# MEMORANDUM OF UNDERSTANDING

The Memorandum of Understanding is executed on the 11th day of February 2022 between,

K.R. Mangalam University, Sohna Road, Gurugram, Haryana - 122103 (Delhi NCR Region)

and

Piloo Mody College of Architecture (PMCA), Cuttack, Odisha - 753014 affiliated to the Biju Pattnaik University of Technology (BPUT), Rourkela

#### Scope of Work I.

School of Architecture and Design, K.R. Mangalam University (KRMU) is organizing an online International Conference 'Multidisciplinary Aspects of Architecture and Planning: Enhancing the Connections' from 24th June to 26th June 2022. Collaboration across organizational and cultural boundaries extends the possibilities of discovery, enables researchers to access additional, and specific expertise, gain new perspectives on research, and build professional networks. The major objective of the Conference is to promote research in the field of Architecture and Planning and to establish a synergy between professional practice and academics by making the built habitat discourses more relevant to contemporary realities. This Conference aims to create a global platform for researchers and academicians to interact and share their knowledge to develop and nurture new ideas and innovations.

### Participating Responsibilities of KRMU Π.

- To acknowledge PMCA as an Intellectual Partner in all documents associated with the conference like the brochure, souvenir, backdrop, social media promotion, media i. coverage, etc, and provide it with significant live coverage and branding.
- To appoint Dean/ Principal of the intellectual partner (PMCA) as a member of ii. International Advisory Board
- To appoint persons nominated by PMCA in the scientific, review, and editorial committee of the Conference. The number of such persons can be decided through iii.
- To appoint at least one person nominated by PMCA as the editor of the Conference proceedings or book (to be published by compilation research papers presented in the iv. Conference). The names of other editors of this book are to be decided with mutual
- To appoint one person nominated by PMCA as the keynote speaker of the inaugural ٧. session of the conference.
- To appoint persons nominated by PMCA as session chairs or co-chairs for the technical sessions. The number of such persons can be decided through mutual consent. vi.

## III. Participating Responsibilities of PMCA

- i. To ensure the contribution of faculty as academic experts and resource persons for the Conference.
- To ensure resource persons from PMCA render all help required by KRMU resource persons in soliciting quality journals for publications and various other activities for successful publication related to the Conference.
- iii. To ensure resource persons from PMCA render all help required by KRMU resource persons for promoting and branding the Conference in various national and international platforms.
- iv. To ensure participation of students and faculty in various capacities to make the Conference successful.
- v. To ensure submission of at least 10 quality papers by faculty members and students affiliated to PMCA.
- vii. To ensure full attendance of nominated faculty members and students in technical sessions during the Conference
- Vi. To nominate faculty members with requisite qualifications and expertise as the keynote speaker of the inaugural session of the conference.
- vii. To nominate faculty members as session chairs, or co-chairs for the technical sessions as required by the resource person of KRMU.

This agreement has been executed by authorized signatories of respective parties for 1 year till 116 Feb 2023. The collaboration will include students exchange, workshops, seminars, studios, and annual conference together.

Ar. Hemani Singh

Dean

K.R. Mangalam University

Gurugram, Haryana

Ar. Dharitri Das

Stanto In

Principal

Piloo Mody College of Architecture

Cuttack, Odisha

Registrar

#### 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.

At 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

Piloo Mody College of Architecture, Cuttack

Ar. Hemani 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-NxT 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 Piloo Mody College of Architecture, Cuttack Email:

> manika.goel@krmangalam.edu.in deepashree.choudhury@abit.edu.in Contact number

> +91 7506880705 | +91 9050137634







### International Conference

"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



### 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**

10th February 2022

24th February 2022

6<sup>th</sup> April 2022 30th May 2022 8th June to 18th June 2022

19<sup>th</sup> June to 20<sup>th</sup> June2022

21th June 2022

Abstract Submission Deadline (midnight) Confirmation of abstract acceptance Full paper submission

Early registration

Extended registration with extra charges Submission of presentation

Full paper acceptance

### KNOWLEDGE PARTNER



### INTELLECTUAL PARTNER











### **REGISTRATION FEES**

For Indian student Indian Academicians/ Professionals Foreign Delegate

**INR 1500** INR 3000 USD 250

### **REGISTRATION LINK**

https://docs.google.com/forms/d/e/1FAlbQLSehBBIJYx v8eFKlgH-4-2hKgecxMWmfiDCQt1q2K4O7\_vWjw/viewform

### **PAYMENT LINK**

https://eazypay.icicibank.com/eazypayLink?P1=sRyz9 kTACSNePnR3I+VJaQ==

Kindly send the scanned images of proof of payment on: coatrc.bhopal@gmail.com to confirm registrations

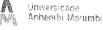






THE COMPLETE WORLD OF EDUCATION







### International Conference on

"Multidisciplinary Aspects of Architecture and Planning: Enhancing the connections"

Jointly Organized by Council of Architecture- Training and Research Center, Bhopal and

School of Architecture and Design, K R Mangalam University, Gurugram Along with Anhembi Morbumbi University, Sao Paulo, Brazil

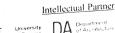


### Session Timing

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









### ROOM 1

Ar. Girish Ramanathan

RV College of Architecture.

Ar. Hemani Singh

K R Mangalam University Gurugram

School of Architecture and Design

Professor and Dean

Associate Professor

Bengaluru

### ROOM 2



Ar. Niki Shah Director, Urban Designer HCP Design Planning and Management Pvt. Ltd. Ahmedabad



Ar. Alisha Sinha Assistant Professor R V College of Architecture. Bengaluru



Ar. Shweta Pedaparthi Assistant Professor R V College of Architecture. Bengaluru





Ar. Vipul Varshnev Architect Author and Urban Planner Director -Sthanati India



Dr. Sumantra Misra Professor Piloo Mody College of Architecture.



Ar. Chitrasen Parida Associate Professor Piloo Mody College of Architecture. Cuttack

Ar. Manika Goel

Assistant Professor School of Architecture and Design K R Mangalam University. Gurugram





### 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
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- Future Scenarios of cities

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Conference Advisors
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Ar, Hernard Singh
K Ramagalam University, Gungram
Dr, Jagdish Singh
Vice President, Institute of Town Planners India
Prof. Marcello Balzani
University of Ferrara, Italy
Ar, Neha Sharma
Artitles-India Council 2021
Dr, Om Prakash Bawane
R V College of Architecture, Bengaluni

R V College of Architecture, Bengaluru Prof. Rechilene Mendonca Maia Anhembi Morumbi University, Brazil Dr. Satyaki Sarkar Bria Institute of Technology, Mesia

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Dr. Navneet Munoth Hon Director, COA-TRC, Bhopail

Coordinators and Correspondence

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Dr. Deepashree Choudhury Piloo Mody College of Architecture, Cittack Emid and the Commission of the College (Separation of Separation (Separation of Separation of Separat

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> Sao Paulo, Brazil 24th -26th June 2022

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### Figure 1: Page 1 of Brochure

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June2022

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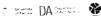
Early registration Extended registration with extra charges Submission of presentation

### KNOWLEDGE PARTNER



### INTELLECTUAL PARTNER







### REGISTRATION FEES

For Indian student dian Academicians/ Professionals Foreign Delegate

### REGISTRATION LINK

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#### **PAYMENT LINK**

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Figure 2: Page 2 of Brochure

### 3. Poster



Figure 3: Poster of common room

## 4. Inaugural and Valedictory Session Schedule

S.NO.	O. INAUGURAL CEREMONY					
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 Habeeb 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, Piloo Mody College of Architecture, Cuttad				
10	Dr. Deepashree Choudhury	Professor, Piloo Mody College of Architecture, Cuttack - KEY NOTE SPEAKER THEME 1				

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; 24th 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 academician 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

Registrar

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).



Figure 4: Day-1. Panel members for individual room

# Day 2; 25th 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. Varshnay 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.



Figure 5: 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 Limted 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

- 2. Mahfuzuar 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.



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

### 6. List of Reviewers

S	.NO. Reviewers Nam	Affiliation  Affiliation  And Planning, Integral University,	
1		Destaccor and Dean, Faculty of Architecture and Times	
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2	make a single constraint the same partitions of the contract o	Associate Professor, Faculty of Architecture and Financial	
	Banerjee	Associate Professor, Faculty of Architecture, Dr. A.P.J. Abdul Kalam Technical Associate Professor, Faculty of Architecture, Dr. A.P.J. Abdul Kalam Technical Associate Professor, Faculty of Architecture, Dr. A.P.J. Abdul Kalam Technical	
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4 Dr. (Ar.) Safiulla		Associate Professor and Head of Planning, Faculty	
Khan		Design, Integral University, Lucknow, Uttar Pradesh, India Professor, Department of Architecture, School of Planning and Architecture, Neelbad	
5		Professor, Department of Architecture, School of Architecture,	
-	Dr. Sanjeev Singh	Road, Bhauri, Bhopal, Madhya Pradesh, India Road, Bhauri, Bhopal, Madhya Pradesh, India	
6	Prof. (Dr.) Jagdish	Professor and Proctor, Architecture and Planting Bradesh, India	
	Singh	Professor and Proctor, Architecture and Flat Andrew Agent Professor and Proctor, Architecture and Flat Agent Professor and Profe	
7	Prof. Neeraj	Dean, School of Architecture, Head, Department of August	
1	Gupta	of Rajasthan, Ajmer, Rajasthan, India	
0	Guptu	Se Assistant Professor, Faculty of Architecture, Di Alliania	
8	Dr. Farheen Bano	University, Tagore Marg, Lucknow, Uttar Pradesh, India University, Tagore Marg, Lucknow, Uttar Pradesh, India	
0		University, Tagore Marg, Lucknow, Uttar Pradesh, Mula Professor, Department of Architecture, School of Architecture, LNCTU Bhopal,	
9	Dr. Shashi Saxena	Madhya Pradesh, India	
	D 4-1	Madriya Hadesii, male	
10	Dr. Ashima	Associate Professor, College of Architecture VESCOA, Chembur, Maharashtra, India	
	Srivastava	Professor and Head, Department of Architecture, National Institute of Technology,	
11	Dr. Abir		
	Bandyopadhyay	Raipur, Chhattisgarh, India Principal/Professor, School of Architecture, IPS Academy, Indore, Madhya Pradesh,	
12	Dr. Manita Saxena	Principal/Professor, School of Architecture, it's Accounty, was	
		India India Notation of Aligarh Muslim	
13		Associate Professor of Architecture in the University Polytechnic of Aligarh Muslim	
	Dr. Asif Ali		
14		Professor & Academic Coordinator, Pillai HOC College of Architecture, Mumbai	
1.	Dr. Joydeep Dutta		
15	Dr. Krishna Kumar	Professor, Department of Architecture and Planning, MANIT, Bhopal, Madhya	
15		D. Jack India	
	Dhote	Professor, Department of Physical Planning, School of Planning and Architecture,	
16	Dr. Rabidyuti		
	Biswas	New Delhi, India  One of Architecture and Planning Greater Noida, Uttar	
17	Dr. Bipasha	Professor, Apeejay School of Architecture and Planning, Greater Noida,	
	Kumar	Pradesh, India	
18	Dr. Harsimran	Assistant professor, Indian Institute of Technology (BHU), Varanasi, Uttar Pradesh,	
	Kaur	India	
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	Karnad	Associate Professor, R V College of Architecture, Bangalore, Karnataka	
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	Utkarsh		
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		Professor, Lokmanya Tilak Institute of Architecture and Design Studies (LTIADS)	
1 1		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	Assistant Professor, Department of Architecture and Planning, India
	Kolhe	2 (
30	Dr. Salila Vanka Dr. Federica	Associate Professor, RVCA Bangarore, Page 1997 Associate Professor, Department of Architecture, University of Ferrara, Ferrara, Italy
32	Maietti Dr. Santosh	To the of Architecture, BPUT, Odisha, India
	Kumar Misra	Dean, School of Architecture and Design, K.R.Mangalam, Gurgoan, Haryana, India  Dean, School of Architecture and Design, K.R.Mangalam, Gurgoan, Haryana, India
33	Ar. Hemani Singh Dr. Vandana	Principal and Dean, Faculty of Architecture
35	Sehgal	Pradesh, India  Associate Professor, Amity School of Architecture and Planning, AUUP, Lucknow
	Dr. Arun Kapur	Campus, Uttar Pradesh, India Professor & Acting Head, Amity School of Architecture and Planning (ASAP), Noida,
36	Dr. Charu Nangia	Uttar Pradesh, India  Uttar Pradesh, India  Denartment of Architecture, Z. H. College of Engg.
37	Dr. Mohd Khalid	& Associate Professor, Department & Associate Professor, Department & Rechnology, Aligarh Muslim University, Aligarh, Uttar Pradesh, India
	Hassan	
38	Ar. Kaustubh Das	Associate Professor, Aayojan School of Architecture, Jaipur, Rajasthan, India  Associate Professor, Aayojan School of Architecture, Jaipur, Rajasthan, India  Associate Professor, Aayojan School of Architecture, Jaipur, Rajasthan, India
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40	Dr Mohammad	Denfassor Denartment of Architecture, 2.1113
, ,	Farhan Fazli	
41	Dr. Luca Rossato	Researcher, Department of Architecture, University of Ferrara, Italy  Researcher, Department of Architecture, and Planning, Integral University,
42	Dr. Meeta Tandon	Associate Professor, Faculty of Architecture and Figure 2
		Adviser Urban DevelopmentAdviser Urban Development
43	Ar Arvind	National Institute of Urban Affairs (NIUA)
44	Varshney Dr. Sumantra	Accociate Professor, Piloo Mody College of Architecture, Cuttack, Odisha, India
1 -	Misra  Dr. Mohammad	Associate Professor, Faculty of Architecture and Ekistics, Jamia Millia Islamia, Jamia
45 	Saquib	Nagar, New Delhi, India  Professor and Director, Symbiosis School of Planning Architecture and Design -
46 Dr. Nandini Kulkarni		
7	Prof. Jaya Kumar	Professor, Department of Architecture, School of Planning and Attended
		Delhi, India  Assistant Professor, R V College of Architecture, Bangalore, Karnataka, India
8	Ar. Diya Banerjee	Assistant Professor, N v Conlege Control Assistant professor, University of Ferrara, Ferrara, Italy
9	Ar. Marco Medici	
)	Ar. Anshu Sharma	Co-founder, SEEDS  Director and Senior Professor, GITAM School of Architecture, GITAM (Deemed to be
1	Prof.K.Mohan	University) Visakhanatnam, Andra Pardesh, India
•	Dr. Binumol Tom	Dean, Rajiv Gandhi Institute of Technology, Kottayam, Kerala, India
2 3	Dr. Vaishali	Professor, Dr. B.N. college of Architecture for Women, Pune, India
	Prasad Latkar	
1	Prof. Bikramjit Chakraborty	Associate Professor, R V College of Architecture, Bangalore, Karnataka, India
5	Dr. Mariana de	Professor, Faculty of Architecture and Urbanism, Anhembi Morumbi University, São
	Souza Rolim	Paulo, Brazil Postdoctoral researcher Architecture and Urban Design, University of São Paulo,
5	Dr. Felipe Corres	Brazil
	Melachos	Research fellow of the Technopole, University of Ferrara, Ferrara, Italy

*************	Lobosco	School of Architecture and Planning, Anna
58	Dr. Sitalakshmi	Professor, Department of Architecture, School of Architecture and Planning, Anna University, Chennai, Tamil Nadu, India Associate Professor & Head of Department, Netaji Subhas University of Technology-
59	Dr. Santosh Tiwari	Associate Professor & Head of Department West Campus, Jaffarpur, Delhi, India Associate Professor, Department of Architecture, Aligarh Muslim University central Associate Professor, Department of Architecture, Aligarh Muslim University central
60	Dr. Sharmin khan	Associate Professor, Department of Architecture, School of Planning & Architecture, New Professor, Department of Architecture, School of Planning & Architecture,
61	Dr. Bandana Jha	Professor, Department of Architecture, School of Planning and Architecture, Professor, H.O.D Department of Architecture, School of Planning and
62	Prof. (Dr). Anil Dewan	Professor, H.O.D Department of Architecture, School of Planning and Delhi, India  Retired from SPA Delhi, heads of Department of Architecture, School of Planning and Retired from SPA Delhi, India
63	Prof. (Dr.) Ranjana Mital	Architecture, New Delmi, more of Tachnology and Management S, School
64	Dr. Dipali Kulkarni	Professor and Dean, Institute of Technology Architecture Art and Design (ITMSAAD), Vadodara, Gujarat, India
65	Dr. Bhawana Shrivastava	Assistant Professor, Dept. of Arch. And Planning, MINIT, Jaipur, 10,100
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 Maiaand 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.

Key Note Speaker for day 1 was Dr. Deepashree Choudhury, having a post of Professor at Piloo Mody College of Architecture, Cuttack. Anisha Shekhar Mukherjee a Conservation Architect, Author, Visiting Faculty School of Planning and Architecture, New Delhi was keynote speaker for day 2. Ar. Phani Ram Pingali, Professor of Architecture, R V College of Architecture, Bengaluru was keynote speaker for day 3.

### Attendees

We received 180 abstracts out of which 125 full papers were submitted. A double bilnd 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.				
<ul><li>3 Ajinkya Niphadkar</li><li>4 Alisha Sinha</li></ul>		Thermal Performance Of Residential Structure With Respect To Climate Change:  Case Of Tropical Climate				
		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				
Selva Priyadharshan.B		Analogical Study Of A Thermally Imbalanced Building In Urban Area By  Amending With Algae Facade				
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 Marathwada Region				
6	Fabio Plano	Documentation, Analysis And Redevelopment Of The Tamsui Riverside In Taipe City				
7	Michele Millosevich	Strategies Of Documentation And Urban Regeneration By Participatory Heritage Preservation Approaches				
8	Dario Rizzi	A Documentation Of Survey And Representation Techniques For The Safeguard Of The Cultural Heritage In Case Of Emergency				
9	Shobhan S. Kelkar	Vulnerability Assessment: Effective Tool For Landslide Disaster Management In Western Ghat Of Maharashtra				
	Shruti Karani	3d Concrete Printing Technology: Implementation & Financial Assessment				
	Preeti Mishra	A Review On The Application Of Photovoltaic Technology In Building Design For Building Envelopes				
	Md Haseen Akhtar	Rethinking Primary Healthcare Centres (Phcs): Designing For The Post Pandemic Era				
	Kshitiz Agarwal	Analysis Of Public Awareness About District Disaster Management Plan: A Case Of Dehradun City				
	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				
Neha Kamboj		An Analysis Of People's Behavior Toward Municipal Solid Waste Disposal Fo				

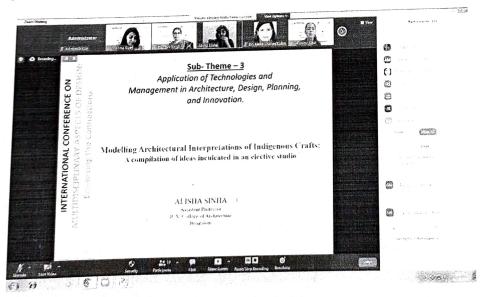
	Radhakrishnan	Institutional Spaces
55	Asees Prab	Role Of Minimalist Design In Housing Affordability Case Example: Chandigarh
56	Alankrita Pagare	Critical Review Of Government Interventions on The Application of The Application of Tachnology In The Housing Projects
	Jaishree Mishra	Visuals: Beyond Nationalism The Visual Culture Of Fresco's Expressionism, A
57	Dhage Yogesh Girish	Comparison Of Steel Stirrup And Gfrp Stirrup With Specific Reference To
58	Chaitali Joharapurkar	Perception Of Shopkeepers, Residents And Visitors On Mixed Land
59	Gabriele Giau	Representation Of The A Three-Dimensional Integrated Survey Of The Casa De
60	Ar Debashreeta	Building The Nature Sensitive Way A Review Of Approaches Of Ecosystem
61	Debabarni	Carbon Neutral Constructions: A Review On Designing Net Zero Energy
	Prayas Biswas	Buildings
62	Ritvik Vashishth	Impact Of Circular Economy In Construction Sector: Review Of Current Trends And Future Research Direction
63	THE TOSHISHEN	And ruture research of Biomimicry In Architecture.
54	Julliet Pradhan	Finding A Strategic Approach For Application Of Biomimicry In Architecture.
55	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.



### 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: Day-1,Room-2

### 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: Day-1.Room-3

### 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.

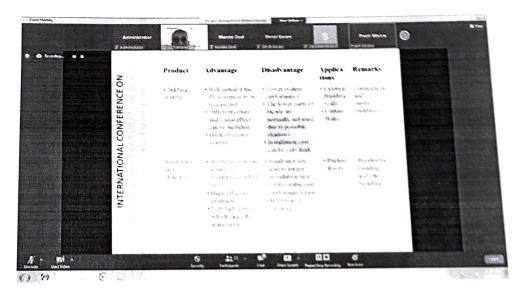


Figure 10: Day-2, Room-1

### 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: Day-2.Room-2

### 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 Mlisra provided inputs for researchers for progressing with their work.

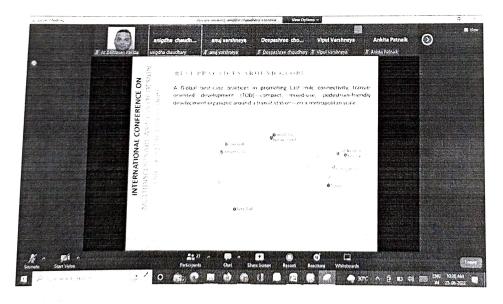


Figure 12: Day-2, Room-3

## 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.

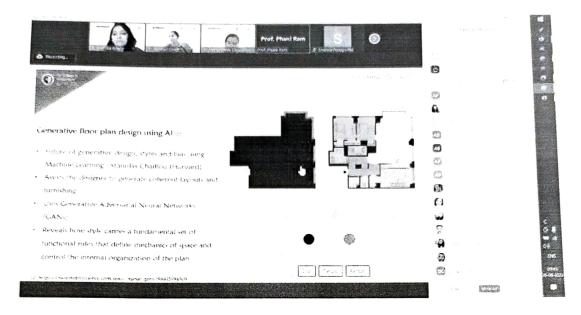


Figure 13: Day-3. Room-1

### Day 3, Room 2

Welcomed 5 presenters and the topics ranged from Government intervention on application of prostate 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: Day-3.Room-2

### 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 Desifgnand 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: Day-3, Room-3

**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: Further Scope; Outcome

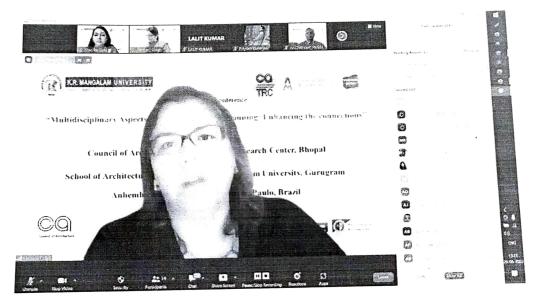


Figure 17: Further Scope: Outcome



Figure 18. Further Scope; Outcome

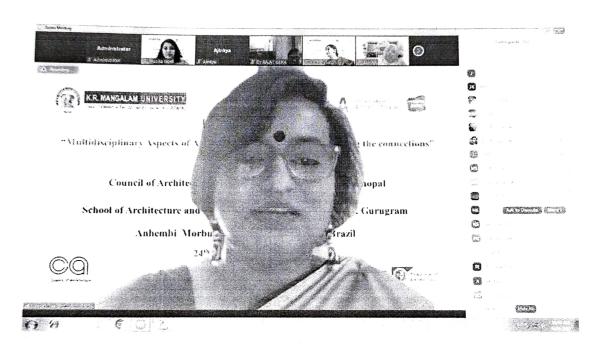


Figure 19: Further Scope; Outcome

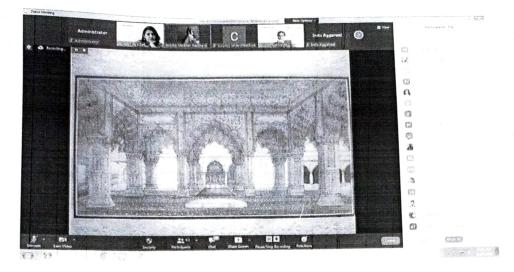


Figure 20: Further Scope: Outcome



Figure 21: Further Scope; Outcome

Faculty Incharge:



Ar. Manika Goel Assistant Professor School of Architecture and Design

Hemmi Sup.

Ar. Hemani Singh Dean School of Architecture and Design

of Architecture

**Organizes** 

Doite: 1st December 2022



MODERATER

Ar. Menika Goel, Assistant Professor

R. Mangolein University Guregrain

SPEAKER

B) E Despossince Choughury, Professor



### Report on

### Collaborative Studio with PMCA

Date: Thursday, December 01, 2022.

Venue: K R Mangalam University

**Event Type:** Jury

Mode of Activity: Online

Target Group: B.Arch. 5th year

Resource Person (if any):

Coordinators: Ar. Manika Goel

**Organized by**: School of architecture and design (SOAD)

Number of Participants: 2

The Collaborative Studio with PMCA was organized by K R Mangalam University SOAD on Urban Street Design. The purpose of the session was to interact and offer constructive criticism on the student's work to help them understand better about the Urban Design works. Also, it will help them to review of each urban parameter.

The students were given feedbacks and suggestions about the primary street marking, demographic data about each of the site, small open space analysis, about the community space, parking areas, Kevin Lynch's five elements of urban design such as edge - elevation with the streets, authorized and unauthorized parking areas, informal and formal parking areas, parking analysis and analyzation of 1 plot depth with three dimensional spaces. By the end of the session with the feedback from the expert, the students were able to understand the in-depth work needed to be done and with the preparation of their sheets and parameters.



Fig 1: Lecture Room 208 Attending Event

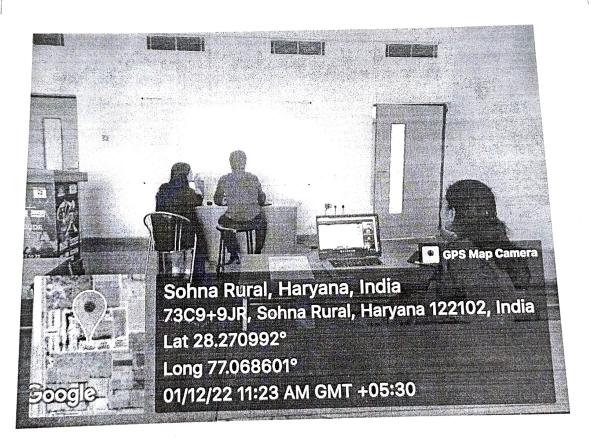


Fig 2: Map Showing Different Zones

Manika

Faculty Incharge:

Ar. Manika Goel,

Homeni Engle.

Dean, SOAD

Ar. Hemani Singh

Registrar

			edback Form "Collaboration Session on			ury		
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