



**K.R. MANGALAM UNIVERSITY**  
THE COMPLETE WORLD OF EDUCATION

**INTERNATIONAL CONFERENCE ON**  
**"MULTIDISCIPLINARY ASPECTS OF ARCHITECTURE AND**  
**PLANNING: ENHANCING THE CONNECTIONS"**

**ICMAD-2022 conducted by SOAD, K. R. Mangalam University, Gurugram**

**Target Group:** Academicians, Professionals and Students of Architecture and Design from India, Italy and Brazil.

**Coordinator:** Ar. Manika Goel from K.R. Mangalam University, Gurugram, and Dr. Deepashree Choudhury from Piloo Mody College of Architecture, Cuttack

**Date and Time:** 24th to 26th June 2022, from 9:30 am to 4:00 pm

**Venue:** E-Conference - 3 days

**Introduction**

School of Architecture and Design at K.R. Mangalam University aims to give participants a chance to present their research locally and globally. The International Conference ICMAD-2022 was in collaboration with Council of Architecture (COA), Council of Architecture -Training and Research Centre (COA-TRC), Bhopal and Anhembi Morumbi University, Sao Paulo, Brazil. Knowledge partner for this conference was Council of Architecture. Along with that, DIAPReM Centre, Department of Architecture, University of Ferrara-Italy, Piloo Mody College of Architecture-Cuttack and RV College of Architecture- Bengaluru were the Intellectual Partners.

Collaboration across organizational and cultural boundaries extended the possibilities of research. International collaboration enabled researchers to access additional, often specific, expertise, gain new perspectives on research and build relationships with others in the field.

The major objective of the conference was to promote research in the field of Architecture and Planning and to relate professional practice with academics through research. Along with that, it offered a platform across the globe to bring Academicians, Professionals and Students of Architecture together. ICMAD-2022 also aimed to highlight the diverse aspects of the discipline of Architecture.

**Objectives**

- To gather researchers, practitioners, academicians and students, to jointly discuss, exchange their ideas & experiences and envision the future scenarios of cities.
- To provide a global platform to discuss the need of improvement of everyday urban life.
- To focus on the influence of Urban conservation, History & Criticism and Technology & Management on Architecture, Design and Planning. Content

## **1. Themes**

The conference offers an interdisciplinary platform to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered, and solutions adopted in the field of Architecture and Planning. The approach should be holistic and include built environment, development of materials, conservation and regeneration of spaces and sustainability.

### **Sub- Theme – 1: Need of Improvement of Everyday Urban Life with a strong focus on functionality, livability and sustainability**

- *Urban Scenarios*
- *Climate Responsive Design*
- *Sustainable Development*
- *Urban Planning*
- *Future Scenarios of cities*

### **Sub- Theme – 2: Application of Urban conservation, History & its Criticism in Architecture, Design, Planning, and Innovation**

- *Urban Regeneration*
- *Critique Buildings & settlements*
- *Architectural Practice and Analyzing Built Environment*

### **Sub-Theme-3: Application of Technologies and Management in Architecture, Design, Planning, and Innovation**

- *Trending Technologies*
- *Smart Materials*
- *Waste Management,*
- *Construction & Project Management*



## 2. Brochure

### ABOUT

#### K.R. Mangalam University

K.R. Mangalam University is a fast-growing higher education institute in Gurugram, India. Since its inception in 2013, the University has been striving to fulfill its prime objective of transforming young lives through ground-breaking pedagogy and global collaborations towards the progress of the nation.

All School of Architecture & Design students pursue architecture and design related courses to construct sensitive habitable spaces. The programmes equip the students with knowledge, skills, and attitude to attain capabilities required to understand current scenarios and address future challenges in this field. The curriculum balances creativity, aesthetic understanding, and skills along with ethical practices.

#### Anhembi Morumbi University, Brazil

Anhembi Morumbi University has been operating for 50 years in the state of São Paulo, Brazil. The institution offers Undergraduate, Undergraduate Degree in Technology, Lato Sensu (MBA and Specialization) and Stricto Sensu (Master's and Ph.D.) programs, covering the areas of Art, Architecture, Design & Fashion; Health Sciences; Communication; Law; Education; Engineering & Technology; Business; Tourism & Hospitality. Currently, Anhembi Morumbi integrates Anima Education group, joining 27 educational institutions around the country.

#### COA-TRC, Bhopal

The Government of India had initiated two major campaigns, namely the Startup India Initiative, and the National Mission for Skill Development. Keeping in view these recent initiatives, the Council of Architecture has now decided to open its academic and research wing through the establishment of Council of Architecture Training and Research Centres (COA-TRC) at five zones in India, with Bhopal as one of its Centre. The purpose of this COA-TRC is to nurture a culture of entrepreneurship in the creative minds of young architects and designers so that their ideas metamorphose into newer and niftier products or services capable of being utilized commercially.

#### Patron

Shri Khan Habeeb Ahmed, Mohd. Ahmed Khan  
President, Council of Architecture, New Delhi

#### Chief Advisor

Dr. Amogh Kumar Gupta  
School of Planning and Architecture, New Delhi

#### Conference Advisors

Ar. Dharitri Das  
Pilo Mody College of Architecture, Cuttack  
Ar. Hemant Singh  
K.R. Mangalam University, Gurugram  
Dr. Jagdish Singh  
Vice President, Institute of Town Planners India  
Prof. Marcello Balzani  
University of Ferrara, Italy  
Ar. Neha Sharma  
Mindtree-NAT, IEEE India Council 2021  
Dr. Om Prakash Bawane  
R V College of Architecture, Bengaluru  
Prof. Rechilene Mendonca Maia  
Anhembi Morumbi University, Brazil  
Dr. Satyaki Sarkar  
Birla Institute of Technology, Mesra

#### Conference Organizers

Convener  
Dr. Navneet Munoth  
Hon. Director, COA-TRC, Bhopal  
Coordinators and Correspondence  
Ar. Manika Goel  
K.R. Mangalam University, Gurugram  
Dr. Deepashree Choudhury  
Pilo Mody College of Architecture, Cuttack  
Email:  
[manika.goel@krmangalam.edu.in](mailto:manika.goel@krmangalam.edu.in)  
[deepashree.choudhury@pilo.edu.in](mailto:deepashree.choudhury@pilo.edu.in)  
Contact number:  
+91 7500130795 | +91 9050137634



#### International Conference

#### on "Multidisciplinary Aspects of Architecture and Planning: Enhancing the Connections"

Jointly Organize by

Council of Architecture - Training and  
Research Centre, Bhopal  
and  
School of Architecture and Design,  
K.R. Mangalam University, Gurugram  
along with  
Anhembi Morumbi University,  
Sao Paulo, Brazil

**24th -26th June 2022**

**Selected paper will be published in  
UGC / Scopus Indexed Journal on  
the term of the respective journal**  
Remaining paper will be published in book  
format with ISBN

Figure 1: Page 1 of Brochure

### SUBMISSION INFORMATION

- Abstract should not exceed 1 page, including all figures and references.
- Abstract and Paper will be peer-reviewed by at least two experts from the technical program committee following a single-blind review process (i.e., the identity of the reviewer is hidden, but the authors' names and affiliations should be included in the submission).
- The Abstract and Paper will be evaluated based on relevance, soundness, novelty, practical relevance and potential impact.
- More information about the Paper template will be mailed to you on abstract acceptance.

### WHO SHOULD PARTICIPATE

This International Conference is aimed at Academicians/ Architects/ Planners/ Engineers/ Policy Makers/ Bureaucrats/ Ph.D. Scholars and UG/PG students who are desirous of attending and presenting their research during the conference sessions.

### CALL FOR PAPERS

The major intent of the conference is to provide a global platform to discuss all aspects of architecture and design and promote research in the field. It will focus on the themes like Improvement in everyday urban life, Urban conservation, History & Criticism and Technology & Management on Architecture, Design and Planning.

The approach should be holistic and include built environment, development of materials, conservation & regenerations of spaces and sustainability. Thus, this conference offers an interdisciplinary platform to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered, and solutions adopted in the field of Architecture and Design.

### CONFERENCE THEMES

Sub-Theme - 1: Need of Improvement of Everyday Urban Life with a strong focus on functionality, livability and sustainability

- Urban Scenarios
- Climate Responsive Design
- Sustainable Development
- Urban Planning
- Future Scenarios of cities

Sub-Theme - 2: Application of Urban conservation, History & its Criticism in Architecture, Design, Planning, and Innovation

- Urban Regeneration
- Critique Buildings & settlements
- Architectural Practice and Analyzing Built Environment

Sub-Theme-3: Application of Technologies and Management in Architecture, Design, Planning, and Innovation.

- Trending Technologies
- Smart Materials
- Waste Management
- Construction & Project Management

### IMPORTANT DATE

|   |  |
|---|--|
| 10 <sup>th</sup> February 2022                      | Abstract Submission Deadline (midnight)  |
| 24 <sup>th</sup> February 2022                      | Confirmation of abstract acceptance      |
| 6 <sup>th</sup> April 2022                          | Full paper submission                    |
| 30 <sup>th</sup> May 2022                           | Full paper acceptance                    |
| 8 <sup>th</sup> June to 19 <sup>th</sup> June 2022  | Early registration                       |
| 19 <sup>th</sup> June to 20 <sup>th</sup> June 2022 | Extended registration with extra charges |
| 21 <sup>st</sup> June 2022                          | Submission of presentation               |

### KNOWLEDGE PARTNER



### INTELLECTUAL PARTNER



### REGISTRATION FEES

|                                    |          |
|------------------------------------|----------|
| For Indian student                 | INR 1500 |
| Indian Academicians/ Professionals | INR 3000 |
| Foreign Delegate                   | USD 250  |

As per the journal requirement extra payment will be made apart from registration fees

### REGISTRATION LINK

[https://docs.google.com/forms/d/1FAIpQLSeh1AUYvY8eFQmH4-2WkGccqfWtYtJdCCL1q2K4D7\\_vWw/viewform](https://docs.google.com/forms/d/1FAIpQLSeh1AUYvY8eFQmH4-2WkGccqfWtYtJdCCL1q2K4D7_vWw/viewform)

### PAYMENT LINK

<https://razorpay.kicbank.com/razorpay-link?P1=8v29KTAGSNepH3R1vY8Q==>

Kindly send the scanned Images of proof of payment on: [post@krcbaa.com](mailto:post@krcbaa.com) to confirm registrations

Figure 2: Page 2 of Brochure

### 3. Poster



**K.R. MANGALAM UNIVERSITY**  
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**Universidade Anhembi Morumbi**

**International Conference**  
on  
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Jointly Organized by  
Council of Architecture-Training and  
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**24<sup>th</sup> June – 26<sup>th</sup> June 2022**

Session Timing  
Day 1: 9:30 am to 4:00pm  
Day 2: 9:30 am to 4:00pm  
Day 3: 9:30 am to 4:00pm

Knowledge Partner



Council of Architecture

Intellectual Partner



DA

**INAUGURAL CEREMONY**



Shri Khan Habib Ahmed Mohd. Ahmed Khan  
President,  
Council of Architecture  
New Delhi



Prof. Chandra Shekhar Dubey  
Vice Chancellor  
K.R. Mangalam University  
Gurugram



Dr. Navneet Munoth  
Director, COA-TRC  
Bhopal



Ar. Hemant Singh  
Dean SOAD  
K.R. Mangalam University  
Gurugram



Dr. Felipe Corres Melachos  
Professor  
Anhembi Morumbi University,  
Sao Paulo, Brazil



Dr. Luca Rossato  
DIAPReM Research Centre,  
University of Ferrara,  
Department of Architecture,  
Ferrara, Italy



Dr. Om Prakash Bawane  
Principal  
R.V. College of Architecture,  
Bengaluru



Dr. Dharitri Das  
Principal  
Pilo Mody College of Architecture,  
Cuttack

**KEYNOTE SPEAKER**



Dr. Deepashree Choudhury  
Professor  
Pilo Mody College of Architecture,  
Cuttack



Anisha Shekhar Mukherjee  
Assistant, Conservation  
Architect, Author, Visiting  
Faculty School of Planning and  
Architecture New Delhi



Ar. Phani Ram Pingali  
Professor  
R.V. College of Architecture,  
Bengaluru

**VALEDICTORY**



Dr. Punjpal Singh  
Vice Chancellor  
K.R. Mangalam University  
Gurugram



Dr. Navneet Munoth  
Director, COA-TRC  
Bhopal



Dr. Mariana De Souza Rolim  
Professor  
Anhembi Morumbi University  
Sao Paulo, Brazil

**MODERATOR**



Ar. Manika Goel  
Assistant Professor, Architecture Department  
K.R. Mangalam University, Gurugram

Figure 3: Poster of common room

### 4. Inaugural and Valedictory Session Schedule

| S.NO. | INAUGURAL CEREMONY- DAY 1               |  |
|-------|---|--|
| 1     | Ar. Manika Goel                         | Assistant Professor, K.R. Mangalam University, Gurugram  |
| 2     | Ar. Hemani Singh                        | DEAN- SOAD, K.R. Mangalam University, Gurugram   |
| 3     | Professor Chandra Shekhar Dubey         | Hon. Vice Chancellor, K.R. Mangalam University, Gurugram   |
| 4     | Dr. Navneet Munoth                      | Hon. Director, COA-TRC, Bhopal   |
| 5     | Shri Khan Habib Ahmed. Mohd. Ahmed Khan | President, Council of Architecture, New Delhi  |
| 6     | Dr. Felipe Corres Melachos              | Professor, Anhembi Morumbi University, Sao Paulo, Brazil   |
| 7     | Dr. Om Prakash Bawane                   | Principal, R V College of Architecture, Bengaluru  |
| 8     | Dr. Luca Rossato                        | DIAPReM Research Centre, University of Ferrara, Department of Architecture, Ferrara, Italy               |
| 9     | Professor Dharitri Das                  | Principal, Pilo Mody College of Architecture, Cuttack  |
| 10    | Dr. Deepashree Choudhury                | Professor, Pilo Mody College of Architecture, Cuttack - KEY NOTE SPEAKER THEME 1                         |
| S.NO. | DAY 2                                   |  |
| 1     | Anisha Shekhar Mukherjee                | Conservation Architect, Author, Visiting Faculty School of Planning and Architecture, New Delhi -KEYNOTE |



|       |                        |   |
|-------|------------------------|---|
|       |                        | SPEAKER THEME 2   |
| S.NO. | DAY 3                  |   |
| 1     | Ar. Phani Ram Pingali, | Professor of Architecture, R V College of Architecture, Bengaluru - KEYNOTE SPEAKER THEME 3 |

| S.NO. | VALEDICTORY SESSION        | AFFILIATION  |
|-------|----------------------------|--|
| 1     | Ar. Manika Goel            | Assitant Professor, K.R. Mangalam University, Gurugram                                     |
| 2     | Dr. Navneet Munoth         | Hon. Director, COA-TRC, Bhopal   |
| 3     | Dr. Mariana De Souza Rolim | Professor, Anhembi Morumbi University, Sao Paulo, Brazil                                   |
| 4     | Dr. Luca Rossato           | DIAPReM Research Centre, University of Ferrara, Department of Architecture, Ferrara, Italy |

## 5. External Panel Members for three days E-Conference

### Day 1; 24<sup>th</sup> June 2022

1. Dr. Jatinder Kaur is presently working in the School of Planning & Architecture, New Delhi as Associate Professor in Architecture. With a graduation in Architecture in 1994, she did her postgraduation in Construction Technology and Management in 2008, and a PhD titled "Design Strategies for Energy Efficient Building Envelope: Office Buildings in Composite Climate of India". Her research interests are in the areas of Design for Energy Efficiency, Visual Arts, Crafts and Graphics. She is a well-known artist, administrator and academican in the field of Architecture.  
Prior to serving at School of Planning & Architecture, Delhi, Dr. Jatinder Kaur had been the Professor and Head of GZS School of Architecture & Planning, MRSPTU, Bathinda. She has a vast experience of 26 years in teaching & research. She has more than 20 publications in journals and conferences at national and international level. She was selected by Bureau of Energy Efficiency, Ministry of Power, Govt. of India for the "Knowledge Transformation Programme cum Field visit to Germany for the Energy Efficient Built Environment in India in 2018.
2. Misha Mittal's experience spans across various domains in UAE, the UK, and India. Her past engagements include architectural consultancy, academic consulting, and government advisory.  
Misha has appeared as a guest speaker at many regional and international urban planning, humanitarian, and technology conferences. A few of these are the Middle East Smart Landscape Summit, Humanitarian Technology and Equipment Summit, Transit-Oriented Development Summit, and Smart Cities World Expo. She has been involved as a career mentor with Cardiff University, is a member of ISOCARP, and the Council Member of the UAE-India Business Council of Women's Indian Chamber of Commerce and Industry.  
Misha holds a bachelor's degree in Architecture, an M.Sc. in the practice of Sustainable Design, and has completed executive education from the Indian Institute of Management-Kozhikode and the University of Cambridge. She actively supports NGOs, Environment Education & Protection programs through her voluntary participation to achieve the wider sustainability goals.

3. Anisha Shekhar Mukherji, after graduating as an architect from SPA Delhi, went on to study architectural conservation as an ODA Scholar at the De Montfort University, U.K. As a conservation consultant, architectural historian and an independent designer and researcher, her forte lies in reading historical sites and investigating knowledge-systems encapsulated in indigenous traditions. Through her publishing house, Ambi Knowledge Resources Pvt Ltd, and initiatives on public dialogues and talks on her Youtube channel, she seeks to question and analyse alternative ways of building and development appropriate to the culture and climate of the sub-continent.
- She integrates these interests into her teaching-modules as visiting faculty at SPA Delhi, and focuses attention on them in the public domain through her writings in her blog as well as in journals, magazines and books — which include The Red Fort of Shahjahanabad (OUP, 2003), Jantar Mantar, Maharaja Sawai Jai Singh's Observatory in Delhi (Ambi, 2010), Attributing Design Identity; Identifying Design Attributes (Ambi 2020).



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**International Conference on**  
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and  
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**24<sup>th</sup> June – 26<sup>th</sup> June 2022**

**Session Timing**  
Day 1: 9:30 am to 4:00pm  
Day 2: 9:30 am to 4:00pm  
Day 3: 9:30 am to 4:00pm

Knowledge Partner:  Council of Architecture

Intellectual Partner:   Department of Architecture  RV College of Architecture

**DAY 1 – 24<sup>th</sup> JUNE 2022**

| ROOM 1   | ROOM 2  | ROOM 3  |
|--|---|---|
| <br><b>Dr. Jatinder Kaur</b><br>Associate Professor<br>School of Planning & Architecture<br>New Delhi                            | <br><b>Misha Mittal</b><br>Advisor, Urban Planner<br>Formerly associated with the Department of<br>Municipalities and Transport,<br>Alva Datta | <br><b>Anisha Shekhar Mukherji</b><br>Architect, Conservation Architect, Author<br>Visiting Faculty, School of Planning and<br>Architecture,<br>New Delhi |
| <br><b>Ar. Hemant Singh</b><br>Professor and Dean<br>School of Architecture and Design<br>K.R. Mangalam University,<br>Gurugram | <br><b>Ar. Hirannmayi S</b><br>Assistant Professor<br>K.V. College of Architecture,<br>Bengaluru  | <br><b>Dr. Deepashree Choudhury</b><br>Professor<br>Pillay Marudai College of Architecture,<br>Coimbatore  |
| <br><b>Ar. Manika Goel</b><br>Assistant Professor<br>School of Architecture and Design<br>K.R. Mangalam University,<br>Gurugram | <br><b>Ar. Shweta Pedaparthi</b><br>Assistant Professor<br>E.V. College of Architecture,<br>Bengaluru   | <br><b>Ar. Ruma Bhatt</b><br>Assistant professor<br>Pillay Marudai College of Architecture,<br>Coimbatore  |

Figure 4: Poster of Day-1, Panel members for individual room

## Day 2; 25<sup>th</sup> June 2022

1. Girish Ramanathan is an alumnus of the University of Roorkee and graduated with a degree in Architecture in 1986. Subsequently, he worked with UC Jain Architects in Bombay for a year. During his tenure there, one of the projects he was associated with was the prestigious Indira Gandhi Institute of Development Research, Goregaon. He then joined the School of Planning and Architecture, New Delhi and graduated with a Master's degree in Urban Planning in 1989. After obtaining his Master's degree, he came down to Bangalore and worked for a year in the regional office of CM Correa consultants. During the time, he was associated with the Center for Cellular and Molecular Biology project at Hyderabad.



2. Niki Shah is an Architect and Urban Designer with more than 19 years of work experience in India and the Netherlands. He obtained his B.Arch. degree from The M.S. University of Baroda and M.Sc. in Urbanism from TU Delft. He was awarded the M. B. Dave Gold Medal by MSU and the prestigious Netherlands Fellowship (HSP Huygens) Programme Scholarship for studies at Delft which he completed with distinction.

Over the years he has accrued a wide range of professional experience in the fields of Architecture, Landscape design, Urban design and planning. Niki leads the Design Studio at HCP and mentors a multidisciplinary team of architects, urban designers and planners.

Some of his key works include: Central Vista, New Delhi; Amochhu Riverfront and Township Development, Phuentsholing, Bhutan; Sabarmati Riverfront Development, Ahmedabad; Mumbai Port Complex Masterplan; IIMA New Campus; Ahmedabad University Masterplan; Swarnim Park, Gandhinagar; CG Road Redevelopment, Research on Urban Forms & Street Design in Indian Context.

3. Vipul B. Varshney is an Architect, Author, Artist, Heritage and Culture Enthusiast and Activist. She has Masters in Urban Planning. She is Convenor for INTACH, Lucknow Chapter and Adviser for National Scientific committee & ICOMOS- International Council of Monuments and Sites, India and Vipul B. Varshney has won more than 25 awards. These include A winner of coveted awards like U.P. Ratan 2013, Shakti Samman 2015 from Governor of Uttar Pradesh, Heritage Award from U.P Government, Awardee of A3 International Foundation –Excellence in Architectural Journalism 2016, Women of the year-2004” award in creative field by Sahara welfare foundation.



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Day 1: 9:30 am to 4:00pm  
Day 2: 9:30 am to 4:00pm  
Day 3: 9:30 am to 4:00pm

Knowledge Partner:  Council of Architecture

Intellectual Partner:  Department of Architecture, PPRCA

**DAY 2 – 25<sup>th</sup> JUNE 2022**

| ROOM 1  | ROOM 2   | ROOM 3   |
|---|--|--|
| <br><b>Ar. Girish Ramanathan</b><br>Associate Professor<br>RV College of Architecture,<br>Bengaluru                            | <br><b>Ar. Niki Shah</b><br>Director, Urban Designer<br>HCP Design, Planning and Management Pvt<br>Ltd, Ahmedabad | <br><b>Ar. Vipul Varshney</b><br>Architect, Author and Urban Planner<br>Director - Sahapath India               |
| <br><b>Ar. Hemant Singh</b><br>Professor and Dean<br>School of Architecture and Design<br>K.R. Mangalam University,<br>Gurgaon | <br><b>Ar. Alisha Sinha</b><br>Assistant Professor<br>R.V. College of Architecture,<br>Bengaluru                  | <br><b>Dr. Sumanta Misra</b><br>Professor<br>Pablo de la Torre College of Architecture,<br>Cuttack              |
| <br><b>Ar. Manika Geel</b><br>Assistant Professor<br>School of Architecture and Design<br>K.R. Mangalam University,<br>Gurgaon | <br><b>Ar. Shweta Pedaparthi</b><br>Assistant Professor<br>R.V. College of Architecture,<br>Bengaluru             | <br><b>Ar. Chitrasen Parida</b><br>Associate Professor<br>Pablo de la Torre College of Architecture,<br>Cuttack |

Figure 5: Poster of Day-2, Panel members for individual room

**Day 3; 26<sup>th</sup> June 2022**

1. Dr Rajeev Garg, a graduate (B. Arch.) of Lucknow University and Doctorate (Ph.D.) from IIT Roorkee is a seasoned academician and professional having experience of more than two decades in the field of architecture. Apart from having academic association with premier institutions (Aligarh Muslim University, NIT Hamirpur, Galgotias University and Shri Mata Vaishno Devi University and now DIT University), Dr Garg has served leading National and International corporates (TATA Consulting Engineers Limited and JACOBS Engineering) in various capacities. Dr Garg has authored 03 Books (Ancient Indian Architecture, More Effective Teaching Learning, SCIENCE Beyond QUANTUM) and have contributed 25+ technical / research papers in Journals and Conferences. Dr Garg has contributed significantly so far in strengthening architectural education in India by imparting quality teaching, preparing course material & educational videos and by organizing Faculty Development Programs at many reputed institutions across India.
2. Mahfuzar Rahman Barbhuiya, popularly known as Mehfuz, is an Architect, Planner and Urban Data Analyst. He graduated in Architecture from NIT Bhopal in 2013 and further completed his post-graduation from IIT Roorkee in Urban and Rural Planning. Currently, He is working as Assistant Professor at BMS School of Architecture, Bengaluru. He is an Accredited Professional of IGBC and a Certified Professional, GRIHA. He is a recipient prestigious 'Graduate Scholar Award' in 2015 and 2016 by Common Ground Publishing for his exemplary research works. He has delivered many guest lectures in conferences, FDPs and special sessions. He has been an invited expert for many workshops and knowledge-building seminars. Mehfuz is also the Asia Pacific Member of TTRA and ISRS. As a researcher, he has published several papers in International Journals and research pieces as book chapters with leading international publishers and several paper presentations at international conferences.
3. Professor Sanjeev Singh is a Professor of Architecture at Department of Architecture, School of Planning and Architecture Bhopal. An Architecture graduate from Government College of Architecture (now Faculty of Architecture, AKTU, U.P), he completed his Master's (Environmental Studies) from Melbourne University and PhD from National University of Singapore. He has been the recipient AUSAID scholarship and Post Graduate Research Scholarship National University of Singapore for his Master's and PhD studies. He has a Teaching and Practice experience of over more than 30 years. His research interests are in the field of Vernacular Architecture, Cultural Landscapes, and Environmental Studies. He has been conducting Vernacular Studio at SPA Bhopal since past twelve years and has publications at national and international level that refer to his interest areas. Presently he is also holding the position of Dean (Planning and Development) at SPA, Bhopal. He has been on various committees of a number of National Institutes in the capacity of expert member.





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**CA** **A** **Universidade Anhembi Morumbi**

**TRC**

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Knowledge Partner: **CA** Council of Architecture  
Intellectual Partner: **DA** Department of Architecture, **PMCA** PM College of Architecture

**DAY 3 – 26<sup>th</sup> JUNE 2022**



| ROOM 1   | ROOM 2  | ROOM 3  |
|--|---|---|
| <br><b>Dr. Rajeev Garg</b><br>Professor<br>DIT University,<br>Dehradun  | <br><b>Ar. Mahfuzur R Barbhuiya</b><br>Assistant Professor<br>BMS School of Architecture,<br>Bangalore | <br><b>Dr. Sanjeev Singh</b><br>Professor<br>School of Planning and Architecture,<br>Bhopal  |
| <br><b>Ar. Hemant Singh</b><br>Professor and Dean<br>School of Architecture and Design<br>K.R. Mangalam University,<br>Gurugram | <br><b>Ar. Nishant</b><br>Assistant Professor<br>P.V. College of Architecture,<br>Bangalore            | <br><b>Dr. Santosh Kumar Mishra</b><br>Dean, Faculty of Architecture, BPUT,<br>Odisha and<br>Advisor<br>P.V. College of Architecture,<br>Bangalore |
| <br><b>Ar. Manika Goel</b><br>Assistant Professor<br>School of Architecture and Design<br>K.R. Mangalam University,<br>Gurugram | <br><b>Ar. Shweta Fedaparathi</b><br>Assistant Professor<br>P.V. College of Architecture,<br>Bangalore | <br><b>Dr. Deepashree Chondhury</b><br>Professor<br>P.V. College of Architecture,<br>Bangalore   |

Figure 6: Poster of Day-3, Panel members for individual room

## 6. List of Reviewers

| S.NO. | Reviewers Name                  | Affiliation   |
|-------|---------------------------------|---|
| 1     | Prof. (Dr.) Indrani Chakraborty | Professor and Dean, Faculty of Architecture and Planning, Integral University, Lucknow, Uttar Pradesh, India  |
| 2     | Dr. Subhrajit Banerjee          | Associate Professor, Faculty of Architecture and Planning, Dr. A.P.J. Abdul Kalam Technical University, Lucknow, Uttar Pradesh, India                   |
| 3     | Dr. Ritu Gulati                 | Associate Professor, Faculty of Architecture, Dr. A.P.J. Abdul Kalam Technical University, Lucknow, Uttar Pradesh, India                                |
| 4     | Dr. (Ar.) Safiullah Khan        | Associate Professor and Head of Planning, Faculty of Architecture, Planning and Design, Integral University, Lucknow, Uttar Pradesh, India              |
| 5     | Dr. Sanjeev Singh               | Professor, Department of Architecture, School of Planning and Architecture, Neelbad Road, Bhauri, Bhopal, Madhya Pradesh, India                         |
| 6     | Prof. (Dr.) Jagdish Singh       | Professor and Proctor, Architecture and Planning Departments, Institute at Maulana Azad National Institute of Technology, Bhopal, Madhya Pradesh, India |
| 7     | Prof. Neeraj Gupta              | Dean, School of Architecture, Head, Department of Architecture, Central University of Rajasthan, Ajmer, Rajasthan, India                                |
| 8     | Dr. Farheen Bano                | Sr. Assistant Professor, Faculty of Architecture, Dr A.P.J.Abdul Kalam Technical University, Tagore Marg, Lucknow, Uttar Pradesh, India                 |
| 9     | Dr. Shashi Saxena               | Professor, Department of Architecture, School of Architecture, LNCTU Bhopal, Madhya Pradesh, India  |
| 10    | Dr. Ashima Srivastava           | Associate Professor, College of Architecture VESCOA, Chembur, Maharashtra, India  |
| 11    | Dr. Abir Bandyopadhyay          | Professor and Head, Department of Architecture, National Institute of Technology, Raipur, Chhattisgarh, India   |
| 12    | Dr. Manita Saxena               | Principal/Professor, School of Architecture, IPS Academy, Indore, Madhya Pradesh, India   |
| 13    | Dr. Asif Ali                    | Associate Professor of Architecture in the University Polytechnic of Aligarh Muslim   |

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|    |                          | University, Aligarh. Uttar Pradesh, India   |
| 14 | Dr. Joydeep Dutta        | Professor & Academic Coordinator, Pillai HOC College of Architecture, Mumbai University, India  |
| 15 | Dr. Krishna Kumar Dhote  | Professor, Department of Architecture and Planning, MANIT, Bhopal, Madhya Pradesh, India  |
| 16 | Dr. Rabidyuti Biswas     | Professor, Department of Physical Planning, School of Planning and Architecture, New Delhi, India   |
| 17 | Dr. Bipasha Kumar        | Professor, Apeejay School of Architecture and Planning, Greater Noida, Uttar Pradesh, India   |
| 18 | Dr. Harsimran Kaur       | Assistant professor, Indian Institute of Technology (BHU), Varanasi, Uttar Pradesh, India   |
| 19 | Ar. Mahalakshmi Karnad   | Associate Professor, R V College of Architecture, Bangalore, Karnataka  |
| 20 | Ar. Kumar Utkarsh        | Pursuing PHd, Guru Nanak Dev University, Amritsar, Punjab, India  |
| 21 | Ar. Vandana Srivastava   | Professor, Lokmanya Tilak Institute of Architecture and Design Studies (LTIADS), Koparkhairane, Navi Mumbai, Maharashtra, India                           |
| 22 | Dr. Janmejy Gupta        | Associate Professor and Dean, Dept. of Architecture, Research, School of Planning and Architecture, Vijayawada, Andhra Pradesh, India                     |
| 23 | Ar. Shweta Manchanda     | Associate Professor, School of Planning & Architecture, New Delhi, India  |
| 24 | Dr Nirmita Mahotra       | Head, Department of Architecture & Planning, Gautam Buddha University, Greater Noida, Gautam Budh Nagar, Uttar Pradesh, India                             |
| 25 | Dr. Nand kumar           | Professor, Lokmanya Tilak Institute of Architecture and Design Studies (LTIADS), Koparkhairane, Navi Mumbai, Maharashtra, India                           |
| 26 | Dr. Mandeep Singh        | Professor, School of Planning and Architecture, New Delhi, India  |
| 27 | Dr. Deepashree Choudhury | Professor, Piloo Mody College of Architecture, Cuttack, Odisha, India   |
| 28 | Ar. Dharitri Das         | Professor& Principal, PMCA, Cuttack, Odisha, India  |
| 29 | Ar. Neha Pranav Kolhe    | Assistant Professor, Department of Architecture and Planning, India   |
| 30 | Dr.Salila Vanka          | Associate Professor, RVCA Bangalore, Karnataka, India   |
| 31 | Dr. Federica Maletti     | Associate Professor, Department of Architecture, University of Ferrara, Ferrara, Italy  |
| 32 | Dr. Santosh Kumar Misra  | Dean, Faculty of Architecture, BPUT, Odisha, India  |
| 33 | Ar. Hemani Singh         | Dean, School of Architecture and Design, K.R.Mangalam, Gurgaon, Haryana, India  |
| 34 | Dr. Vandana Sehgal       | Principal and Dean, Faculty of Architecture and Planning, AKTU, Lucknow, Uttar Pradesh, India   |
| 35 | Dr. Arun Kapur           | Associate Professor, Amity School of Architecture and Planning, AUUP, Lucknow Campus, Uttar Pradesh, India  |
| 36 | Dr. Charu Nangia         | Professor & Acting Head, Amity School of Architecture and Planning (ASAP), Noida, Uttar Pradesh, India  |
| 37 | Dr. Mohd Khalid Hassan   | Chairman & Associate Professor, Department of Architecture, Z. H. College of Engg. & Technology, Aligarh Muslim University, Aligarh, Uttar Pradesh, India |
| 38 | Ar. Kaustubh Das         | Associate Professor, Faculty of Architecture, Sri Sri University Cuttack, Odisha, India   |
| 39 | Ar. Manjari Rai          | Associate Professor, Aayojan School of Architecture, Jaipur, Rajasthan, India   |
| 40 | Dr Mohammad Farhan Fazli | Associate Professor, Department of Architecture, Z.H.College of Engineering & Technology Aligarh Muslim University, Uttar Pradesh, India                  |
| 41 | Dr. Luca Rossato         | Researcher, Department of Architecture, University of Ferrara, Italy  |
| 42 | Dr. Meeta Tandon         | Associate Professor, Faculty of Architecture and Planning, Integral University, Lucknow, Uttar Pradesh  |



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|----|-----------------------------|---|
| 43 | Ar Arvind Varshney          | Adviser Urban Development<br>National Institute of Urban Affairs (NIUA)   |
| 44 | Dr. Sumantra Misra          | Associate Professor, Piloo Mody College of Architecture, Cuttack, Odisha, India   |
| 45 | Dr. Mohammad Saquib         | Associate Professor, Faculty of Architecture and Ekistics, Jamia Millia Islamia, Jamia Nagar, New Delhi, India                          |
| 46 | Dr. Nandini Kulkarni        | Professor and Director, Symbiosis School of Planning Architecture and Design - SSPAD, Nagpur, Maharashtra, India                        |
| 47 | Prof. Jaya Kumar            | Professor, Department of Architecture, School of Planning and Architecture, New Delhi, India  |
| 48 | Ar. Diya Banerjee           | Assistant Professor, R V College of Architecture, Bangalore, Karnataka, India   |
| 49 | Ar. Marco Medici            | Assistant professor, University of Ferrara, Ferrara, Italy  |
| 50 | Ar. Anshu Sharma            | Co-founder, SEEDS   |
| 51 | Prof.K.Mohan                | Director and Senior Professor, GITAM School of Architecture, GITAM (Deemed to be University), Visakhapatnam, Andhra Pradesh, India      |
| 52 | Dr. Binumol Tom             | Dean, Rajiv Gandhi Institute of Technology, Kottayam, Kerala, India   |
| 53 | Dr. Vaishali Prasad Latkar  | Professor, Dr. B.N. college of Architecture for Women, Pune, India  |
| 54 | Prof. Bikramjit Chakraborty | Associate Professor, R V College of Architecture, Bangalore, Karnataka, India   |
| 55 | Dr. Mariana de Souza Rolim  | Professor, Faculty of Architecture and Urbanism, Anhembi Morumbi University, São Paulo, Brazil  |
| 56 | Dr. Felipe Corres Melachos  | Postdoctoral researcher Architecture and Urban Design, University of São Paulo, Brazil  |
| 57 | Ar. Gianni Lobosco          | Research fellow of the Technopole, University of Ferrara, Ferrara, Italy  |
| 58 | Dr. Sitalakshmi             | Professor, Department of Architecture, School of Architecture and Planning, Anna University, Chennai, Tamil Nadu, India                 |
| 59 | Dr. Santosh Tiwari          | Associate Professor & Head of Department, Netaji Subhas University of Technology- West Campus, Jaffarpur, Delhi, India                  |
| 60 | Dr. Sharmin khan            | Associate Professor, Department of Architecture, Aligarh Muslim University central university in Aligarh, Uttar Pradesh, India          |
| 61 | Dr. Bandana Jha             | Professor, Department of Architecture, School of Planning & Architecture, New Delhi, India  |
| 62 | Prof. (Dr). Anil Dewan      | Professor, H.O.D Department of Architecture, School of Planning and Architecture, Delhi, India  |
| 63 | Prof. (Dr.) Ranjana Mital   | Retired from SPA Delhi, heads of Department of Architecture, School of Planning and Architecture, New Delhi, India                      |
| 64 | Dr. Dipali Kulkarni         | Professor and Dean, Institute of Technology and Management's, School of Architecture Art and Design (ITMSAAD), Vadodara, Gujarat, India |
| 65 | Dr. Bhawana Shrivastava     | Assistant Professor, Dept. of Arch. And Planning, MNIT, Jaipur, Rajasthan, India  |
| 66 | Dr. Aradhana Jindal         | Principal at MM School of Architecture, MM Univ, Sadopur, Ambala, Punjab, India   |
| 67 | Dr. Monsingh Devdas         | Anna university, Chennai, Tamil Nadu, India   |
| 68 | Dr. P. Meenakumari          | Associate Professor in Architecture, SAP Anna University Chennai, Tamil Nadu, India   |

## 7. Program Committee

Program Committee members were Ar. Hemani Singh and Ar. Manika Goel from K.R. Mangalam University,

Gurugram. Conference Convener was Dr. Navneet Munoth, Honourable Director, COA-TRC Bhopal.

The members of the Conference Organizing Committee were Ar. Manika Goel from K.R. Mangalam University, Gurugram and Dr. Deepashree Choudhury from Piloo Mody College of Architecture, Cuttack.

The members of International Advisory Board were from the institute of Piloo Mody College of Architecture-Cuttack, K.R. Mangalam University-Gurugram, Institute of Town Planners India, Bhopal, University of Ferrara-Italy, Mindtree-NxT, IEEE India Council 2021, R V College of Architecture-Bengaluru, Anhembi Morumbi University-Brazil, Birla Institute of Technology-Mesra. The members of International Advisory Board were Principal-Ar. Dharitri Das, Dean-SOAD-Ar. Hemani Singh, Dean-Dr. Jagdish Singh, Prof. Marcello Balzani, Ar. Neha Sharma, Principal- Dr. Om Prakash Bawane, Prof. Rechilene Mendonca Maia and Dr. Satyaki Sarkar respectively.

The members of Scientific Committee were Dr. Mariana de Souza Rolim, Dr. Rechilene Mendonça Maia from Anhembi Morumbi University, Brazil, Dr. Sumantra Misra, Dr. Deepashree Choudhury from Piloo Mody College of Architecture, Cuttack, Dr. Luca Rossato, Dr. Federica Maietti from University of Ferrara, Italy and Prof Suresh K. Murthy, Prof Anuradha Dinesha from R V College of Architecture, Bengaluru.

### Attendees

We received 180 abstracts out of which 125 full papers were submitted. A double blind peer review was done by a team of 68 reviewers and 80 papers were short listed. In 3 days of conference, 65 presentations were made in 3 break out rooms.

| S.No. | Author's Name           | Topic  |
|-------|-------------------------|--|
| 1     | Shibani Sahoo           | A Study To Evaluate Urban Heat Mitigation Design Strategies, In Commercial Centers.  |
| 2     | Gayatri Desai           | Role Of Urban Forestry In The Ecological Development Of Pune City.   |
| 3     | Ajinkya Niphadkar       | Thermal Performance Of Residential Structure With Respect To Climate Change: Case Of Tropical Climate                                |
| 4     | Alisha Sinha            | Modelling Architectural Interpretations Of Indigenous Crafts:A Compilation Of Ideas Inculcated In An Elective Studio                 |
| 5     | Dipanwita Chakravarty   | Space Syntax Analysis As Tool To Develop Sustainable Tourism:The Case Of Garli, A Hamlet In Kangra District, Himachal Pradesh, India |
| 6     | Neha Pranav Kolhe       | Noise Assessment In Formal Areas: A Case Of Multi-Story And Plotted Development  |
| 7     | Lalit Kumar             | Analyzing The Forces Of Private Urban Development In India   |
| 8     | Kalyani Amol Salvi      | Urban Scenario In India Is Deprecating Human Sensation And Perception Of Neuro Architecture: Time To Develop Urban Greens To Heal    |
| 9     | Akansha Tiwari Upadhyay | Urban Lake Scenario And Development Possibilities- A Case Of Surat   |
| 10    | Sadaf Faridi            | Water Sensitive Urban Design:Storm Water Management Practices As An Opportunity  |
| 11    | Selva Priyadharshan.B   | Analogical Study Of A Thermally Imbalanced Building In Urban Area By Amending With Algae Facade                                      |
| 12    | Sanghamitra Rath        | A Case For Blue-Green Infrastructure In Nature-Based Solutions In Urban Areas And Promoting A Circular Economy                       |
| 13    | Shahim Abdurahiman      | Revitalization Of Historic Temple Precincts In Urban Areas - A Qualitative Assessment Of The Tali Temple Tank Precinct, Calicut      |
| 14    | Md Haseen Akhtar        | Future Healthcare Facility Design: Fixing The Broken Indian Healthcare System Post Covid 19  |
| 15    | Shreyas Paranjape       | Heritage Tourism Through Urban Regeneration – Case Study Of Land Forts Of  |



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|    |                       | Marathwada Region  |
| 16 | Fabio Plano           | Documentation, Analysis And Redevelopment Of The Tamsui Riverside In Taipei City   |
| 17 | Michele Millosevich   | Strategies Of Documentation And Urban Regeneration By Participatory Heritage Preservation Approaches   |
| 18 | Dario Rizzi           | A Documentation Of Survey And Representation Techniques For The Safeguard Of The Cultural Heritage In Case Of Emergency                          |
| 19 | Shobhan S. Kelkar     | Vulnerability Assessment: Effective Tool For Landslide Disaster Management In Western Ghat Of Maharashtra  |
| 20 | Shruti Karani         | 3d Concrete Printing Technology: Implementation & Financial Assessment   |
| 21 | Preeti Mishra         | A Review On The Application Of Photovoltaic Technology In Building Design For Building Envelopes   |
| 22 | Md Haseen Akhtar      | Rethinking Primary Healthcare Centres (Phcs): Designing For The Post Pandemic Era  |
| 23 | Kshitiz Agarwal       | Analysis Of Public Awareness About District Disaster Management Plan: A Case Of Dehradun City  |
| 24 | Dipti Bapat           | A Review Of Soil And Soft-Scape Material Management As A Sustainable Intervention For The Execution Of Landscape In Residential Projects Of Pune |
| 25 | Neha Kamboj           | An Analysis Of People's Behavior Toward Municipal Solid Waste Disposal For Improving System In India: A Case Study Of Faridabad City             |
| 26 | Ipsita Datta          | Rethinking Indigenous And Ecological Building Materials Through The Means Of Additive Manufacturing  |
| 27 | Archana Dash          | Pedagogy Of Structural Design For Students Of Architecture: An Appropriate Approach  |
| 28 | Greta Montanari       | Promoting The Industrial Heritage: An Example Of Recovery Of The Area Ex-S.A.R.O.M. On The Dock Of Ravenna                                       |
| 29 | Trupti Biswas         | Role Of Social Spaces In Mixed Use Developments In Optimising Social Sustainability At Neighborhood Level –Comparative Study                     |
| 30 | Mitali Bhatt          | Addressing Urban Happiness In The Context Of Sustainable Development Goals Through Urban Design Interventions: A Case Of Udhana, Surat           |
| 31 | Khyati Gulati Tewari  | Walkable Streets For Functionality, Liveability And Sustainability: A Case Of Vadodara   |
| 32 | Jahnabi Kalita        | Impact Of Streetscape On The Image Of A City: A Study And Analysis Of Streetscapes Of Delhi, India   |
| 33 | Lalit Kumar           | Political Economy Of Peripheralization Of Real Estate Megaprojects: Case Study Of Ahmedabad And Kolkata  |
| 34 | Vaidehi Deshpande     | Measuring Walkability – Analysis Of Institutional Campuses.  |
| 35 | Manika Goel           | Urban Transit Impacting Greenery Especially On Streetscape: A Review   |
| 36 | Nishant Arora         | Enhancing Livelihood: Case Of Cycle-Rickshaw Pullers   |
| 37 | Poorva Priyadarshini  | Heritage City To Smart City And Their Problems: A Case Of Varanasi Ghats, India  |
| 38 | Ruma Bhatt            | Waste Management To Achieve Sustainable Development Goals :A Contextual Approach For Indian Cities   |
| 39 | Supriya Kukreja       | (Re)Constructing Forgotten Histories Case Study Of Colonial 'Town Hall' Vizag  |
| 40 | Snigdha Chaudhary     | Review To The Barriers Of Last-Mile Connectivity In Urban Mobility Around The Globe  |
| 41 | Hiranmayi Shankavaram | Community Resilience: Role Of Community As Coping Mechanisms In Urban Transformations  |
| 42 | Kumar Utkarsh         | Understanding The Active Factor For Development Of The Streets   |
| 43 | Manjari Rai           | Changing Shape Of Neighborhood Social Cohesion Under The Impact Of Largescale High-Rise Housing Development, A Case Of Jaipur, Rajasthan.        |

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|----|--------------------------|---|
| 44 | Munavar Pasha Mohammad   | Role Of The First And The Last Mile Connectivity In Ease Of Urban Commutation And Its Contribution To The Quality Of Everyday Urban Life      |
| 45 | Hemani Singh             | Empowering Design Education; Integrating Entrepreneurial Mindset In Design Pedagogy   |
| 46 | Meenakshi Sinha          | Redevelopment And Linkage Of Urban Public Markets: The Case Of Silchar Town, Assam, India   |
| 47 | Neeharika Kushwaha       | Localization Of Sdg 11 For Urban Life: Proliferated Experiences Of Transformational Pathways In South Asia                                    |
| 48 | Shikha Verma             | Gis As An Effective Tool In Waste Management-A Case Study Of Allahabad City India.  |
| 49 | Ankita Patnaik           | Ornamentation In Bce Time Period, As A Language Of Biophilia  |
| 50 | Zahra Yasmoon            | Re-Narrating The Histories And Magnitude Of Displacement- A Case Of Sidhpur   |
| 51 | Saima Shaikh             | Thermal Performance Of Slum Rehabilitation Projects In Pune.  |
| 52 | Priyom Banerjee          | Review Of Flexible Architecture: Rethinking The Indoor Built Environment Which Changes With Different Perspective And Strategies              |
| 53 | Tapaswini Mohanty        | Disaster-Resilient Settlement; A Casestudy Of Heritage Fishing Village In Penthakata, Odisha  |
| 54 | Mohesh Radhakrishnan     | Senses In Architecture —As A Vehicle To Enhance Students' Well-Being In Institutional Spaces  |
| 55 | Asees Prab               | Role Of Minimalist Design In Housing Affordability Case Example: Chandigarh   |
| 56 | Alankrita Pagare         | Critical Review Of Government Interventions On The Application Of Precast Construction Technology In The Housing Projects                     |
| 57 | Jaishree Mishra          | Visuals: Beyond Nationalism The Visual Culture Of Fresco's Expressionism, A Case Of The Shekhawati Region                                     |
| 58 | Dhage Yogesh Girish      | Comparison Of Steel Stirrup And Gfrp Stirrup With Specific Reference To Structural Feasibility, Self-Weight, And Cost Using 'Ansys' Software. |
| 59 | Chaitali Joharapurkar    | Perception Of Shopkeepers, Residents And Visitors On Mixed Land Use In Core Area Of Pune  |
| 60 | Gabriele Giau            | Representation Of The A Three-Dimensional Integrated Survey Of The Casa De Vidro By Lina Bo Bardi In São Paulo, Brazil                        |
| 61 | Ar Debashreeta Debabarni | Building The Nature Sensitive Way A Review Of Approaches Of Ecosystem Replacement And Restoration In Construction Sector                      |
| 62 | Prayas Biswas            | Carbon Neutral Constructions: A Review On Designing Net Zero Energy Buildings   |
| 63 | Ritvik Vashishth         | Impact Of Circular Economy In Construction Sector: Review Of Current Trends And Future Research Direction                                     |
| 64 | Julliet Pradhan          | Finding A Strategic Approach For Application Of Biomimicry In Architecture.   |
| 65 | Indu Aggarwal            | "The Pink City" Jaipur: Study And Analysis Of Historical Forts"   |

## Conclusion

65 Presentation were distributed into 3 panel room for each day which encouraged multidisciplinary research topic focusing in India, Italian and Brazilia contest.

## Day 1, Room 1

The papers presented on Day 1 mostly dealt with Theme 1 (Need of Improvement of Everyday Urban Life with a strong focus on functionality, livability and sustainability). The panelist, Dr Jatinder Kaur gave detailed comments on all papers and pointed out format, methodology and inferences in terms of indicators and strategies. For Theme 1, anthropogenic factors were also recommended like heat generated from AC's and how to address that.



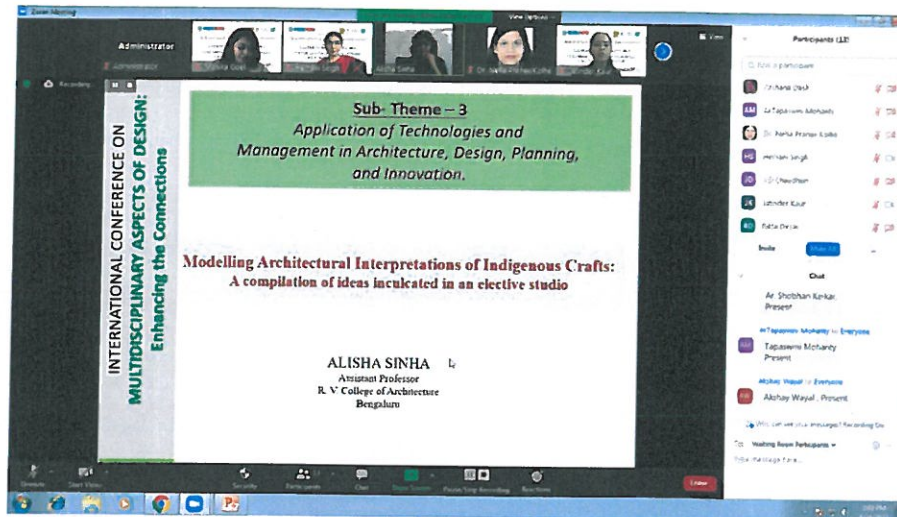


Figure 7: Screenshot of Day-1, Room-1 presentation

## Day 1, Room 2

Welcomed six presenters and the topics ranged from dissecting the role of the private sector and its impact in the real estate world, suggesting concerns on accessibility and inclusivity specifically for the urban poor; to themes covering environmentally sensitive design. There were interesting topics such as lake front development strategies as a comparative study in Surat, nature based solutions for the blue-green network specific to the storm water management, circular economy, algae facades for thermally imbalanced buildings and the impact of greening in neuro architecture.

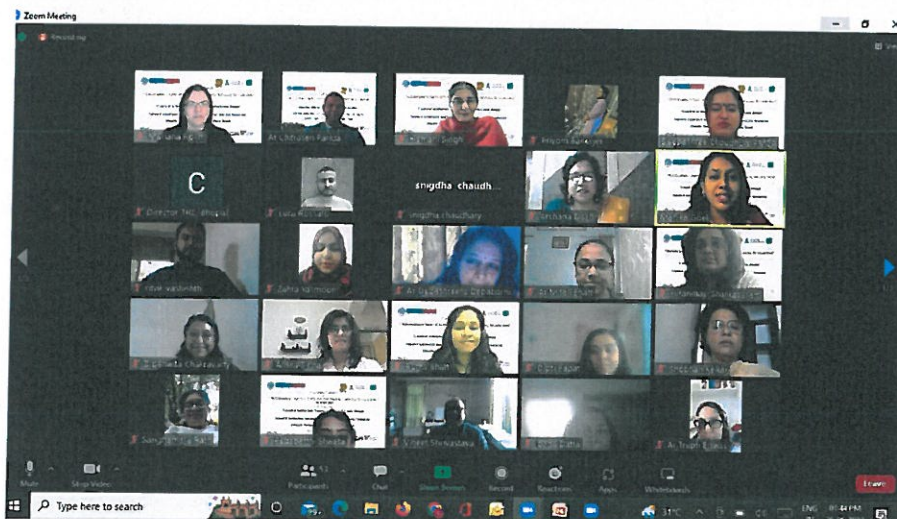


Figure 8: Screenshot of Day-1, Room-2 presentation

## Day 1, Room 3

The first day of deliberation in Room 3 held on 24th June saw a diverse range of research areas being discussed enthusiastically by 5 researchers from across India and the University of Ferrara. Multi-disciplinary topics ranging

from across the spectrum like Future Healthcare Facility, Heritage Tourism through urban regeneration, Revitalization of historic temple precincts in urban areas, Documentation, analysis, and redevelopment of the Tamsui riverside in Taipei City, and Urban regeneration by participatory heritage preservation approaches, were discussed. Dr. Anisha Shekhar Mukherjee, Dr. Deepashree Choudhury, and Ar. Ruma Bhatt offered valuable insights in the session as a panel member.

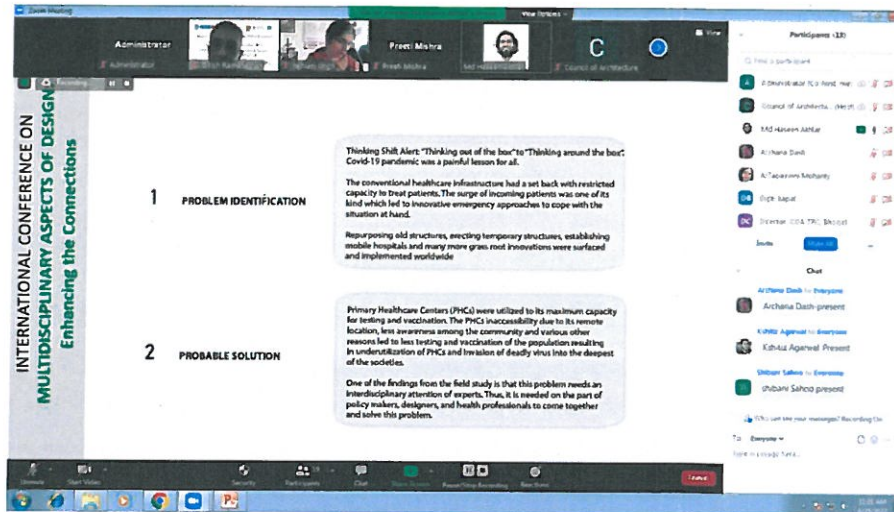


Figure 9: Screenshot of Day-1, Room-3 presentation

## Day 2, Room 1

The papers presented on Day 2 mostly dealt with Theme 3 (Application of Technologies and Management in Architecture, Design, Planning, and Innovation). Ar. Girish Ramanathan, Associate Professor, R V College of Architecture, Bengaluru was the main panelist. The topics covered a diverse range within the Theme, including additive manufacturing, 3D concrete printing, pedagogy related topics as well as environmental concerns and mitigating strategies. There was participation from different parts of India as well as abroad.

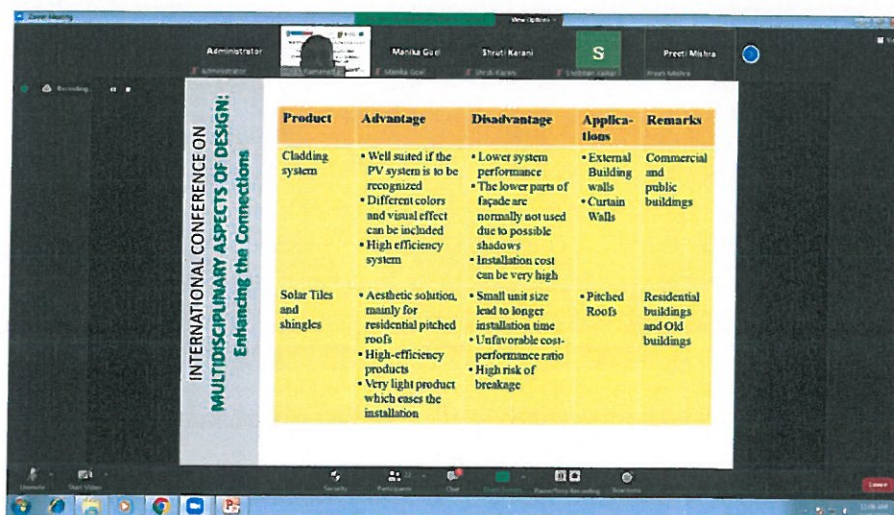


Figure 10: Screenshot of Day-2, Room-1 presentation



## Day 2, Room 2

The second day comprised of a series of presentations on subjects provoking thoughts on urbanscapes of the present and the future, encompassing theories and case studies on streetscapes, social spaces, transit spaces, and phenomena like walkability, urban happiness, waste management, livelihood upliftment and concluded with a presentation on imageability of spatial culture of town halls.

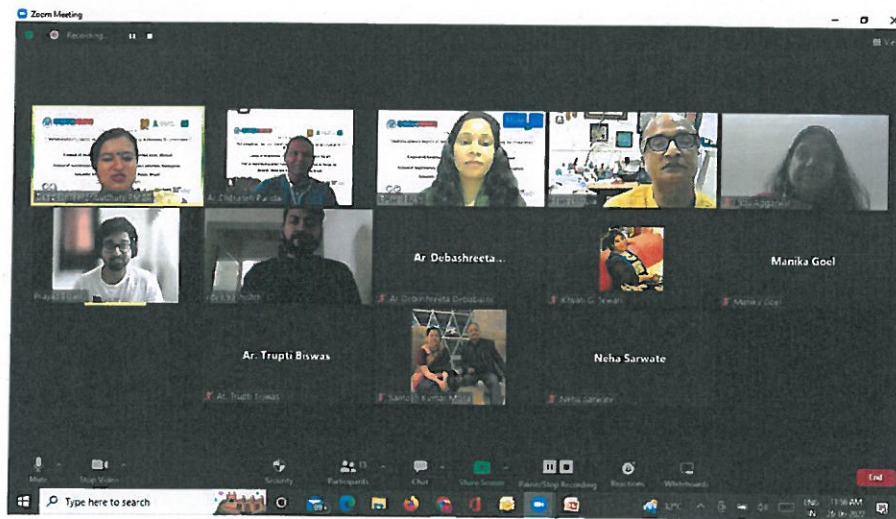


Figure 11: Screenshot of Day-2,Room-2 presentation

## Day 2, Room 3

On 25th June,DAY 2, ROOM3 had 11 presenters and the topics ranged from urban mobility, last-mile connectivity illustrated through various practical examples, different perspectives on developing public realm, community dynamics, localization of SDG 11, and a Case study of Jaipur town, India describing the interrelationship between Social Cohesion and morphological changes and case study of Urban Public Markets of Silchar Town, India. Presentations on architectural pedagogy and GIS as Tools of Waste Management opened up new research areas. Topics like Biophilia and implications of urban change and displacement in cities with rich history were dealt with by other presenters with ingenuity. The panelists for the day were Dr.Vipul VASHNEY, Dr.Sumantra Misra and Dr.Santosh Misra provided inputs for researchers for progressing with their work.

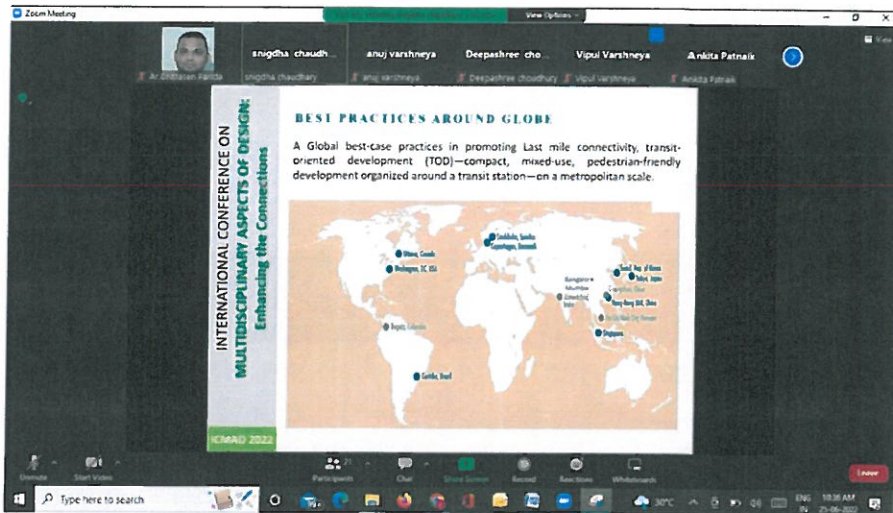


Figure 12: Screenshot of Day-2,Room-3 presentation

## Day 3, Room 1

The papers presented on Day 3 mostly dealt with Theme 2 (Application of Urban Conservation, History and its Criticism in Architecture, Design, Planning and Innovation). The researchers joined from Universities in India and New Zealand and covered topics related to sustainability, as well as Theory of Architecture. Prof Rajeev Garg from DIT, Dehradun was the main panelist. He appreciated and encouraged the authors and advised them on upgrading certain topics from Review papers to Research papers by adding more research.

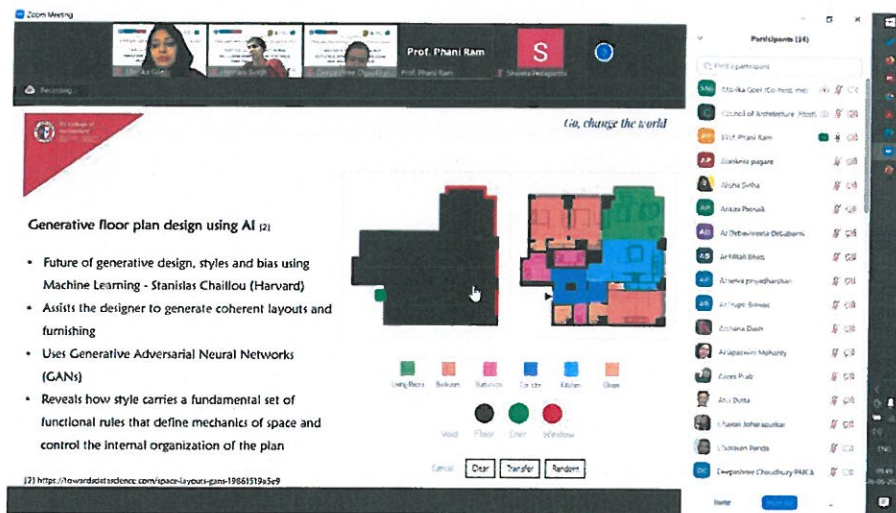


Figure 13: Screenshot of Day-3,Room-1 presentation

## Day 3, Room 2



Welcomed 5 presenters and the topics ranged from Government intervention on application of precast building system, Visual and cultural impact of Fresco paintings of Shekhawati, Comparison of steel and GFRP reinforcement in columns, Survey data to understand the community perception of the mixed land use of core area of Pune and Using point cloud data for building and landscape documentation. Few Interesting outcome of the program are the comparative study of precast industries in Singapore, Malaysia and India, use of GFRP in building construction, understanding the cultural impact and right based conflict in case of heritage conservation.

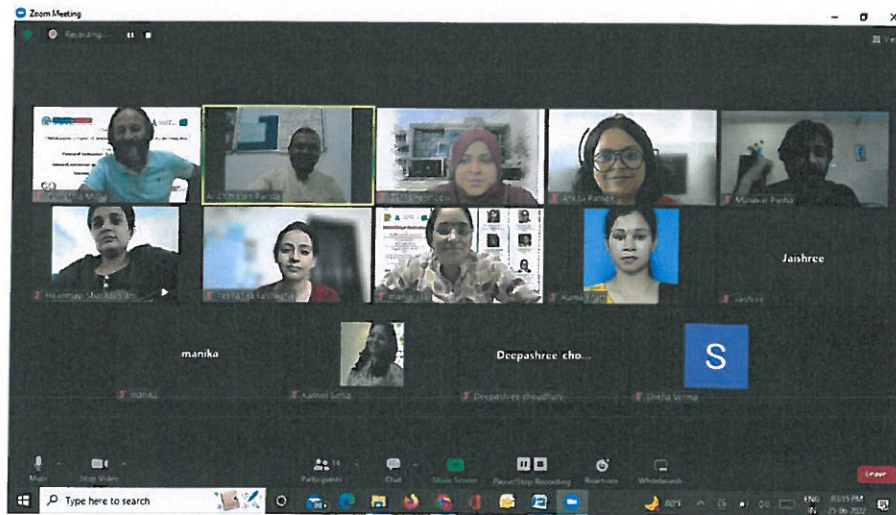


Figure 14: Screenshot of Day-3,Room-2 interaction session

### Day 3, Room 3

5 equally insightful presentations formed part of the day 3 session in room 3 held on 26th June. A very pertinent challenge of present-day urbanization, that is of addressing the issue of climate change had been taken up by participants in their presentations which dealt with topics like Ecosystem Replacement And Restoration, aspects of creating Carbon Neutral infrastructures through Net Zero Energy Design and IMPACT OF CIRCULAR ECONOMY in CONSTRUCTION SECTOR quite effectively. APPROACH FOR APPLICATION OF BIOMIMICRY IN ARCHITECTURE and Study of Historical Forts of Jaipur city, India was very interesting and beautifully illustrated. Both attendees and panel members for the day Dr.Sanjeev Singh, Dr.Deepashree Choudhury, and Ar.ChitraSen Parida deliberated on the subjects and added valuable insights into the subject.

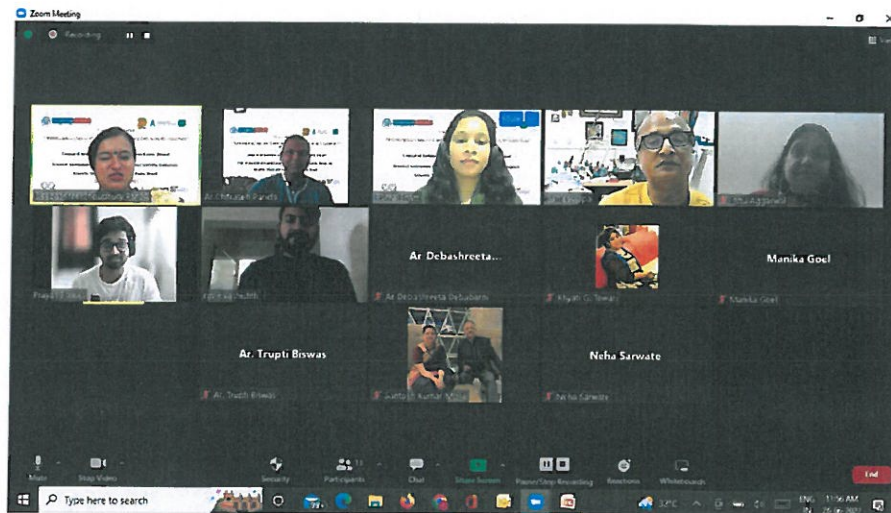


Figure 15: Screenshot of Day-3, Room-3 interaction session

### Further Scope; Outcome

With the aim of promoting multidisciplinary research in Architecture, the conference-ICMAD intends to widen its reach by launching as a periodical event that has a wider outreach globally.



Figure 16: Collaborations with Council of Architecture -Training and Research Centre (COA-TRC), Bhopal, represented by Dr. Navneet Munoth, Hon. Director



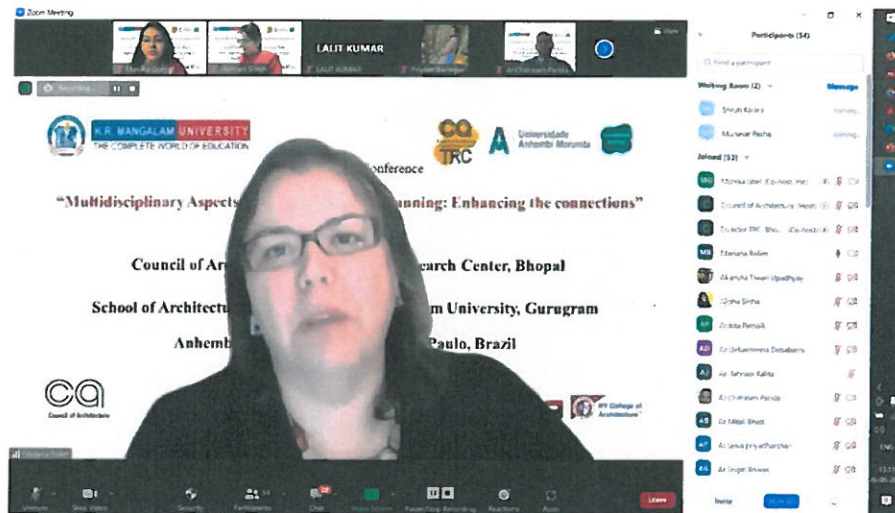


Figure 17: Collaborations with Anhembi Morumbi University, Sao Paulo, Brazil represented by Dr. Mariana De Souza Rolim, Professor

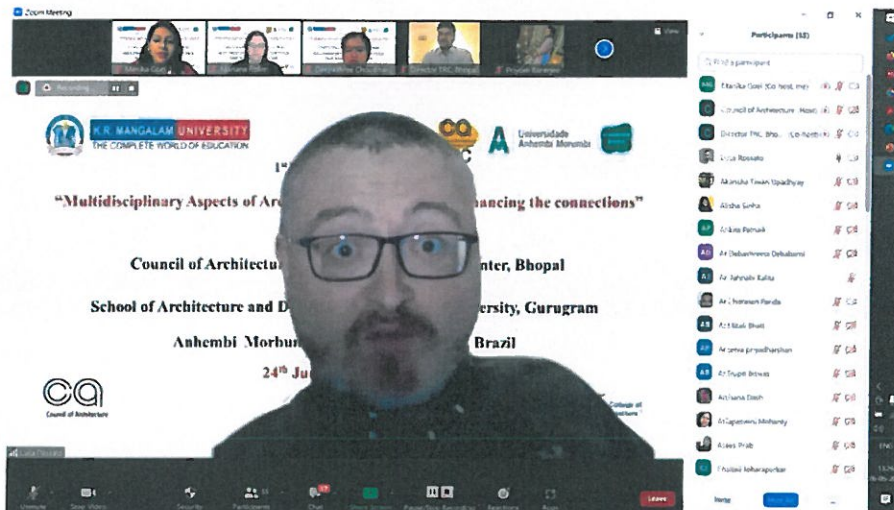


Figure 18: Collaborations with DIAPReM Centre, Department of Architecture, University of Ferrara-Italy represented by Dr. Luca Rossato, Professor

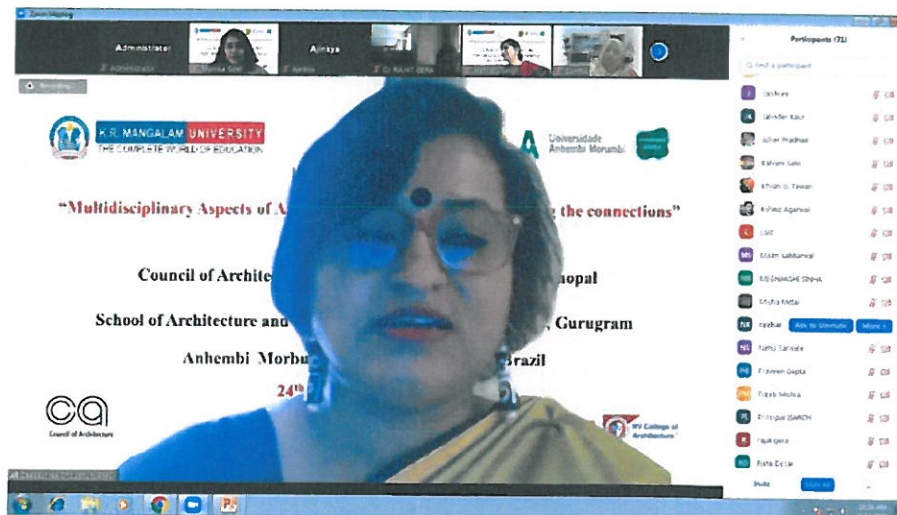


Figure 19: Collaborations with Piloo Mody College of Architecture-Cuttack represented by Dr. Deepashree Choudhury, Professor

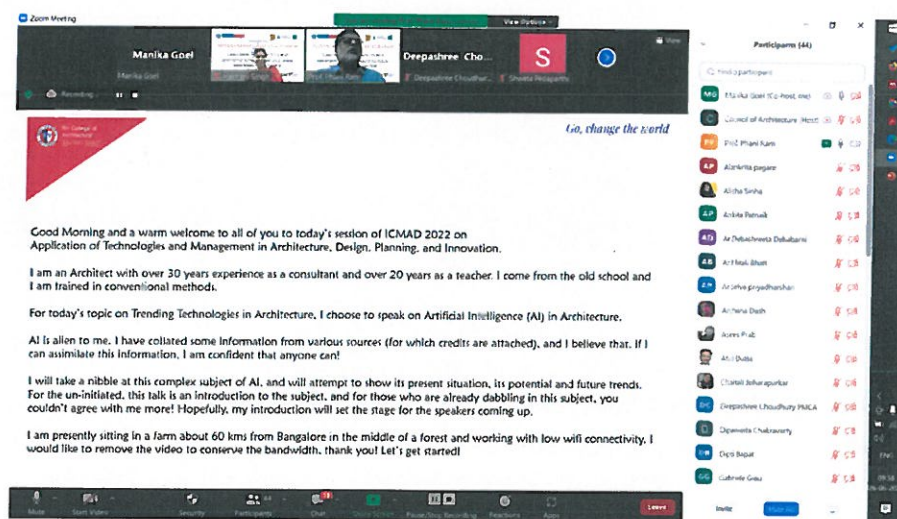


Figure 21: Collaborations with RV College of Architecture- Bengaluru represented by Ar. Phani Ram Pingali, Professor

Faculty Incharge:

Manika

Ar. Manika Goel  
Assistant Professor  
School of Architecture and Design



Hemani Singh.

Ar. Hemani Singh

Dean

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