



[www.icdimse2022.com](http://www.icdimse2022.com)

# ICDIMSE 2022

**THE FIRST  
INTERNATIONAL  
CONFERENCE**

**DESIGN INNOVATIONS  
AND  
MANAGEMENT  
FOR  
SUSTAINABLE ENVIRONMENT**

**CONFERENCE THEMES**

**DESIGN INNOVATIONS**

**BUILDING DESIGN AND PERFORMANCE EVALUATION**

**SMART MATERIALS AND ARTIFICIAL INTELLIGENCE**

**SUSTAINABILITY IN ARCHITECTURAL DESIGN**

**SUSTAINABLE DESIGN AND CONSTRUCTION PROCESSES**

**URBAN RESILIENCE, SAFETY, DISASTER AND RISK  
MITIGATION**

**SUSTAINABLE URBAN AND RURAL DEVELOPMENT**

**ENVIRONMENTAL POLICY AND GOVERNANCE**

**AND  
FOR**

**15<sup>th</sup> - 16<sup>th</sup>  
MARCH  
2022**



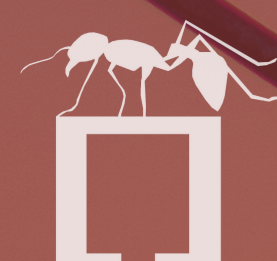
**Eastern Mediterranean  
University**

*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

# ICDIMSE 2022

Eastern Mediterranean University  
"Virtue, Knowledge, Advancement"

SATHYABAMA  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

15<sup>th</sup> - 16<sup>th</sup>  
MARCH  
2022

**THE FIRST  
INTERNATIONAL  
CONFERENCE**

**DESIGN INNOVATIONS AND  
MANAGEMENT FOR  
SUSTAINABLE ENVIRONMENT**

**ICDIMSE 2022**  
[www.icdimse2022.com](http://www.icdimse2022.com)

**CONFERENCE THEMES**

- DESIGN INNOVATIONS
- BUILDING DESIGN AND PERFORMANCE EVALUATION
- SMART MATERIALS AND ARTIFICIAL INTELLIGENCE
- SUSTAINABILITY IN ARCHITECTURAL PROCESSES
- SUSTAINABLE DESIGN AND CONSTRUCTION PROCESSES
- URBAN RESILIENCE, SAFETY, DISASTER AND RISK MITIGATION
- SUSTAINABLE URBAN AND RURAL DEVELOPMENT
- ENVIRONMENTAL POLICY AND GOVERNANCE

Faculty of Architecture

## CONFERENCE INFORMATION



**Eastern Mediterranean  
University**  
"Virtue, Knowledge, Advancement"



**SATHYABAMA**  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

# ICDIMSE 2022

## EASTERN MEDITERRANEAN UNIVERSITY

Eastern Mediterranean University (EMU) is a prominent academic establishment that has been a source of high flying academic excellence since 1979. With its highly developed infrastructure, prominent academic staff members, 17,500 students from 110 and 1,100 academics from 35 different countries, quality programs in English, student exchange programs, social and cultural activity opportunities, international accreditations, an international teaching context, and a diploma recognised throughout the world, EMU prepares its students for their international careers by educating them in becoming creative and competitive individuals with entrepreneurial skills.

EMU is a full member of the International Association of Universities, the European University Association, Community of Mediterranean Universities and the Federation of the Universities of the Islamic World. Giving special importance to international recognition, EMU has received the accreditation of various prominent international accrediting bodies. EMU is only one of five universities in the region to have been awarded the prestigious ABET (Accreditation Board of Engineering and Technology) in the field of engineering.



**Eastern Mediterranean University**

*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

# ICDIMSE 2022

## DEPARTMENT OF ARCHITECTURE EASTERN MEDITERRANEAN UNIVERSITY

The Faculty of Architecture began its academic activities under the Faculty of Engineering in 1991, and transformed into a Faculty in 1997 with Department of Architecture and Interior Architecture. It contributes to education and research with its reputable departments and research centres, Housing Education Research and Advisory Centre (HERA-C), The Design and Research Centre (TASAR) and Research Centre for Interdisciplinary Studies in Built Environment (ISBE). Today, the faculty also contributes to higher education and research with its 7 graduate programs and Doctoral Program of Architecture. The Faculty has 1213 undergraduate and 169 graduate students from a wide range of countries and a variety of faculty members, 40 full-time academic staff, 26 part-time staff and 43 research assistants. The Faculty has many accreditations, including NAAB SE, MiAK, AQAS and memberships such as EAAE, ENHR and IFI.



**Eastern Mediterranean University**  
*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

# ICDIMSE 2022

## SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

Sathyabama is a prestigious institution which excels in the fields of Engineering, Architecture, Science and Technology for more than three successful decades offering multi-disciplinary academic programs. It is established under Section 3 of the UGC Act, 1956 and is been Accredited with 'A' Grade by the National Accreditation and Assessment Council (NAAC). 4 Star Rating by QS – Quacquarelli Symonds (QS), and QS I-Gauge Diamond rating for overall excellence. The Institution persistently seeks and adopts innovative methods to improve the quality of higher education and is responsive to the changes taking place in the field of education on a global scale. Sathyabama has secured top 6th among the Indian Universities in the recently announced ATAL ranking of Institution for Innovation Achievements, Govt. of India (ARIIA 2020) and is positioned among the top 50 Universities for five consecutive years. Sathyabama has alliances with leading universities and research establishments at the National and International Level. Sathyabama has emerged as a leading Institution and achieved excellence in higher education to international standards owing to its research and academic excellence.



**Eastern Mediterranean University**  
*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

# ICDIMSE 2022

## SCHOOL OF BUILDING & ENVIRONMENT SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

School of Building and Environment, consistently ranks amongst the best schools in Architecture and Civil Engineering in the city. Having completed twenty-five years of its journey in the field of education and with a humble start with thirteen students in 1993, the school now offers undergraduate programs in Architecture, Civil Engineering, and Design. Department of Architecture is considered one of the foremost institutions of Architecture in Tamil Nadu and is recognized as an institute of Architecture all over the world. It is proud of having educated architects who are now placed in renowned architectural firms in India and abroad. Offering the Undergraduate programme since 1993, the department has been recognized nationally for its academic rigor. In a span of 25 years, the school has been able to provide quality Architectural education.

The Postgraduate programs offered in Architecture are with a specialization in Building Management introduced in the year 2006 and Sustainable Architecture in the year 2014. The Department aims to evolve into an insightful school of architectural thought by imparting holistic education and to develop architects of high personal integrity and values focusing on human, socio-cultural, environmental, scientific and technological, aesthetic and philosophical values. The faculty consists of full-time core and visiting faculty ensuring a higher faculty-student ratio. Contributions of leading practitioners from across the country have been of immense strength to the department. The long-term goal of the Architecture Department is to develop the department into a Centre for Architectural Excellence, focusing on the latest trends in architectural education, practices, and research.



**Eastern Mediterranean University**

*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

# ICDIMSE 2022

## CONFERENCE THEMES:

DESIGN INNOVATIONS  
BUILDING DESIGN AND PERFORMANCE EVALUATION  
SMART MATERIALS AND ARTIFICIAL INTELLIGENCE  
SUSTAINABILITY IN ARCHITECTURAL DESIGN  
SUSTAINABLE DESIGN AND CONSTRUCTION PROCESSES  
URBAN RESILIENCE, SAFETY, DISASTER AND RISK MITIGATION  
SUSTAINABLE URBAN AND RURAL DEVELOPMENT  
ENVIRONMENTAL POLICY AND GOVERNANCE

## CONFERENCE AIMS

The first International conference on Design Innovations and Management for Sustainable Environment (ICDIMSE) aims to bring together academicians, scientists, practitioners, researchers and research scholars from a range of different disciplines to exchange ideas and share scientific and practical knowledge on various aspects of Sustainable Design of Built Environment.

The conference correspondingly aims to provide an interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, concerns, practical encounters in building and environmental design and raise awareness concerning state-of-the-art strategies adopted in the fields of Sustainable Design of Built Environment.

The conference will include keynote speakers to promote the exchange of knowledge on the given conference themes, ranging from innovations in building design to urban resilience and disaster risk management. The conference aims to contribute to knowledge and practice on Design Innovations and Management for Sustainable Environments.



**Eastern Mediterranean University**

*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

# ICDIMSE 2022

## IMPORTANT DATES

1<sup>st</sup> November 2021

16<sup>th</sup> November 2021

14<sup>th</sup> January 2022

11<sup>th</sup> February 2022

11<sup>th</sup> March 2022

15<sup>th</sup> & 16<sup>th</sup> March 2022

ABSTRACT SUBMISSION:

NOTIFICATION OF ACCEPTANCE:

FULL PAPER SUBMISSION:

EARLY BIRD REGISTRATION:

LAST DATE FOR REGISTRATION:

CONFERENCE DATES:

## FEES

### Early Bird Registration:

Authors (students): 20 Euros

Authors (standard): 40 Euros

Participation only (ACCOMPANY): 20 Euros

### India

Authors (students): ₹ 1500

Authors (standard): ₹ 3500

Participation only (ACCOMPANY): ₹ 1500

Late Registration: 45 Euros

**\*\*Additional charges will be applicable to selected papers for publishing in Scopus Indexed Journals**



**Eastern Mediterranean University**

"Virtue, Knowledge, Advancement"



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture





[www.icdimse2022.com](http://www.icdimse2022.com)

CORRESPONDENCE EMAIL: [icdimse2022@gmail.com](mailto:icdimse2022@gmail.com)

# ICDIMSE 2022

## HONORARY BOARD

**DR. MARIAZEENA JOHNSON**  
Chancellor

Sathyabama Institute of Science and Technology, India

**DR. MARIE JOHNSON**  
President

Sathyabama Institute of Science and Technology, India

**MR. J. ARUL SELVAN**  
Vice President

Sathyabama Institute of Science and Technology, India

**MS. MARIA BERNADETTE TAMILARASI**  
Vice President

Sathyabama Institute of Science and Technology, India

**DR. T. SASIPRABHA**  
Vice Chancellor

Sathyabama Institute of Science and Technology, India

**PROF. DR. AYKUT HOCANIN**  
EMU Rector

Eastern Mediterranean University, North Cyprus

**PROF. DR. HASAN DEMIREL**  
EMU Vice Rector of Academic Affairs

Eastern Mediterranean University, North Cyprus

**DR. ERDAL ÖZCENK**  
President of EMU Board of Trustees

Eastern Mediterranean University, North Cyprus



**Eastern Mediterranean University**

*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

CORRESPONDENCE EMAIL: [icdimse2022@gmail.com](mailto:icdimse2022@gmail.com)

# ICDIMSE 2022

## EXECUTIVE BOARD

**DR. E. LOGASHANMUGAM**  
Pro Vice Chancellor

Sathyabama Institute of Science and Technology, India

**DR. WILSON ARUNI**  
Pro Vice Chancellor

Sathyabama Institute of Science and Technology, India

**DR. S.S.RAO**  
Registrar

Sathyabama Institute of Science and Technology, India

**DR. B.SHEELA RANI**  
Director of Research

Sathyabama Institute of Science and Technology, India

**DR. G. SUNDARI**  
Director of Administration

Sathyabama Institute of Science and Technology, India

**DR. S. IGNI SABASTI PRABU**  
Controller of Examinations

Sathyabama Institute of Science and Technology, India

**PROF. DR. UĞUR ULAŞ DAĞLI**  
Dean

Faculty of Architecture, Department of Interior  
Eastern Mediterranean University, North Cyprus

**PROF. DR. RESMIYE ALPAR ATUN**  
Chair

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus



**Eastern Mediterranean University**

*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

CORRESPONDENCE EMAIL: [icdimse2022@gmail.com](mailto:icdimse2022@gmail.com)

# ICDIMSE 2022

## INTERNATIONAL ADVISORY BOARD

**PROF. DR. ABDUL RAZAK MOHAMED**

Dean  
Faculty Welfare Professor, Department of Planning,  
School of Planning and Architecture, Vijayawada, India

**PROF. ANDRE SORENSEN**

Department of Geography & Planning  
University of Toronto, Canada

**PROF. DR. DERYA OKTAY**

Faculty of Architecture and Design  
Department of Architecture, Maltepe University, Turkey

**PROF. DR. HANDAN TÜRKOĞLU**

Urban and Regional Planning  
Istanbul Technical University, Istanbul, Turkey

**PROF. DR. HIFSIYE PULHAN**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus

**PROF. DR. IAIN BORDEN**

Faculty of the Built Environment,  
The Bartlett School of Architecture, UK.

**PROF. SERGIO PORTA**

Director of Urban Design Studies Unit  
Course Director of the MSc in Urban Design  
University of Strathclyde, Glasgow, UK.

**PROF. DR. YONCA HÜROL**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus



**Eastern Mediterranean University**

*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

CORRESPONDENCE EMAIL: [icdimse2022@gmail.com](mailto:icdimse2022@gmail.com)

# ICDIMSE 2022

## INTERNATIONAL ADVISORY BOARD

ASSIST. PROF. DR. BRUNO DE ANDRADE

UNESCO Heritage & Values chair  
Heritage & Architecture section  
Faculty of Architecture and the Built Environment  
TU Delft, Netherlands.

DR. ADAM GRYDEHOJ

Chair Professor, Research Center for Indian Ocean Island Countries, South China University of Technology, China.  
Adjunct Faculty, Institute of Island Studies, University of Prince Edward Island, Canada.

DR. HENDRICUS ANDY SIMARMATA

Vice Chairman, Center for Urban and Regional Studies  
University of Indonesia, Indonesia

DR. MONSINGH DAVID DEVDAS

Principal  
MEASI Academy of Architecture, Royapettah,  
Chennai, India

DR. PAOLA SASSI

Faculty of Technology, School of Architecture,  
Design and Environment  
Oxford Brookes University, UK.

DR. SURESH KUPPUSWAMY

Design Chair  
Department of Architecture,  
Sathyabama Institute of Science and Technology, India

AR. MURALI MURUGAN

Principal Architect  
Murali Architects, Chennai, India

AR. LEONARDO CASTELLO

Assistant Director  
Public Realm & Landscape, AMAALA, KSA

AR. Y GOPALAKRISHNAN

Design Chair  
Department of Architecture  
Sathyabama Institute of Science and Technology, India



**Eastern Mediterranean University**

"Virtue, Knowledge, Advancement"



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

CORRESPONDENCE EMAIL: [icdimse2022@gmail.com](mailto:icdimse2022@gmail.com)

# ICDIMSE 2022

## CONVENERS

**DR. DEVYANI GANGOPADHYAY**

Professor & Dean  
School Of Building & Environment  
Sathyabama Institute of Science and Technology, India

**PROF. DR. KOKAN GRCHEV**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus

**ASSOC. PROF. S.EBIN HARRISON**

Department of Architecture  
Sathyabama Institute of Science and Technology, India

**ASSOC. PROF. HALIL ZAFER ALIBABA**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus

**ASSIST. PROF. PINAR ULUÇAY RIGHELATO**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus

## COORDINATORS

**PROF. DR. RAFOONEH MOKHTAR SHAHI SANI**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus

**ASSOC. PROF. DR. NEVTER ZAFER COMERT**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus

**ASSOC. PROF. R. RAMKUMAR**

Department of Architecture  
Sathyabama Institute of Science and Technology, India

**ASSOC. PROF. SHEETAL AMRAOTKAR**

Department of Architecture  
Sathyabama Institute of Science and Technology, India



**Eastern Mediterranean University**

*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

CORRESPONDENCE EMAIL: [icdimse2022@gmail.com](mailto:icdimse2022@gmail.com)

# ICDIMSE 2022

## INTERNATIONAL SCIENTIFIC BOARD

**PROF. DR. BESER OKTAY VEHBI**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus

**PROF. DR. MARKO KIESSEL**

Faculty of Arts  
ARUCAD, North Cyprus

**ASSIST. PROF. DR. AYŞE ÖZTÜRK**

Faculty of Fine Arts  
Cyprus International University, North Cyprus

**ASSOC. PROF. DR. ERCAN HOŞKARA**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus

**ASSOC. PROF. DR. HURIYE GÜRDALLI**

Faculty of Architecture  
Near East University, North Cyprus

**ASSOC. PROF. DR. LILLY ROSE A**

Dean, Academic  
Department of Architecture  
School of Planning and Architecture, Vijayawada

**PROF. DR. JOTHILAKSHMY N**

Professor & Head Saveetha College of  
Architecture and Design, Chennai

**ASSOC. PROF. DR. SHANMUGA PRIYA G**

Dean, Faculty welfare, Associate Professor  
Department of Architecture  
School of Planning and Architecture, Vijayawada

**ASSIST. PROF. DR. AMINREZA IRANMANESH**

Faculty of Architecture and Fine Arts  
Final International University, North Cyprus



**Eastern Mediterranean University**

"Virtue, Knowledge, Advancement"



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

CORRESPONDENCE EMAIL: [icdimse2022@gmail.com](mailto:icdimse2022@gmail.com)

# ICDIMSE 2022

## INTERNATIONAL SCIENTIFIC BOARD

**ASSOC. PROF. DR. BERIL ÖZMEN**

Mimarlık ve Tasarım Fakültesi, Mimarlık Bölüm Başkanı,  
Adana Bilim ve Teknoloji Üniversitesi, Türkiye

**ASSIST. PROF. DR. ERÇİM ULUÇ**

Faculty of Architecture  
European University of Lefke, North Cyprus

**ASSIST. PROF. DR. ERIŞ UYGAR**

Faculty of Engineering, Department of Civil Engineering  
Eastern Mediterranean University, North Cyprus

**ASSIST. PROF. DR. POLAT HANÇER**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus

**PROF. DR. R. ARULMALAR**

Department of Architecture  
Sathyabama Institute of Science and Technology, India

**ASSOC. PROF. SURYA RAJKUMAR**

Department of Architecture  
Sathyabama Institute of Science and Technology, India

**ASSOC. PROF. SANGHAVI V.V**

Department of Architecture  
Sathyabama Institute of Science and Technology, India

**DR. TOKIE LAOTAN-BROWN**

University of Nova Gorica, Italy  
Universita luav di Venezia, Italy

**ILIONA OUTRAM KHALILI**

RIBA, Founding & Director Board Member of New Earth UK  
School of Architecture, University of Kent, Canterbury, UK



**Eastern Mediterranean University**

"Virtue, Knowledge, Advancement"



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

CORRESPONDENCE EMAIL: [icdimse2022@gmail.com](mailto:icdimse2022@gmail.com)

# ICDIMSE 2022

## TECHNICAL BOARD

**ASSOC. PROF. V. SHANKAR**

Department of Architecture  
Sathyabama Institute of Science and Technology, India

**ASSOC. PROF. DEEPALAKSHMI**

Department of Architecture  
Sathyabama Institute of Science and Technology, India

**ASSOC. PROF. SUKIRTHA SURESH**

Department of Architecture  
Sathyabama Institute of Science and Technology, India

**ASSIST. PROF. DR. ÖZNEM ŞAHALI**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus

**ANGELA HARTSELL**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus

**HASAN DEBEŞ**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus

**ÖZGE SELEN KOÇ**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus

**SHAHD ADNAN QZEIH**

Faculty of Architecture, Department of Architecture  
Eastern Mediterranean University, North Cyprus



**Eastern Mediterranean University**

*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture





CORRESPONDENCE EMAIL: [icdimse2022@gmail.com](mailto:icdimse2022@gmail.com)

[www.icdimse2022.com](http://www.icdimse2022.com)

# ICDIMSE 2022

## KEYNOTE SPEAKERS



**DR. STEFFEN LEHMANN**

Assoc. AIA,  
RIBA

E-mail: [steffen.lehmann.cities@gmail.com](mailto:steffen.lehmann.cities@gmail.com)

Dr. Steffen Lehmann, Assoc. AIA, RIBA (born in Stuttgart, Germany) is an internationally recognized educator, scholar, author, designer, scientific researcher, and strategic leader. He is a tenured full Professor of Architecture & Urbanism in the USA, and the former Director of schools of architecture, including the UNLV School of Architecture in Las Vegas and the School of Built Environment in Perth, Australia. Since 2002, he has been a tenured full professor in a range of leadership roles at four research-intensive universities, on three continents: in the U.S., the UK, and Australia. He is Director of the interdisciplinary Urban Futures Lab, and CEO of the Future Cities Leadership Lab (see links below), where he is developing architectural and urban solutions for a rapidly changing profession, transforming society, and a warming climate. He has published 22 books and over 400 papers on the relationship between architecture and climate change; in the 1990s he coined the notion of Green Urbanism. Before joining UNLV, Steffen Lehmann was the chair-holder of the UNESCO Chair for Sustainable Urban Development for the Asia-Pacific Region, and in this function also visited Northern Cyprus.

Steffen became a licensed architect in Berlin in January 1993, when he founded Steffen Lehmann Architekten & Staedtebau GmbH as a collective interdisciplinary practice engaged in research and design.

Education: After completing the German abitur in Stuttgart in 1983 and a Master's degree in Mainz, Germany in 1988, Steffen graduated with the AA Diploma from the Architectural Association School in London (1991, enabled by a DAAD scholarship); and later completed a Ph.D. in Architecture and Urbanism at the Technical University in Berlin (2003). He looks back at 30-years of experience in practice, and a 20-years distinguished career as a full professor. He has recently established *si\_architecture + urban design* in Dubai with the ambitious aim to design and build the world's most sustainable projects.

More information is here: [www.si-architecture.com](http://www.si-architecture.com) and [www.city-leadership.com](http://www.city-leadership.com)



**Eastern Mediterranean University**

*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

CORRESPONDENCE EMAIL: [icdimse2022@gmail.com](mailto:icdimse2022@gmail.com)

# ICDIMSE 2022

## KEYNOTE SPEAKERS



**PROF. ALI A. ALRAOUF**

**Architect & Urban Planner**  
Egypt, Bahrain & Qatar

**Assoc. AIA, Middle East and Gulf Chapter**  
**Professor at HBK University in Qatar**

**Education City**

**Head of Capacity Building, Training, Research**  
**and Development Unit at Ministry of**

**Municipality & Environment (MME) in Qatar**

**Leader of Green Urbanism and Planning**

**Group at Qatar Green Building Council**

E-mail: [alialraouf@gmail.com](mailto:alialraouf@gmail.com)

Prof. Alraouf, born in Cairo, Egypt is an architect, urban designer and planner who focuses on researches within the domain of theory, criticism and creativity in architecture and urbanism. He was a Visiting Scholar at University of California at Berkeley-USA and various other regional and international universities. He published more than 95 journal refereed papers, critical reviews, essays, in addition to books and book chapters, newspapers, periodicals and architectural magazines locally and internationally. Alraouf's current research interests are: Knowledge-based Urban Development, Post-Carbon Contemporary Gulf Cities, Museums in the Gulf, Urban vitalization of historical districts, Knowledge and Creative cities. He serves in editorial boards of notable journals and has delivered lectures and presentations in over 25 countries. His teaching portfolio includes graduate and undergraduate courses in Architectural History and Theory, Urban Design, Urban Planning, and Design Studios. His research interests and activities are centered on the impact of late capitalism on the architectural and urban transformations of Cairo, Doha, and Dubai. He has been invited to present his research work at international institutions such as University of Oregon, Illinois Institute of Technology, Drury University, Cambridge University, University of Seoul, Malaysia International University, University of Belgrade, and American Universities in Beirut, Sharjah, Kuwait and Cairo. Alraouf is the recipient of many awards including the innovation award in environmental and sustainable planning from Ministry of scientific research in Egypt 2000, Modern Science and Arts University (MSA) Teaching Excellence Award 2004, Best Research Paper in Sharjah International Conference for Urban Planning 2008 and Research Publication Achievement Award from University of Bahrain 2009. Alraouf was selected as member of 2012 Excel campaign at Qatar University and the distinguished speaker of the Arab Future Cities Summit 2016.



**Eastern Mediterranean University**

*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



CORRESPONDENCE EMAIL: [icdimse2022@gmail.com](mailto:icdimse2022@gmail.com)

[www.icdimse2022.com](http://www.icdimse2022.com)

# ICDIMSE 2022

## KEYNOTE SPEAKERS



**PROF.DR.SHALEEN SINGHAL**

**Professor and Dean  
(Research & Relationships) Department of  
Energy and Environment**

**TERI School of Advanced Studies, New Delhi  
Visiting Fulbright Fellow Yale; Fellow HEA UK**

Email: [shaleen.singhal@terias.ac.in](mailto:shaleen.singhal@terias.ac.in)

Shaleen Singhal is a Professor and Dean of Research and Partnerships at TERI School of Advanced Studies. He is a Fellow of the Higher Education Academy, United Kingdom and had been a Visiting Fulbright Fellow at the Yale University in 2018. Dr. Singhal has over 24 years of research, consultancy and teaching experience in areas relating to sustainable smart cities, climate change, sustainable consumption, redevelopment, public policy and planning. His PhD from Ulster of University, UK (now Ulster University) received the Global Emerald/EFMD Outstanding Doctoral Research Award in 2009 and the Best Thesis in Built Environment, University of Ulster, Faculty Award 2009. He had worked as lecturer in Sustainability Design at the School of the Built Environment, University of Ulster. He is the founding member of the International Universities Climate Alliance; member of the Global Urban Competitiveness Project Council, US; and board member of the ProSPER.Net alliance in the Asia-Pacific region. Dr Singhal has successfully led several multi-disciplinary research and consultancy assignments focusing on India and other developing countries. He had been the Principal Investigator of the EU-UNEP funded Switch Asia initiative on Sustainable Consumption and Production (SCP); and the Indian Lead Collaborator of the Indian European multi-level climate governance research networking programme. Inter-disciplinary research by him and his PhD scholars examines the challenges and solutions for cities. He had pioneered in structuring first-of-its-kind MTech programme on Urban Development Management in India; and the first masters' course on SCP with emerging economies perspective. Prof. Singhal contributes as an external PhD examiner, doctoral research committee member and guest faculty for research methodology at leading institutions such as IIT Kharagpur, CEPT, SPA, Nirma University, AKTU and Amity University in India.



**Eastern Mediterranean  
University**

*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



CORRESPONDENCE EMAIL: [icdimse2022@gmail.com](mailto:icdimse2022@gmail.com)

[www.icdimse2022.com](http://www.icdimse2022.com)

# ICDIMSE 2022

## KEYNOTE SPEAKERS



**PROF. DR. ROHINTON EMMANUEL**

Director of the BEAM Research Centre

Professor in Sustainable Design and  
Construction in Glasgow Caledonia University

Email: [Rohinton.Emmanuel@gcu.ac.uk](mailto:Rohinton.Emmanuel@gcu.ac.uk)

Dr. Shaleen Singhal, is a Professor and Dean (Research and Relationships) at TERI School of Advanced Studies. He is a Fellow of the Higher Education Academy, United Kingdom and had been a Visiting Fulbright Fellow at the Yale University in 2018. Dr. Singhal has over 24 years of research, consultancy and teaching experience in areas relating to sustainable smart cities, climate change, sustainable consumption, redevelopment, public policy and planning. His PhD from Ulster of University, UK (now Ulster University) received the Global Emerald/EFMD Outstanding Doctoral Research Award in 2009 and the Best Thesis in Built Environment, University of Ulster, and Faculty Award 2009. He had worked as lecturer in Sustainability Design at the School of the Built Environment, University of Ulster. He is the founding member of the International Universities Climate Alliance; member of the Global Urban Competitiveness Project Council, US; and member of the ProSPER.Net alliance in the Asia-Pacific region. Dr Singhal has successfully led several multi-disciplinary research and consultancy assignments focusing on India and other developing countries. He had been the Principal Investigator of the EU-UNEP funded Switch Asia initiative on Sustainable Consumption and Production (SCP); and the Indian Lead Collaborator of the Indian European multi-level climate governance research networking programme. Inter-disciplinary research by him and his PhD scholars examines the challenges and solutions for cities. He had pioneered in structuring first-of-its-kind MTech programme on Urban Development Management in India; and the first masters' course on SCP with emerging economies perspective. Prof. Singhal contributes as an external PhD examiner, doctoral research committee member and guest faculty for research methodology at leading institutions such as IIT Kharagpur, CEPT, SPA, Nirma University, AKTU and Amity University in India.



**Eastern Mediterranean  
University**

*"Virtue, Knowledge, Advancement"*



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture



[www.icdimse2022.com](http://www.icdimse2022.com)

# ICDIMSE 2022

Eastern Mediterranean University  
"Virtue, Knowledge, Advancement"

SATHYABAMA  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

15<sup>th</sup> - 16<sup>th</sup>  
MARCH  
2022

**THE FIRST  
INTERNATIONAL  
CONFERENCE**

**DESIGN INNOVATIONS AND  
MANAGEMENT FOR  
SUSTAINABLE ENVIRONMENT**

**ICDIMSE 2022**  
[www.icdimse2022.com](http://www.icdimse2022.com)

**CONFERENCE THEMES**

DESIGN INNOVATIONS AND PERFORMANCE EVALUATION  
SMART MATERIALS AND ARTIFICIAL INTELLIGENCE  
SUSTAINABILITY IN ARCHITECTURAL DESIGN  
SUSTAINABLE DESIGN AND CONSTRUCTION PROCESSES  
URBAN RESILIENCE, SAFETY, DISASTER AND RISK MITIGATION  
SUSTAINABLE URBAN AND RURAL DEVELOPMENT  
ENVIRONMENTAL POLICY AND GOVERNANCE

Faculty of Architecture

## IMPORTANT LINKS

**ICDIMSE 2022:**

<https://icdimse2022.com/index.html>

**ICDIMSE 2022 EMU WEBPAGE:**

<https://icdimse22.emu.edu.tr/en>

**REGISTRATION:**

<https://forms.gle/b33pF2VyX2qwWyMg9>

**SUBMISSION:**

<https://icdimse2022.com/submissions.html>



**Eastern Mediterranean  
University**

"Virtue, Knowledge, Advancement"



**SATHYABAMA**

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)



Faculty of Architecture