

REPORT
International Conference
Between the Lines 3.0
Contemporary Redefined: Paradigms, Practices, and Pedagogies
Organized by
School of Architecture, REVA University, Bengaluru, India
07th and 08th June 2024

07th July 2024:

Venue – Online (MS Teams), School of Architecture, REVA University, Bangalore

First day Keynote addressed by:

- 1. Shama Pawar – Conservation expert, INTACH Anegudi Chapter*
- 2. Lorens Holm – Professor from University of Dundee*

No. of presentations: 10

No. of participants: 30

08th June 2024:

Venue – Online (MS Teams), School of Architecture, REVA University, Bangalore

Second day Keynote addressed by:

- 1. Dr. Shakti Sign Chauhan – Scientist from IWST, Bengaluru*
- 2. Er. Rathnashree, from Lead Consultants, Bengaluru*
- 3. Ar. Ram Raju – from IIA Karnataka chapter*

No. of presentations: 13

No. of participants: 33

Faculty Coordinators – Ar. Krithika, Ar. Suruchi, Ar. Vaishali, Dr. G Saisanath

As part of reaching out to the academicians, researchers, and professionals, School of Architecture has been conducting international conferences under the umbrella series of Between the Lines (BTL). Having successfully conducted two international conferences, BTL 3.0 is the third event that aims to connect, engage, and collaborate with institutions of repute and peer organizations by providing a platform to share and disseminate research outputs and novel teaching and learning practices. In this regard, under BTL 3.0, an Online International Conference titled “Contemporary Redefined: Paradigms, Practices, & Pedagogies” has been scheduled on 07th and 08th June 2024. Given the interdisciplinary nature of Architecture, a two-day conference comprising of four themes has been planned with six keynote speakers from the reputed institutes and organizations with whom School of Architecture has an active Memorandum of Understanding (MoU). Following is the preamble and the structure of the program as envisaged and realized:

Preamble

The world is experiencing numerous challenges in the form of climate change, environmental degradation, pandemics, and many unexpected transformative forces, which demand re-shaping and reimagining of spaces and structures. There is a demand for cities to become more responsive. Architecture and urban Planning have become eloquent in global and local

set-ups with numerous technological developments ranging from culture and heritage of urban settings to changes in urban fabric and urban education.

If coding is the word that describes the present epoch of digitalization, decoding represents a pause, a pause to reflect and understand the direction we are heading, not only as individuals assisted by extra (artificial) intelligence but also as a civilization that is coming to terms with the processes of planet earth and beyond.

The presence of various structures realised through varying architectural styles indicates parallel presence of forms, functions, finances, and fears - representing the present age dynamics and directions. This contemporaneity is the essence of multiplicity in architecture, embedded through development goals, cultural practices, environment and heritage concerns, artistic and algorithmic notions, and adaptive and pedagogy principles.

This conference is an effort to create a platform that enables the discussion of the various facets of architecture and planning that are in the processes of coding and decoding. We intend to generate a rich debate and dialogue between the participants and produce a lively atmosphere of ideas, interpretations, and introspections to be carried back.

Structure of the program

The two days international conference is structured into four themes. Three key speakers on day one (07th June 2024) and three keynote speakers on day two (08th June 2024).

- Theme 1: *Treading the timelines: The place of Culture & Heritage within the contemporary*
 - Vernacular architecture
 - Spatial notions in architecture
 - Everyday heritage
 - Virtual heritage
- Theme 2: *Reimagining urbanscapes: Present and future state of the cities*
 - Future of sustainable cities
 - Virtual reality and Augmented reality
 - Self-sustenance
 - Renewable architecture
- Theme 3: *Creating the Contemporary: The Global and the Local*
 - Contemporary Art and Architecture
 - The Glocal in architecture
 - Star architect and the local architect
 - Algorithms and the contemporary
- Theme 4: *Adaptive Architecture as a response to change*
 - Form, Function, and Strength
 - Structure and function in architecture
 - Technology and building materials
 - Architect, Historian, and the Machine

Objective of the program

The International Conference has been conducted with the objectives that are encompassed under meaningfulness, engaging, and outcome oriented approach.

Even though the International Conference was planned and organized as an offline event, due to certain unexpected situations the event was conducted online. However, the response from the scholars, academicians, and practicing architects was highly positive, since the entire structure of the program was planned to be meaningful for the participants and the School. This was achieved by carefully identifying the topics and the experts, who delivered their keynote address with relevant and current information that is most pertinent for the architecture fraternity.

The event was engaging given the interactive nature of the keynote addresses and the research presentations moderated by experts relevant to the themes identified. The moderators engaged the sessions diligently between the presenters and participants with thought provoking suggestions, questions, and discussions.

The outcome of the event is enhancement of the knowledge for the participants, sensitization towards the various topics that are being explored by the scholars and academicians, reaching out to the architecture fraternity by School of Architecture, and most importantly this event was a platform to engage meaningfully with the participants so that not only the outreach of the School is achieved by engaging and charting a path for collaborative works with the keynote speakers (since majority of them are from the organizations with whom School of Architecture has an active MoU), but also networking with participants that has opened channels for potential interactions and possible collaborations.

In the light of the above points, the Online International Conference conducted on 07th and 08th June 2024 was meaningful, engaging, and outcome oriented.

Snippets of the program:



11 OF UNIVERSITY RECOGNITION
21
Faculty of Architecture, Planning, and Design

REVA UNIVERSITY
Bengaluru, India

International Conference
BETWEEN THE LINES - 3.0
Contemporary Redefined:
Paradigms, Practices & Pedagogies
DATES: 7TH AND 8TH JUNE, 2024

ABOUT THE CONFERENCE
The world is experiencing numerous challenges in the form of climate change, environmental degradation, pandemics, and many unexpected transformative forces, which demand re-shaping and reimagining of spaces and structures. There is a demand for cities to become more responsive. Architecture and urban planning have become eloquent in global and local settings with numerous technological developments ranging from culture and heritage of urban settings to changes in urban fabric and urban education.

If coding is the word that describes the present epoch of digitalization, decoding represents a pause, a pause to reflect and understand the direction we are heading, not only as individuals assisted by extra (artificial) intelligence but also as a civilization that is coming to terms with the processes of planet earth and beyond.

The presence of various structures realised through varying architectural styles indicates parallel presence of forms, functions, finances, and fears - representing the present age dynamics and directions. This contemporaneity is the essence of multiplicity in architecture, embedded through development goals, cultural practices, environment and heritage concerns, artistic and algorithmic notions, and adaptive and pedagogy principles.

4 QUALITY EDUCATION
9 INDUSTRY INNOVATION AND INFRASTRUCTURE
11 SUSTAINABLE CITIES AND COMMUNITIES

CONFERENCE OBJECTIVES

- To understand the current paradigm, practices, and pedagogy in contemporary architecture.
- To deliberate on various reasons that are driving the changes in contemporary architecture.
- To analyse the factors that are redefining the contemporary architectural practice and architectural education.

Aligned with the Sustainable Development Goals, focussing on: SDG 4, SDG 9 and SDG 11 primarily

CONFERENCE THEMES

Theme 1:

- Treading the timelines: The place of Culture & Heritage within the contemporary
 - Vernacular architecture
 - Spatial notions in architecture
 - Everyday heritage
 - Virtual heritage

Theme 2:

- Reimagining urban spaces: Present and future state of the cities
 - Future of sustainable cities
 - Virtual reality and Augmented reality
 - Self-sustenance
 - Renewable architecture

Theme 3:

- Creating the Contemporary: The Global and the Local
 - Contemporary Art and Architecture
 - The Global in architecture
 - Star architect and the local architect
 - Algorithms and the contemporary

Theme 4:

- Adaptive Architecture as a response to change
 - Form, Function, and Strength
 - Structure and function in architecture
 - Technology and building materials
 - Architect, Historian, and the Machine

KEY DATES

Abstract Submission: 24th April 2024
Abstract Acceptance: 30th April 2024
Final Presentation Submission: 13th May 2024
Full Paper Submission: 15th July 2024

Further details to be shared with the authors via mail.

GUIDELINES FOR AUTHORS

Authors are required to submit the abstract, and upon acceptance, a presentation of their paper. A concise abstract with clear structure, highlighting your research and its novelty is expected.

The format details are available on our conference webpage:
[Between the Lines 3.0 - Webpage](#)

[Registration Link](#)
[Payment Link](#)

GUIDELINES FOR AUTHORS

REGISTRATION FEES: (EACH AUTHOR) - 500/-
AFTER ACCEPTANCE OF ABSTRACT:

CATEGORY	EARLY	LATE	ON SPOT
Professionals	1800	2300	3000
Academicians	1500	2000	2700
PhD Scholars	1200	1700	2400
Students	1000	1500	2000

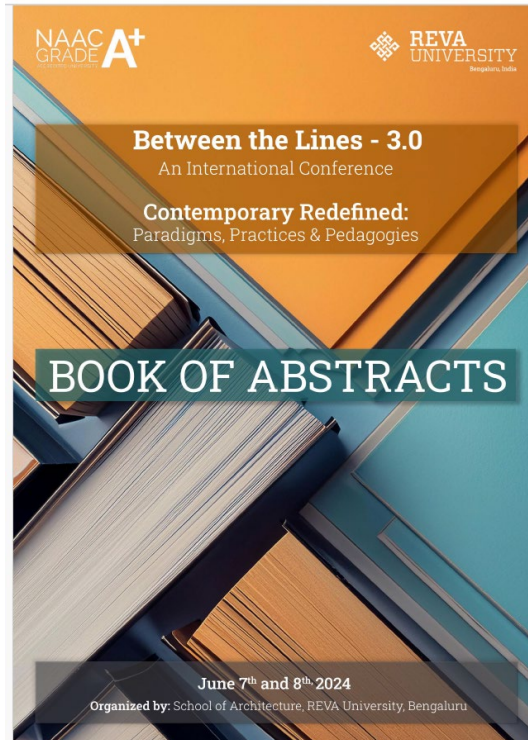
Team REVA


Patron
Dr. Narayanaswamy K S
Registrar (C), REVA University


Convener
Dr. Raghu Teja Vemana
HOD, School of Architecture, REVA University

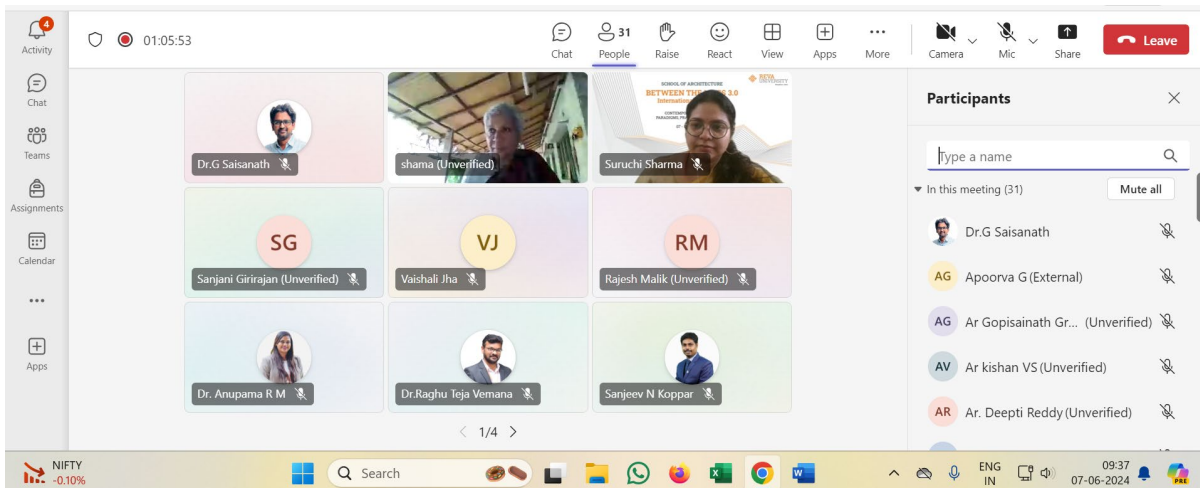
Editorial Board
Dr. Raghu Teja Vemana
Dr. G. Saisanath

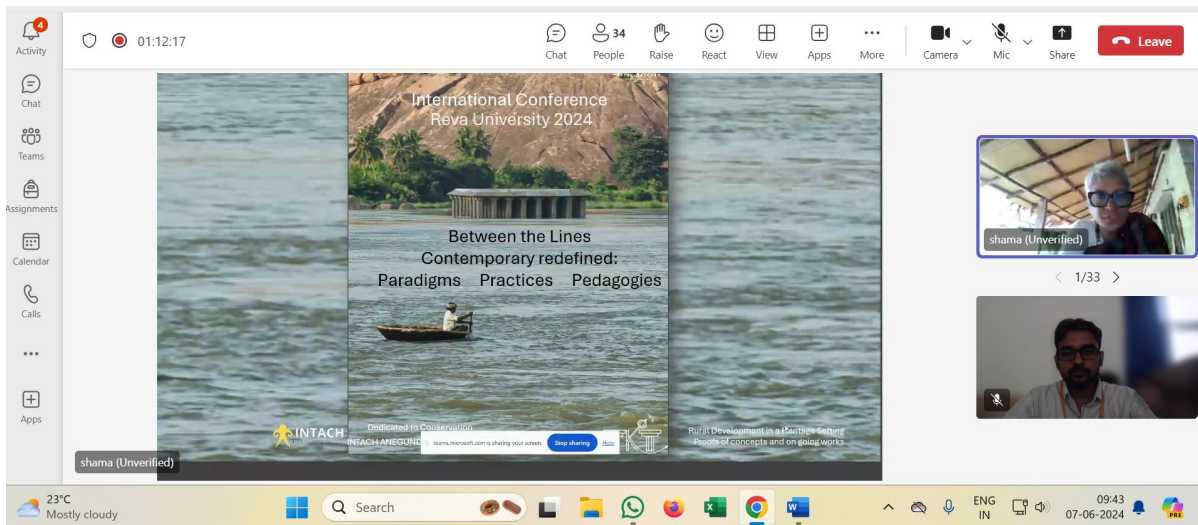
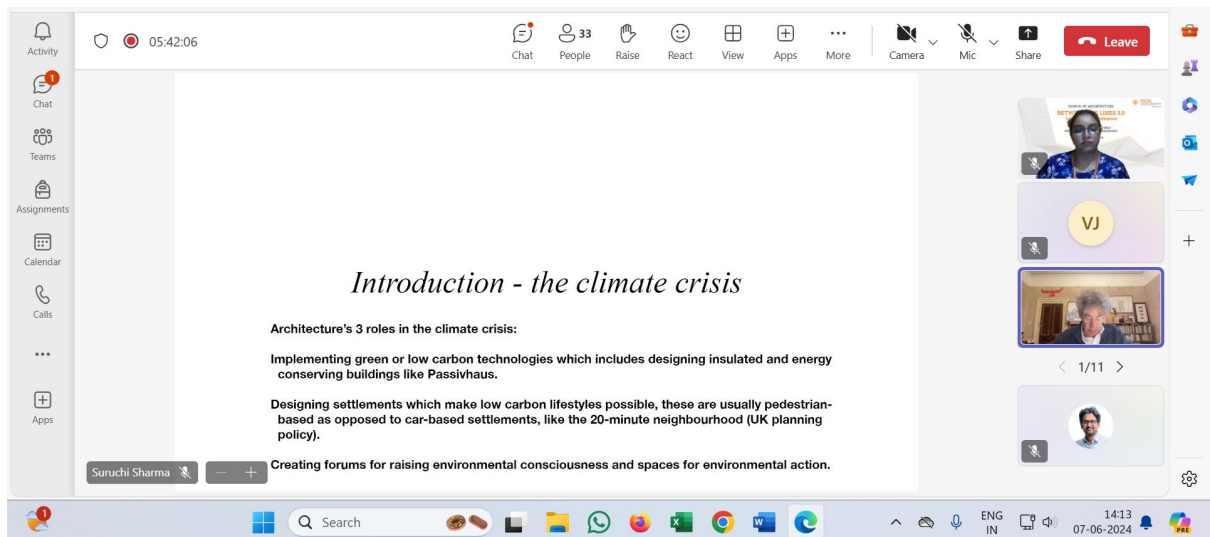
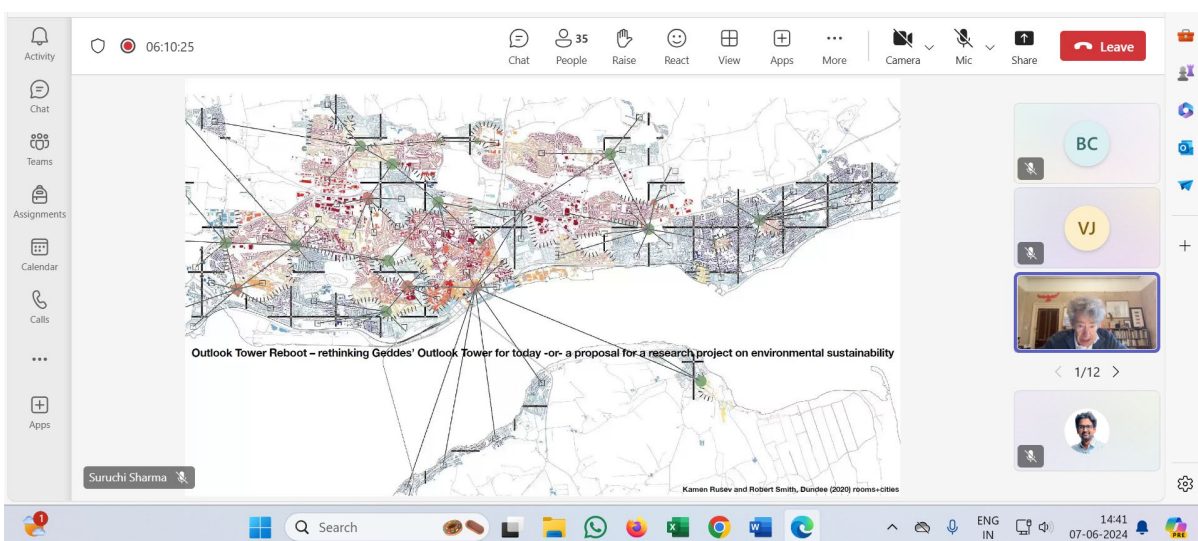
Conference Coordinators
Dr. G. Saisanath
Ar. K. J. Kiruthika Selvi

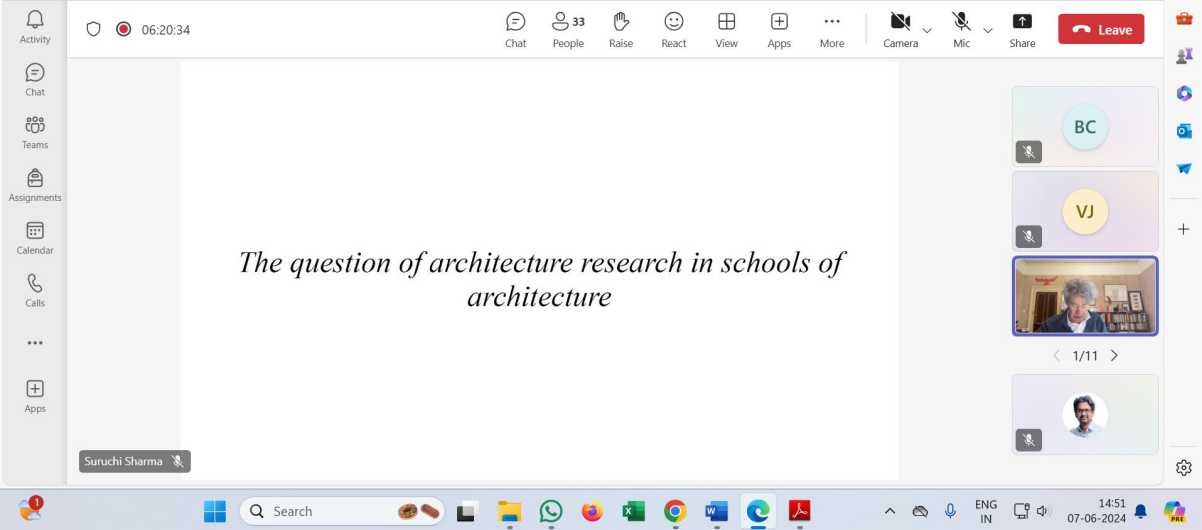


		School of Architecture, REVA University, Bangalore				
		BETWEEN THE LINES – 3.0				
		An International Conference on Architecture and Urban Planning 2024				
		Contemporary Redefined: Paradigm, Practice & Pedagogy				
		Venue: MS Teams - Online Platform				
09:00 AM - 09:30 AM		Inauguration and Introduction to the Conference				
09:30 AM - 10:15 AM		Keynote Address by Ms. Shama Pawar including Q&A				
10:15 AM - 10:30 AM		Q&A Session				
10:30AM - 10:45 AM		Break				
Schedule of Events						
Sno.	Date	Time	Session Chair	Participant Name	Topic	
1	DAY 1 - 7th of June	10:45 AM - 01:20 PM Session - I	Prof.Dr. M.N Chandrashekar,B.Arch, MURP, MS (NYU), Ph.D Dean & Professor SJB School of Architecture & Planning	Ar. Apoorva G	Role of Public Spaces in the Public Life of the Walled City of Bidar	
2				Ar. Praneetha P Jagdale	Echoes of tradition, Visions of Modernity : Navigating culture and heritage in Contemporart Architecture	
3				Ar. Sridevi Changali, Ar. Rosie Paul, Sivatuika J, Sanjani Gurirajan	Heritage Management and Conservation in Dynamic Urban Contexts	
4				Ar. Nikitha Madhavan and Ar. Preksha Udupa	Heritage Architecture as a Catalyst in the Realm of Performing Arts	
5				Ar. Prithviraj M , Ar. Anil Kumar Chilakapati	Assessing the Imageability of Historic Tourist City, Thiruvananthapuram Through Photographic Survey: Exploring Visual Appeal and Transformation	
6		01:20 PM - 02:00 PM	Lunch Break			
7		02:00 PM - 02:45 PM	Address of Keynote Speaker Dr. Lorens Holm			
8		02:00 PM- 04:00 PM Session - II	Prof. Ar. Rajini Itham Principal, NITTE school of Architecture	Ar. Sandeep	The Role of Memory in Historical Urban Spaces, Case: Mapping the lost Walled city of Nagpur	
9				Ar.Soujanya Nadig, Ar. Shreyasi Pal	Urban Heritage Diamorphosis Transformation of Kapaleeshwara Temple Precincts, Mylapore	
10				Ar. Surbahon Rajkumar	Traditional Urabanism : A study of Spatial Interactions	
11				Ar. Kirti Parvati	"Reimagining the Lake Communities- A Case of Sarakki Lake, Bengaluru, India"	
13				Ms. Ayushi roy	Reconnecting roots , Recreating mohalla at Kashmir	
14				Thankyou Address		

		School of Architecture, REVA University, Bangalore			
		BETWEEN THE LINES – 3.0			
		An International Conference on Architecture and Urban Planning 2024			
		Contemporary Redefined: Paradigm, Practice & Pedagogy			
		Venue: MS Teams - Online Platform			
Schedule of Events					
S.no.	Date	Time	Session Chair	Participant Name	Topic
1	Day 2 - 8th of June	09:00 AM - 10:15 AM			Addressing to the gathering and Address of Keynote Speaker Dr. Shakti Singh Chaudhan
2		10:15 AM - 11:10 AM Session - I	Dr. Parampreet Kaur, Associate Professor, Head of Institution, Amity School of Architecture and Planning, Amity University Chhattisgarh.	Ms. Daketi Kavya Bhanu	Approaching Sustainable Cities: Understanding Urban Context for Comprehensive Development
3				Ar. Rajesh Malik	Impact of new building materials and technologies on the evolution of World Architecture in the 21st century.
4				Ar. Sharin Durrai	Towards Sustainable water management on Campus, Case study on Reva University
5				11:15 am - 11:45 am	
6		11:45 AM - 1:30 PM Session - II	Dr. Parampreet Kaur, Associate Professor, Head of Institution, Amity School of Architecture and Planning, Amity University Chhattisgarh.	Ar. Nidhya, Ar. Piyush Pandya, Ar. Sonam Gowami	Integrated Hubs for India's Work-Life Challenges
7				Ar. Vrushali Dhanme and Ar. Shivkumar Raskhor	Early design stage assessment of adaptability and resilience indicators to prevent premature end of life of a building
8				Ar. Anil Krishnan	Exploring the Interdisciplinary Landscape of Metaverse Research, Towards Efficient Integration into Urban Fabric
9				Ar. Ramsha Midhat	A REVIVALIST'S MODERN INDIA OF TOMORROW
11					Lunch Break
12		1:30pm - 2:00 pm			Keynote Address by Mr. Ramaraju G.
13		02:00 PM - 04:20 PM Session - III		Ar. Veena Bhat	Waters of Change: Unveiling the Politics of Restoration at Kempanbadali Lake, Bengaluru
14				Ar. Geyndri S Shivakumar,	Examining Sustainable Building Materials from the perspective of Vernacular Architecture -
15				Ar. Anjali C	ACROSS THE LANDSCAPE: Transformation of Artistic traditions through Migration
16				Ar. Gopi G	Synthesis of Spatial Perception and Flexibility: Fusing Sensory Experience and Adaptive Strategies in Architectural Design
17				Ar. Amap	The assessment of the traditional style of houses of Uttarakhand adapting to the contemporary world
18				Ms. Garuisha	ENHANCING BUILDING CONSTRUCTION WITH COWDUNG ASH IN LIME STABILIZED RAMMED EARTH
19					





Activity 06:20:34

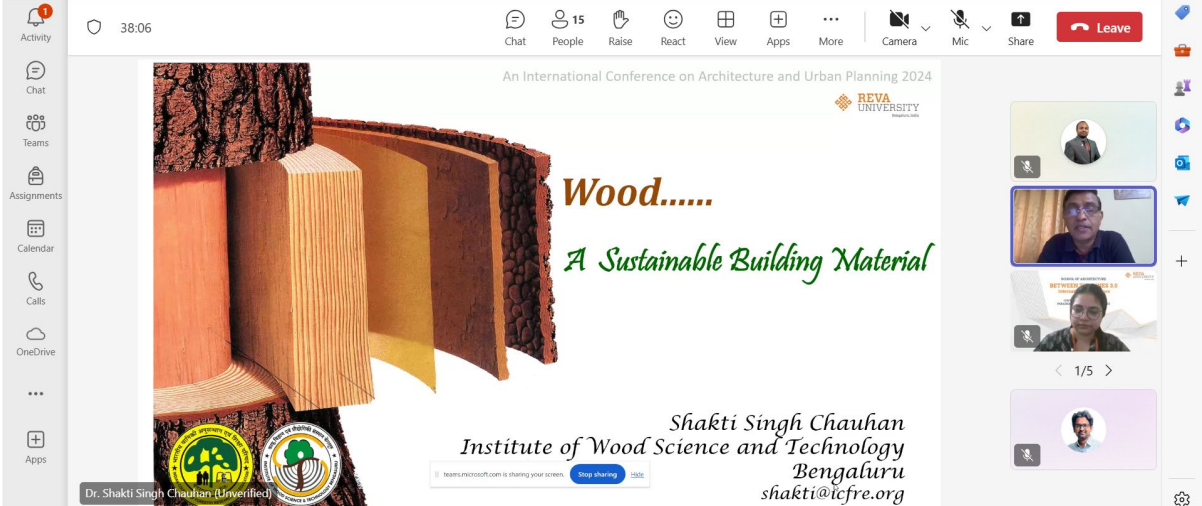
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The question of architecture research in schools of architecture

Suruchi Sharma

1 Search

ENG IN 14:51 07-06-2024



Activity 38:06

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An International Conference on Architecture and Urban Planning 2024

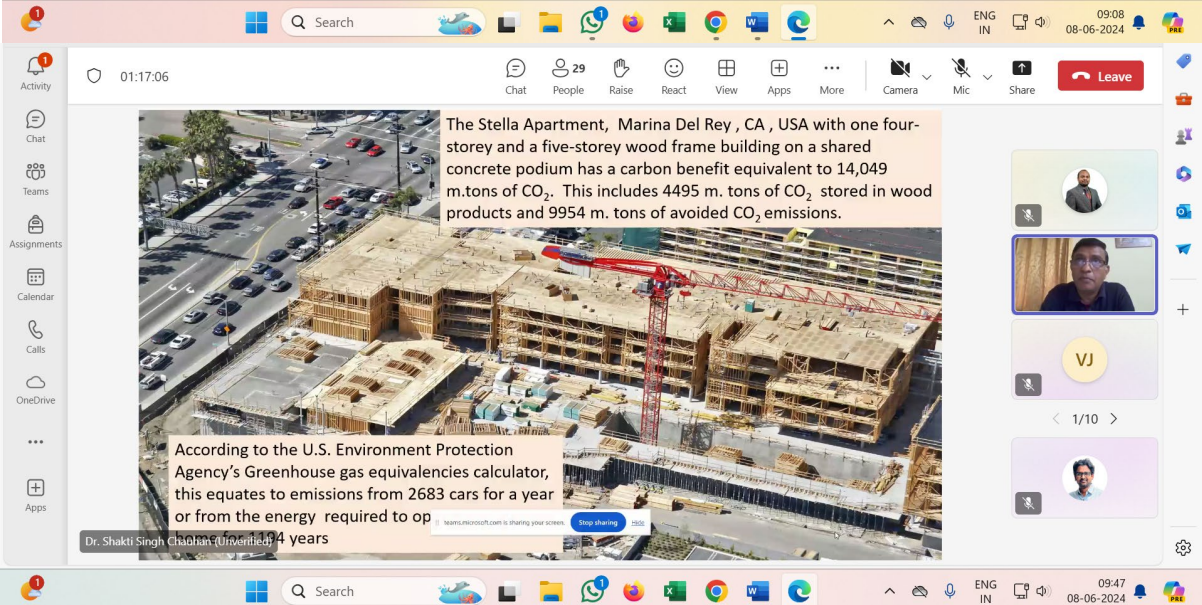
Wood.....
A Sustainable Building Material

Shakti Singh Chauhan
 Institute of Wood Science and Technology
 Bengaluru
 shakti@icfre.org

Dr. Shakti Singh Chauhan (Unverified)

1 Search

ENG IN 09:08 08-06-2024



Activity 01:17:06

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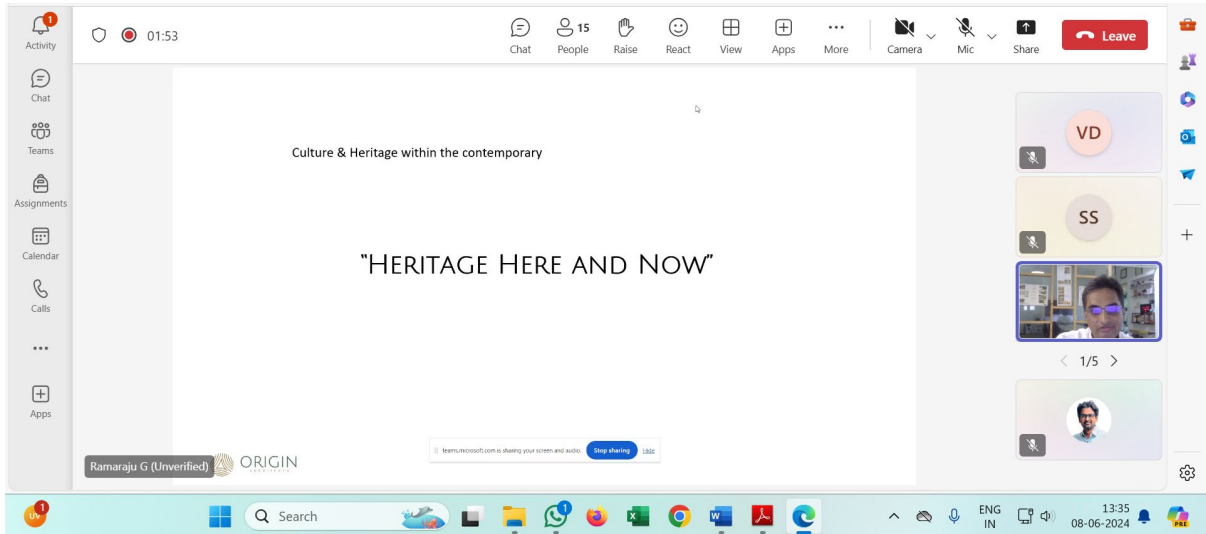
The Stella Apartment, Marina Del Rey, CA, USA with one four-storey and a five-storey wood frame building on a shared concrete podium has a carbon benefit equivalent to 14,049 m.tons of CO₂. This includes 4495 m. tons of CO₂ stored in wood products and 9954 m. tons of avoided CO₂ emissions.

According to the U.S. Environment Protection Agency's Greenhouse gas equivalencies calculator, this equates to emissions from 2683 cars for a year or from the energy required to op

Dr. Shakti Singh Chauhan (Unverified)

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ENG IN 09:47 08-06-2024



Activity 01:53

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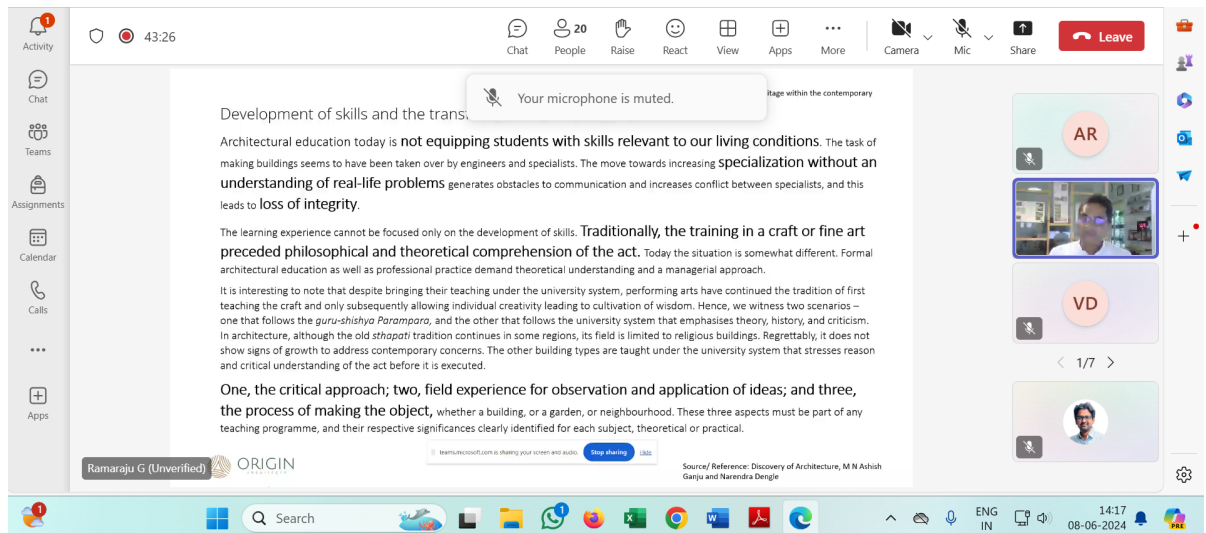
Culture & Heritage within the contemporary

"HERITAGE HERE AND NOW"

Ramaraju G (Unverified) ORIGIN

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13:35 08-06-2024



Activity 43:26

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Development of skills and the trans...

Architectural education today is not equipping students with skills relevant to our living conditions. The task of making buildings seems to have been taken over by engineers and specialists. The move towards increasing specialization without an understanding of real-life problems generates obstacles to communication and increases conflict between specialists, and this leads to loss of integrity.

The learning experience cannot be focused only on the development of skills. Traditionally, the training in a craft or fine art preceded philosophical and theoretical comprehension of the act. Today the situation is somewhat different. Formal architectural education as well as professional practice demand theoretical understanding and a managerial approach.

It is interesting to note that despite bringing their teaching under the university system, performing arts have continued the tradition of first teaching the craft and only subsequently allowing individual creativity leading to cultivation of wisdom. Hence, we witness two scenarios – one that follows the *guru-shishya Parampara*, and the other that follows the university system that emphasises theory, history, and criticism. In architecture, although the old *shapathi* tradition continues in some regions, its field is limited to religious buildings. Regrettably, it does not show signs of growth to address contemporary concerns. The other building types are taught under the university system that stresses reason and critical understanding of the act before it is executed.

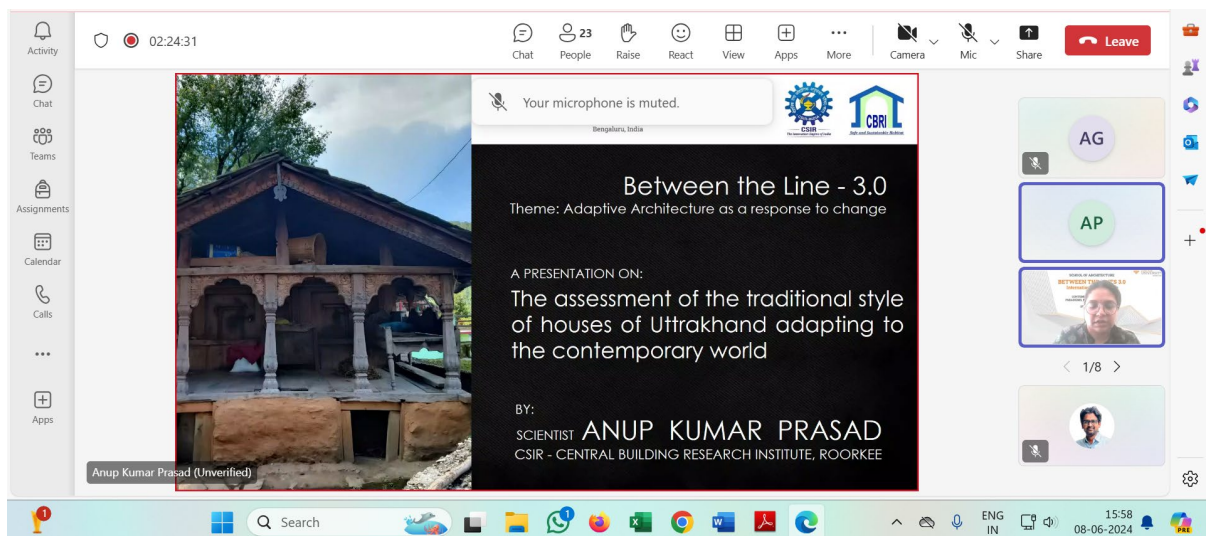
One, the critical approach; two, field experience for observation and application of ideas; and three, the process of making the object, whether a building, or a garden, or neighbourhood. These three aspects must be part of any teaching programme, and their respective significances clearly identified for each subject, theoretical or practical.

Ramaraju G (Unverified) ORIGIN

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Source/Reference: Discovery of Architecture, M N Ashish Garju and Narendra Dengle

14:17 08-06-2024



Activity 02:24:31

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Bengaluru, India

Between the Line - 3.0
Theme: Adaptive Architecture as a response to change

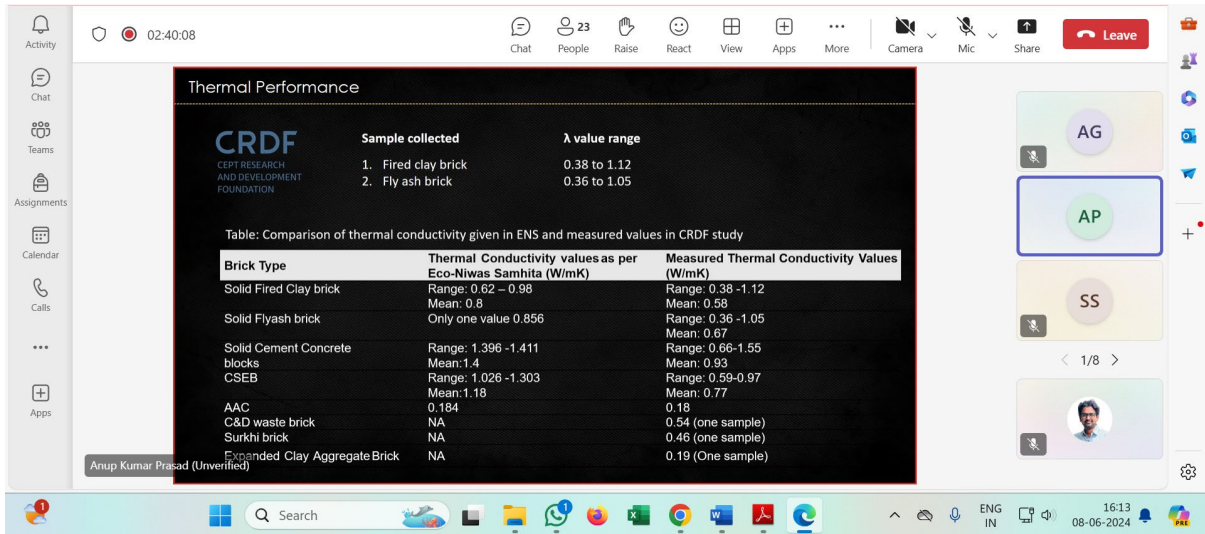
A PRESENTATION ON:
The assessment of the traditional style of houses of Uttarakhand adapting to the contemporary world

BY:
SCIENTIST ANUP KUMAR PRASAD
CSIR - CENTRAL BUILDING RESEARCH INSTITUTE, ROORKEE

Anup Kumar Prasad (Unverified)

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15:58 08-06-2024



Thermal Performance

CRDF
CEPT RESEARCH AND DEVELOPMENT FOUNDATION

Sample collected

1. Fired clay brick
2. Fly ash brick

λ value range

0.38 to 1.12
0.36 to 1.05

Table: Comparison of thermal conductivity given in ENS and measured values in CRDF study

Brick Type	Thermal Conductivity values as per Eco-Niwas Samhita (W/mK)	Measured Thermal Conductivity Values (W/mK)
Solid Fired Clay brick	Range: 0.62 – 0.98 Mean: 0.8	Range: 0.38 -1.12 Mean: 0.58
Solid Flyash brick	Only one value 0.856	Range: 0.36 -1.05 Mean: 0.67
Solid Cement Concrete blocks	Range: 1.396 -1.411 Mean: 1.4	Range: 0.66-1.55 Mean: 0.93
CSEB	Range: 1.026 -1.303 Mean: 1.18	Range: 0.59-0.97 Mean: 0.77
AAC	0.184	0.18
C&D waste brick	NA	0.54 (one sample)
Surkhi brick	NA	0.46 (one sample)
Expanded Clay Aggregate Brick	NA	0.19 (One sample)

Anup Kumar Prasad (Unverified)

