kumar Jagarapu	Redoing of Work on Material Waste in Building Construction
04:40 – 04:50 PM	44	Nadakuditi Sai Krishna, T Sujatha and Ch. Srinivas	Study on performance of concrete by replacing cement with seashell ash powder and fine aggregates with brick powder
04:50 – 05:00 PM	45	AditKukwas, Vivek Pandey, Ritik Khawas, Tushar Solanki, Kartik Naik, Kuldeep Dabhekar, Isha Khedikar and Neha Pawar	A Review on Seismic Analysis of Tall Building (G+10)
05:00 – 05:10 PM	46	Harish Sarnala and Hanuma Kasagani	Post Peak Energy Absorption Enhancement of Glass Fiber Reinforced Concrete with Effect of Graded Fibers
05:10 - 05:20 PM	48	Prudhvi Raju Sagi and Venkat Rao Badugu	Study on Performance of RHS and Tapered section for a Mutli-bay industrial structure.
05:20 - 05:30 PM	49	Ravikumar Seenivasan and Kothandaraman S	State of Art Report– Various Reinforcement Techniques for Monolithic Cast-In-Situ Reinforced Beam-Column Joint
05:30 – 05:40 PM	51	Sanneella Sindhu and Sreenivasa Prasad Joshi	Effect of Strength Properties of Concrete with Partial Replacement of Fine Aggregates with Industrial Waste and Cement Material with GGBS: A Literature Review
05:40 – 05:50 PM	52	Subhashish Dey	An Experimental Study on Durability Characteristics of Concrete with Partial Replacement by Ferrochrome Slag
05:50 – 06:00 PM		Shuham Shahu and Nikhil Pitale	Effect of impact load on beam, column& slab

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	53		
06:00 – 06:10 PM	54	Vaibhav Deshpande, Prashant Pawade and Kuldeep Dabhekar	A Review on Self Compacting Concrete with Metakaolin and Fly ash as Partial Replacement
06:10 – 06:20 PM	55	S Suganthan, A Leema Rose, S Suresh Babu and Gr Iyappan	Analytical Study on ductility performance of carbon nanotubes in basalt fiber reinforced concrete beam
06:20 – 06:30 PM	56	Syed Ameen and Umesh Kumar Singh	Identification of risks using chosen matrix method in residential construction projects
06:30 – 06:40 PM	57	Racharla Babu Thomas and A.Dattatreya Kumar	An Experimental Investigation on Self Compacting Concrete by Partial Replacement of Cement Using GGBS for Sustainable Construction
06:40 – 06:50 PM	65	G R Mohan Prabhu, G R Iyappan, A Leema Rose and D Elango	Analytical Study on the Flexural behaviour of steel reinforced concrete beams strengthened with ECC.
06:50 – 07:00 PM	76	Pavithra H, Dr. Suresh Babu S, Leema Rose A and Elango D	Study on Buckling Behaviour of Light Gauge Infilled Concrete Column
07:00 – 07:10 PM	17	Kishore Babu Uddanti and Vinod Yadlapalli	Seismic Response Mitigation of a Base Isolated Structure with Tuned Mass Damper
07:10 – 07:20 PM	11	Rama Gopala Krishna Chebrolu and Poluraju Palleboina	Structural Performance of Pre-Engineered Building System under General Loading
07:20 – 07:30 PM	105	Mallela Bramarambika Devi, Kanneganti J. Brahma Chari, Vallala Varshith and Ikkurthi Siva Kishore	Study on flexural strengthening of Reinforced Blended Cement Concrete Beams using CFRP Sheets
07:30 – 07:40 PM	91	Lakshmiapurapu Venkata Satyanarayana and Gorantla Nipun	A Prediction of Compressive Strength Of M45 Grade Using Multivariable Regression Analysis By Machine Learning Technique

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## Session - 3

Day 2 - 19.03.2022

<b>Chair</b>	Dr. PurnachandraSaha, Associate Professor, CED, KIIT, Bhubaneswar
<b>Co- Chair</b>	Dr. Ashwin Raut, Associate Professor, CED, KL
<b>Session Coordinators</b>	Dr. B. Kameswara Rao, Professor, CED, KL Mr. K.J. Brahma Chari, Assistant Professor, CED, KL

Time	KN/ P. ID	Speaker	Title
09:00 – 09:45 AM	KN 5	<b>Dr. Ubagaram Johnson Alengaram</b> Associate Professor, Director, Centre for Innovative Construction Technology (CICT), Department of Civil Engineering, Universiti Malaya (UM), Malaysia.	
09:45 – 10:30 AM	KN 6	<b>Dr. MO KIM HUNG</b> Department of Civil Engineering, Senior Lecturer, Universiti Malaya(UM), Malaysia.	Light Weight Hollow Sphere Cementitious Composite with Fibre Reinforcement
10:30 – 10:40 AM	62	K M Aishwarya and N C Balaji	Analysis and design of eccentrically loaded corner combined footing for rectangular columns
10:40 – 10:50 AM	63	PawankumarLilhare and AbhijeetNardey	Review on "Progressive Collapse Analysis of Multi-storey RCC Building"
10:50 – 11:00 AM	58	Ramya Swetha and O.S.D. Hima Bindu	Residual Chlorine Analysis in Water Distribution Networks with Intermittent and Continuous System of Water Supply
11:00 – 11:10 AM	66	Boda Ratna Kanth Sujith and Vijay Kumar	Seismic & wind dynamic analysis of high-rise irregular structure.
11:10 – 11:20 AM	69	Prasanna P.K, Lingeshwaran N, A	Investigation On Performance of GGBS Concrete by Incorporating

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		Ramachandra Murthy A and Srinivasu K	Steel Fibers
11:20 – 11:30 AM	70	Lalit Ramteke and Sanket Sanghai	Review on “Seismic Analysis of Flat Slab with Perimeter Beam and Conventional Slab”
11:30 – 11:40 AM	74	Dasarathy A K, Tamilselvi M and Ponkumar Ilango S	Concrete with Glass Powder as a Partial Replacement for Cement
11:40 – 11:50 AM	60	M Rashmi, K M Aishwarya, V Nikitha Anand and N C Balaji	A review on shear strengthening of Reinforced Concrete beam using NSM-FRP technique
11:50 – 12:00 AM	77	Pranit Rajput, Kuldeep Dabhekar, Prashant Pawade, Isha Khedikar and Neha Pawar	Review on “Seismic Performance Analysis of Symmetric and Asymmetric Structure with and without Base Isolation Under Bidirectional Ground Motion and Subjected to Torsion”
12:00 – 12:10 AM	79	Shravan Macherla and Sunny Agarwal	Barriers in the Green Building Practices Adoption: A Stakeholder’s perception
12:10 – 12:20 AM	80	Vaibhav Sharma and Neetu Kapoor	The Way towards more Sustainable Habitat: In context to Indian Residential Sector
12:20 – 12:30 AM	81	Kawin Swisshesh K, Suganya Devi K, Leema Rose A and Elango D	Study on Structural Behaviour of Self-Compacting Fiber Reinforced Concrete
12:30 – 12:40 PM	83	P.L.S. Shalini Kora and Nipun Gorantla	A review on delamination and wear characteristics of metal matrix composites
12:40 – 12:50 PM	84	Karubaki Priyadarsini Samal	Review On ‘Determination of Mechanical Properties of Green Concrete by Using X- ray And Finite Element Method’
12:50 – 01:00 PM	85	Akshay Gulghane, R. L. Sharma and Prashant Borkar	Management of Construction in Building Architecture: A case study
<b>01:00 – 01:30 PM</b>			<b>Lunch Break</b>

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<b>Session: - 4</b>			
<b>Day 2 –19.03.2022</b>			
<b>Chair</b>	Dr. A. Srinivasulu, Professor & HoD, CED, Gudlavalleru Engineering College, AP		
<b>Co-Chair</b>	Er. Rajesh Khanna, Regional Head – Technical – AP Key Accounts, UltraTech Cement Ltd.		
<b>Session Coordinators</b>	Dr. Umesh Kumar Singh, Associate Professor, CED, KL		
	Mr. J.D. Chaitanya Kumar, Assistant Professor, CED, KL		
<b>Time</b>	<b>KN/ P. ID</b>	<b>Speaker</b>	<b>Title</b>
01:30 – 02:15 PM	KN 7	<b>Dr. Khalifa Al-Jabri</b> , Professor and HOD Department of Civil and Architectural Engineering Sultan Qaboos University	Thermo-Physical, Mechanical and Microstructural Properties of Green Cementless Mortar
02:15 – 03:00 PM	KN8	<b>Dr. Ali Nordine LEKLOU</b> , Professor, Department of Civil Engineering, University of Nantes, France	Application of Biosource Materials to New Construction and Rehabilitation of Buildings
03:00 – 03:10 PM	87	Shubham Tripathi, Ramakant Agrawal, Deepak Garg and Amir Sohil	An Experimental Study on Low-cost Concrete Using Stone Dust & Cow Dung Ash as Partial Replacement
03:10 – 03:20 PM	90	Naga Venkata Vamsi Tadiboina	Study on Existing Reinforced Concrete Buildings Seismic Vulnerability after Retrofitting
03:20 – 03:30 PM	92	Sahil Katole, Harshal Nikhade and Utkarsh Bobde	Seismic Study of a School Building with the Effect of Shear Wall in Hilly Area at the Different Sloping Conditions.
03:30 – 03:40 PM	93	J.Venkateswara Rao J, Mohan Ganga	Influence of Partial Replacement of Recycled Plastic on Hot Mix Asphalt

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		Raju G, Rama Mohan Rao P and Eswara Ram J	
03:40 – 03:50 PM	94	Md Aashim Khan, Subodh Tembhekar, Deepak Otmani, Ashutosh Jaiswal, Kuldeep Dabhekar, Isha Khedikar and Neha Pawar	Review on "Effect of Various Concentric Bracing in Building"
03:50 – 04:00 PM	95	Dhatri Pudukollu and Kuchu Jayasree	Subgrade Reinforcement of Flexible Pavement Using Geotextiles
04:00 – 04:10 PM	96	Naveen Kumar Y, Dean Kumar B and Swami B.L. P	Mechanical Properties of Fiber Reinforced Geopolymer Concrete Prepared with Three Mineral Admixtures and Steel Fibers at Various Ambient Curing Periods
04:10 – 04:20 PM	97	Syed Anisuddin, Hima Bindu Varikola, Sangam Ekasila, Hemanth Sai, Srikanth Gollapelli, V L S Banu and Kiran Kumar Bollu	Compressive Strength of FRC utilizing ANN Model
04:20 – 04:30 PM	99	Sita Rama Prasad Kudravalli and Sri Rambabu Tummala	Removal of Fluoride Concentration in Water Using Natural Adsorbents
04:30 – 04:40 PM	101	Ekasila Sangam, Shimroze Syed, Moiz Mohammed, Abdul Shahab Mohammed, Vishali Binakar, Syed Anisuddin and Adeeb Azam Khan	Lake Profile by Using Digital Survey
04:40 – 04:50 PM	103	Venkata Narayana Rao Uppala, Deepika Krishna Lankothu and Srinivas Chava	A Study on Self Compacting Concrete
04:50 – 05:00 PM	104	Ansar Shaik and Sameer Shaik	Experimental Study on Physio – Mechanical Characteristics of Self-curing Rapid Hardened concrete

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### **Valedictory Schedule Day2: 19.03.2022**

<b>Time</b>	<b>Speaker/Activity</b>
5:00 – 5:05 PM	Prayer
5:05 – 5:15 PM	Briefing overview by Dr. Ashwin Raut, Organizing Secretary, ICASCM-2022
5:15- 5:20 PM	Valedictory Remarks by Conference Chair – Dr. K.V.L Subramanyam, Professor, IIT-Hyderabad
5:20 - 5:25 PM	Valedictory Remarks by Guest of Honor, Dr. A. Srinath, Principal - Academic Staff College, Dean - Skill Development, KL
5:25 – 5:30 PM	Valedictory Remarks by Guest of Honor, Dr. B. Jaya Kumar Singh, Dean R&D, KL
5:30 – 5:35 PM	Valedictory Remarks by Convenor - ICASCM, Dr. Ch. Hanumantha Rao, Dean Student Affairs, HoD-CE, KL
5:35 – 5:40 PM	Vote of Thanks by Dr. Syed Hamim Jeelani, Organizing Secretary, ICASCM-2022
5:40 – 5:50 PM	National Anthem

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