



**1<sup>st</sup> International Conference on  
Design Innovations and Management for Sustainable Environment  
(ICDIMSE) – Virtual mode [15<sup>th</sup> - 16<sup>th</sup> March, 2022]**



**PRESENTATION SCHEDULE**

**DAY -1**

**DAY 1- ALL FOUR PARALLEL SESSIONS ARE SCHEDULED BETWEEN -  
(16:30 HRS - 18:30 HRS IST) - (13:00 HRS - 15:00 HRS EET)**

Day 1 - SESSION - 1		
REGISTRATION ID	THEME 3 - BUILDING DESIGN & PERFORMANCE EVALUATION Session Chair: Dr.Monsingh David Devdas Session In Charge: Ar.Sanghavi, Ar.Seetha Visalakshy	AUTHORS
D1S101	Identifying External Louver Angle For Residence Opening To Optimize The Indoor Environment For The Composite Climate Of Delhi NCR	Jyoti Luthra, Dr.A.Meenatchi Sundaram
D1S102	Comparison Analysis Between The Component Of Vernacular And Modern Architecture For Sustainable Housing In Niger State Nigeria	Abubakar Dada Dauda
D1S103	Assessing The Performance Of Façade Integrated Transparent Photovoltaic Panels For Daylight And Energy Generation In High Rise Buildings Of Hot & Dry Climate	Sindhya Megnath, Amalan Sigmund Kaushik S(NP)
D1S104	Development And Optimization Of Kinetic Façade System For Improving Visual Comfort For An Office Building In Gurugram, India.	Robin Sharma, Amalan Sigmund Kaushik S
D1S105	The Impact Of Microclimate On Energy Performance Of Office Buildings Within Urban Contexts Located In A Composite Climate, City Of Indore	Priya Patel, Amalan Sigmund Kaushik S
D1S106	Assessing The Thermal Performance Of Upcycled Shipping Container As A Sustainable Building Material In A Warm Humid Climate	Oviya, Sheetal Amraotkar,Shobana Subramanian
D1S107	A Study On Thermal And Acoustic Comfort In An Institutional Building	R. Vidhushini, Surya Rajkumar
D1S108	Energy saving potential of screen wall in High rise residential building in hot and humid climate	Surya Rajkumar



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**Day 1 - SESSION - 2**

<b>REGISTRATION ID</b>	<b>THEME 1: SUSTAINABLE URBAN AND RURAL DEVELOPMENT Session Chair: Dr. Tokie Laotan-Brown Session Incharge: Angela Hartsell/Abubakar Dauda, Ar.Catherine</b>	<b>AUTHORS</b>
D1S201	Water Accessibility And Inequalities In The Hill Town Kalimpong (W.B)	<b>Piyush Kumar</b>
D1S202	A Perspective Towards Spacious Living For The Low Income Communities In Chennai – “Micro-Housing, Co-Living And Sustainability”	<b>Shifana Fathima, Sheetal, Sanghavi</b>
D1S203	Significance Of Intangible Values Of Urban Heritage: Case Of Nashik City	<b>Vedangi Deshpande</b>
D1S204	Factors Affecting Quality Of Urban Life Based On Subjective And Objective Approaches: A Systematic Literature Review	<b>Mookambika Ba, Jayanthi</b>
D1S205	The Spatial Vision Of Place Identity Elements Along Highways: A Procedural Approach	<b>G Ophylia Vinodhini, J Godwin Emmanuel</b>
D1S206	Assessing User Satisfaction Of Urban Parks For Sustainable Cities	<b>Sheetal Amraotkar, Devyani Gangopadhyay</b>
D1S207	Assessment Of Biodiversity Richness And Carbon Sequestration Potential In Institutional Campus – A Case Study	<b>Shrimathi, Chandramathy I</b>



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**Day 1 - SESSION - 3**

<b>REGISTRATION ID</b>	<b>THEME 2:SUSTAINABILITY IN ARCHITECTURAL DESIGN Session Chair: Ar.Milon Dutta Session In Charge: Ar.Ramesh Kumar, Ar.Monisha</b>	<b>AUTHORS</b>
<b>D1S301</b>	Sustainable Eco-Friendly Building Material – An Investigation Towards Compressed Stabilized Earth Blocks And Fire Burnt Clay Bricks	<b>Asha Sapna A.P, Anbalagan</b>
<b>D1S302</b>	Study On The Application Of Reuse And Recyclable Materials In Designing Of Commercial Interior Spaces	<b>A Mrinalini, Kumudhavalli Sasidhar, Dr. D. Jayanthi</b>
<b>D1S303</b>	Physical Modelling As A Conceptual Device In Climate Responsive Architecture: Investigating Pedagogy For Theoretical Discourses	<b>Sunalini Esther Devadas, Sheeba</b>
<b>D1S304</b>	Traditional Building Knowledge Systems - A Path To Sustainability	<b>Athira S B,Amrithapk,Chithra.</b>
<b>D1S305</b>	Utilization Of Bamboo As An Alternative Construction Material	<b>Uthra Vasudevan, Kirthialamelu, Vaibu</b>
<b>D1S306</b>	Study Of Parameters Affecting The Efficiency Of Tower Cranes, In Indian Context	<b>Arshya Ruby P, R Ramkumar</b>
<b>D1S307</b>	Recording And Conceptualising Cultural Values In Landscape: The Travelling Transect-Based Drawing Approach	<b>J Godwin Emmanuel, G Ophylia Vinodhini</b>
<b>D1S308</b>	Role of façade shades in energy efficiency in commercial buildings	<b>Shatakshi Agnihotri</b>



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**Day 1 - SESSION - 4**

<b>REGISTRATION ID</b>	<b>THEME 2: SUSTAINABILITY IN ARCHITECTURAL DESIGN Chair: Illiona Outram Session Incharge: Leki Clementina Pronen/Diler Aldoski, Ar.Surya Rajkumar</b>	<b>AUTHORS</b>
<b>D1S401</b>	Visions On Izmir City Konak Centre: An Architectural Studio On Un 2030 Sustainable Development Goals	<b>Yenal Akgün, Ozlem Erdogan Erkarlan</b>
<b>D1S402</b>	Urban Agriculture: For The People, By The People	<b>Pornima Buddhivant</b>
<b>DIS403</b>	Analysis Of Shift In Aspects Of Cultural Sustainability In Built Environment	<b>Haripriya Tk</b>
<b>DIS404</b>	Evaluation Of Sound Absorption Coefficient – Acoustic Properties Of Pattamadai Mat	<b>Dr. R Kalaiselvi, Pavithra Raj, Ar. J Infanta Stephy</b>
<b>DIS405</b>	The New Green Regenerative Architecture	<b>A.Charanyadevi, Jeyaradha Jayaram</b>
<b>DIS406</b>	The Effects Of Varosha On Culture, Identity And Architecture Of Famagusta City	<b>Hasret Destebanoğlu</b>
<b>D1S407</b>	A Literature Based Appraisal Of Key Stakeholders Response To Management Of Construction And Demolition Waste In Cities	<b>Gitanjali Bhatnagar</b>



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**DAY -2**

**DAY 2 - ALL FOUR PARALLEL SESSIONS ARE SCHEDULED  
BETWEEN - (13:00 HRS - 16:00 HRS IST) - (10:30 HRS - 13:00 HRS EET)**

<b>Day 2 - SESSION - 1</b>		
<b>REGISTRATION ID</b>	<b>THEME 5:DESIGN INNOVATIONS Session Chair: Dr.Swetha Madhusudhan Session In Charge: Ar.Vijendranath, Ar. Selvendiran</b>	<b>AUTHORS</b>
<b>D2S101</b>	Quality Management Of Precast Concrete Technology	<b>Monisha Martin, Kavinkumar Shanmugam,R Ramkumar,Sukirtha Suresh</b>
<b>D2S102</b>	Low Vision Users In Product-User Interaction: Examining The Effects Of Visual Perception Patterns On Quality Of Experience (Qox)	<b>Mahmut Ferit Aydin, Onder Erkarlan</b>
<b>D2S103</b>	Design For The 94%-Quality Of Living A Right Or A Legacy	<b>Krishna Priya Parthasarathy,Selvendiran, Lalit, Harshil</b>
<b>D2S104</b>	The Mystical Dimension In Architecture	<b>Sai Teja T N, Selvendiran</b>
<b>D2S105</b>	Pneumatic Waste Collection System A Proposed Innovation For Indian Institute Of Technology Roorkee Campus: India	<b>Akhilesh Kumar, Avlokita</b>
<b>D2S106</b>	Evaluating the Impact of Transition spaces on the Indoor comfort conditions of a Naturally Ventilated Institution Building	<b>Manswini Devi, Ebin, Sheetal</b>
<b>D2S107</b>	Chettinadu house: planning principles	<b>Sai Saranya, Sheetal ,Madhu</b>
<b>D2S108</b>	Estimation and analysis of daylight factor	<b>Jayaprabha Rani</b>



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<b>Day 2 - SESSION - 2</b>		
<b>REGISTRATION ID</b>	<b>THEME 4: URBAN RESILIENCE, SAFETY, DISASTER AND RISK MITIGATION Session Chair: Assoc.Prof.Dr. Ayşe Öztürk/Assoc.Prof.Dr. Huriye Gürdallı Session Incharge: Hasan Debeş / Mehrdad Taheri Kahnemoei , Ar.Yusuf Chiniwala</b>	<b>AUTHORS</b>
<b>D2S201</b>	Crime Relation In Urban Settings In Kochi	<b>Antony Jenita G</b>
<b>D2S202</b>	Necessity Over Luxury: The Role Of Green Infrastructure In Building Resilience In The Pandemic World	<b>Islam, Avy Nazar Darband Faqra</b>
<b>D2S203</b>	Impact Of Open Spaces On Outdoor Thermal Comfort In A Residential Neighbourhood In Warm Humid Climate	<b>K C Kalam Arathy, Lilly Rose A</b>
<b>D2S204</b>	Understanding The Relationship Between Urban Heat Island Effect And Urban Vegetation By Reviewing The Three Decades Satellite Images For The Chennai Metropolitan Region. (NP)	<b>Raju Sethupatu Bala, Sanchana.Sathyanarayanan, Sindhujatj</b>
<b>D2S205</b>	The Impact Of Musi Floods Along The Catchment Areas Of Hyderabad-A Study	<b>Harini V</b>
<b>D2S206</b>	An Evaluation Of Parking Facilities In Selected Shopping Complexes In Minna, Nigeria To Achieve Sustainability	<b>Abubakar Dada Dauda</b>
<b>D2S207</b>	Layout And Daylight Optimisation Of A Residential Module Using Syntactic Design Strategies	<b>Vijay Aadithya, Sindhur Dutta,Amalan Sigmund Kaushik S</b>
<b>D2S208</b>	Impact And Influence Of Spatial Segregation On The Growth Of Urban Fabric. (A Case Of Badnera, Maharashtra, India)	<b>Ashirwad Korde, Devyani Gangopadhyay</b>



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**Day 2 - SESSION - 3**

<b>REGISTRATION ID</b>	<b>THEME 1: SUSTAINABLE URBAN AND RURAL DEVELOPMENT Session Chair: Dr. Abdul Razak Session Incharge: Ar. Sukirtha , Ar. Kavitha</b>	<b>AUTHORS</b>
<b>D2S301</b>	Application Of Geo Informatics To Classify Landcover From Satellite Imagery Using Ndvi – A Case Of Peri Urban Regions Of Southern Chennai.	<b>Narayani Ar, Debanjan Pakrasi</b>
<b>D2S302</b>	Sustainable Development In Transition Zone In Warangal	<b>M.Manasa, Dr.Arulmalar Ramaraj</b>
<b>D2S303</b>	Development Sectors Induced By Kannur International Airport In A Regional Perspective- Special Focus On Tourism	<b>Deuna Elsin</b>
<b>D2S304</b>	Inclusive Planning Solutions For Informal Settlements - A Case Of Chennai	<b>Ramya R, Sheebac</b>
<b>D2S305</b>	Rejuvenation Of Traditional Water Harvesting System In The Drought Prone Region Of Tamil Nadu	<b>Nandhini Gopu</b>
<b>D2S306</b>	Outdoor thermal comfort	<b>Shwetha.M,Ebin Horrison</b>
<b>D2S307</b>	Simplyfying Water management	<b>Akshay Tiwari</b>
<b>D2S308</b>	Formulating The Conceptual Frame Work To Make The Neighbourhood Resilient A Case In Chennai	<b>A Karthick, Prasannk</b>



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**Day 2 - SESSION - 4**

<b>REGISTRATION ID</b>	<b>THEME 7: SUSTAINABLE DESIGN AND CONSTRUCTION PROCESS Session Chair: Assoc.Prof.Dr. Eriş Uygur Session Incharge: Mehrdad Taheri Kahnemoei, Ar.Ramkumar</b>	<b>AUTHORS</b>
<b>D2S401</b>	Sustainable Design And Construction Processes-Eco-Friendly Steel Making For A Sustainable Future	<b>Sarada Kapila</b>
<b>D2S402</b>	Evaluating biophilic design features of Famagusta, Walled City	<b>Ceren Demirtaş</b>
<b>D2S403</b>	Case Based: Cost And Energy Efficiency Of Moving Bed Biofilm Reactor – Sewage Treatment Plant	<b>Balaji Sekar, Mookambika Ba</b>
<b>D2S404</b>	A Comparative Analysis Of Rating Systems For Sustainability In Built Environment	<b>Lalitha Munagala, Jothilakshmy</b>
<b>D2S405</b>	Recycling Plastic Waste Into Construction Materials For Sustainability	<b>S Subha Pradha</b>
<b>D2S406</b>	An Investigation Of Day lighting In The Earth Sheltered Structure In Warm and Humid Climate	<b>Nandhine J</b>
<b>D2S407</b>	Urban slum regeneration tools-a case of Makoko slums	<b>Elyaks</b>
	<b>THEME 6: SMART MATERIALS &amp; ARTIFICIAL INTELLIGENCE Chair: Assoc.Prof.Dr. Ercan Hoşkara Session In Charge: Diler Aldoski</b>	
<b>D2S408</b>	The Influence Of Smart Technologies A Comparative Study On Developing Large To Small Scale Smart Cities And Smart Campuses.	<b>Ahmad Afaneh, Islam</b>