NATIONAL CONFERENCE

on

ARCHITECTURE & SUSTAINABILITY OF THE BUILT ENVIRONMENT

30 SEPT 01 OCT 2021

NEHRU COLLEGE OF ARCHITECTURE

PALAKKAD, KERALA





30 SEPT 01 OCT 2021

ASBE

C

ABOUT THE CONFERENCE:

Nehru College of Architecture is hosting its first National conference on 'Architecture & Sustainability of the Built Environment' broadly aimed to discuss & share the knowledge and design ideas developed in the academics and research domain to the outside world and vice versa.

In times of limited resources and continued evidence of significant climate change, sustainability is increasingly regarded to be of global importance. Sustainable design is a collective process whereby the built environment achieves unprecedented levels of ecological balance through new and retrofit construction, contributing to the long-term viability and humanization of architecture. The conference will address core areas of sustainability such as design, energy & materials in the field of architecture and sustainability in urban design and city planning in the broader spectrum. "Sustainability is a fashion nowadays, But the concept is often used so loosely that many people are unsure of what it really means."

This Conference aims to bring together architects, academicians, and researchers to exchange and share their experience on all aspects of architectural explorations and planning for sustainability. It also provides an interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends and concerns as well as practical challenges encountered and solutions adopted in the field of sustainable architecture & planning.

CONFERENCE OBJECTIVES:

This conference objective is to serve as a platform for sharing knowledge and new insights all around India in the field of Architecture and Sustainability. Nehru college of Architecture invites academicians, researchers, post-graduate students, policy makers and social partners to share their knowledge from their field of expertise according to the topics of the conference.

All the accepted abstracts & papers will be published in ASBE conference proceedings with ISBN.



2021

NEHRU COLLEGE OF ARCHITECTURE PALAKKAD KERALA



30 SEPT 01 OCT 2021

ASBE 2021

> N G I

> > &

N C A

ABOUT NGI:

Nehru College of Educational and Charitable Trust, established at an auspicious moment in the year 1968, with the primary objective of rendering selfless, dedicated and yeomen service to cause of higher education originally in the field of Aeronautical Engineering and subsequently in the fields of other engineering branches, Management, Arts, Science, Paramedical Sciences and has added feather after feather to its Cap. Its educational service to the poor underprivileged and downtrodden in the society is widely appreciated by the people, especially from Tamil Nadu and Kerala. Over the period of nearly four decades, it has established and managed a number of prestigious Educational Institutions, all of which have grown to the stature of being accredited with ISO 9001:2000 certification by the International Certification Services. The headquartered at Coimbatore has spread its wings to the neighbouring Kerala State too by establishing Educational Institutions of high reputation.

ABOUT NCA:

"An ideal place for experiencing Architectural Education in Kerala"

Nehru College of Architecture strives to equip the next generation of architects with the knowledge and skill set needed to conceptualize the future of the built environment. The B. Arch program addresses future concerns in these uncertain times when the world is facing major migrations induced by climate change, natural & manmade disasters, resource depletion, pollution, congestion & overcrowding in urban areas etc. NCA trains architecture students to turn these dire prospects into opportunities by conceiving many types of architectural projects that respond to sustainability of the environment and also reflect the culture & ethos of the local population.



30 SEPT 2021

ASBE

AUGURA A

N N

2021

NCA

Invites you for the Inauguration of

'ARCHITECTURE & SUSTAINABILITY OF THE BUILT ENVIRONMENT'

Thursday, 30th of September 2021 from 9:30 am to 10:45 am



CHIEF GUEST
Ar. C R RAJU
C R RAJU ARCHITECTS,
CHENNAI.
PRESIDENT, IIA, INDIA



CO-CHIEF PATRON

Dr. P. KRISHNAKUMAR

CEO & SECRETARY, NGI



CHIEF PATRON
Adv. Dr. P. KRISHNADAS
MANAGING TRUSTEE, NGI



GUEST OF HONOUR
Ar. L. GOPAKUMAR
CHAIRMAN, IIA, KERALA



Ar. THIRUMENI MADAVAN
PRINCIPAL, NCA
CONVENOR - ASBE, 2021





ASBE

INAUGURATION FUNCTION

30th September, 2021 **DAY - 1**

9:30 AM -**INTRODUCTION OF ASBE 2021**

SILENT PRAYER

9:35 AM -**WELCOME ADDRESS**

Ar. THIRUMENI MADAVAN

Principal, NCA, Kerala. Convenor- ASBE 2021

ABOUT THE CONFERENCE 9:40 AM -

AR. KARL MARX

Associate Professor, NCA Coordinator- ASBF 2021

9:45 AM -PRESIDENTIAL ADDRESS

> Adv. Dr. P. KRISHNADAS Managing Trustee, NGI.

9:55 AM -**INAUGURAL ADDRESS BY CHIEF GUEST**

Ar. CR RAJU

C R Raju Architects, Chennai. President, IIA, India

10:15 AM -**GUEST OF HONOUR ADDRESS**

> Ar. L. GOPAKUMAR Chairman, IIA, Kerala.

10:25 AM - SPECIAL ADDRESS

Dr. P. KRISHNAKUMAR CEO & Secretary, NGI.

10:35 AM - FELICITATION

Dr. N. GUNASEKARAN Principal, JCET, Kerala.

10:40 AM -**VOTE OF THANKS**

AR. KESHAV GANGADHAR

Professor, NCA

2021

LINK: Google Meet joining info Video call link: https://meet.google.com/qdo-xbqt-vib

Or dial: (US) +1 617-675-4444 PIN: 928 603 673 0983# More phone numbers: https://tel-meet/qdo-xbqt-vib?pin=9286036730983



ASBE

C T 0

2021

NCA

Invites you for the Valedictory function

NATIONAL CONFERENCE ON **ARCHITECTURE & SUSTAINABILITY OF THE BUILT ENVIRONMENT**

Friday, 1st of October 2021 from 4:30 pm to 5:30 pm



CHIEF GUEST Ar. LALICHAN ZACHARIAS LALICHAN ZACHARIAS ATELIER Kochi, Kerala IIA Representative, COA, India Editor, JIIA



Ar. THIRUMENI MADAVAN PRINCIPAL, NCA CONVENOR - ASBE, 2021



Dr. P. RADHAKRISHNAN ACADEMIC ADVISOR, NGI, KERALA



Mr. SRINIVAS M PRINCIPAL COORDINATOR, NGI, KERALA

LINK: Google Meet joining info
Video call link: https://meet.google.com/ofj-usdj-pdw
Or dial: (US) +1 617-675-4444 PIN: 956 955 605 9436#
More phone numbers: https://tel-meet/off-usdj-pdw?pin=9569556059436



NEHRU COLLEGE OF ARCHITECTURE PALAKKAD KERALA



ASBE

0

2021

VALEDICTORY FUNCTION

01st October, 2021

4:30 AM -**WELCOME ADDRESS**

Ar. THIRUMENI MADAVAN

Principal, NCA Convenor- ASBE 2021

4:35 AM -REPORT ON CONFERENCE

AR. KARL MARX

Associate Professor, NCA Coordinator- ASBE 2021

4:40 AM - VALEDICTORY ADDRESS BY CHIEF GUEST

Ar. LALICHAN ZACHARIAS

Lalichan Zacharias Atelier Kochi, Kerala. IIA Representative, COA, India Editor, JIIA

5:00 AM **AWARD ANNOUNCEMENT**

Ar. THIRUMENI MADAVAN

Principal, NCA Convenor-ASBE 2021

5:10 AM -**FELICITATION**

Dr. P. RADHAKRISHNAN

Academic Advisor, NGI, Kerala

MR. SRINIVAS M

Principal Coordinator, NGI, Kerala

VOTE OF THANKS 5:25 AM -

AR. KESHAV GANGADHAR

Professor, NCA

LINK: Google Meet joining info
Video call link: https://meet.google.com/ofj-usdj-pdw
Or dial: (US) +1 617-675-4444 PIN: 956 955 605 9436#
More phone numbers: https://tel-meet/ofj-usdj-pdw?pin=9569556059436



NEHRU COLLEGE OF ARCHITECTURE PALAKKAD, KERALA



EMINENT **ARCHITECTS LECTURE**

C FX S 2021

EMINENT ARCHITECTS LECTURE SERIES

30th September, 2021 DAY - 1



Ar. MADHAV JOSHI MADHAV JOSHI AND ASSOCIATES Pune, Maharashtra

Topic: 'Active and Passive Solar Strategies in Architecture'



Ar. HARINI STUDIO DCODE Chennai, Tamilnadu

Topic: 'Sustainable Building Practices in the City'

Ar. Smrithi Devakumar

LINK: Google Meet joining info Video cell link: https://meet.google.com/qdo-xbqt-vib Or dial: (US) +1 617-675-4444 PIN: 928 603 673 0983# More phone numbers: https://tel-meet/qdo-xbqt-vib?pin=9286036730983



NEHRU COLLEGE OF ARCHITECTURE PALAKKAD, KERALA

NEHRU OF INSTITUTIONS



01 oct 2021

EMINENT ARCHITECTS LECTURE

> S 2021

EMINENT ARCHITECTS LECTURE SERIES

01st October, 2021

DAY - 2



AR. RAVI KAPOOR
KAPOOR AND ASSOCIATES
Patna, Bihar

Topic: 'Architecture and Sustainability: Subverting the design program' 9:30 am **01** OCT 2021



Ar. K T RAVINDRAN
FORMER HOD (DEPT. OF URBAN
DESIGN), SCHOOL OF PLANNING
& ARCHITECTURE, New Delhi

Topic:
'Reimagining the
Post-Pandemic city: paradigm
shift in Urban Design'

11:00am **01** OCT 2021



Ar. VINOD KUMAR M M
DD ARCHITECTS
Thrissur, Kerala

Topic: 'Sustainability and Conservation in Practice' 2:45 pm **01** OCT 2021

Session Moderator

Ar. Smrithi Devakumar

LINK: Google Meet joining info
Video call link: https://meet.google.com/ofj-usdj-pdw
Or diel: (US) +1 617-675-4444 PIN: 956 955 605 9436#

Or dial: (US) +1 617-675-4444 PIN: 956 955 605 9436# More phone numbers: https://tel-meet/ofj-usdj-pdw?pin=9569556059436



OF ARCHITECTURE
PALAKKAD KERALA



ASBE

M

S

2021

Conference Proceedings - Paper Presentation

30th September, 2021 DAY - 1

11:00 AM (A) 11:20 AM - Ar MAYA MOHAN

Professor, Nehru School of Architecture, Coimbatore, Tamilnadu.

Topic: 'SUSTAINABLE URBAN FORM- A STUDY OF CHENNAI'

11:20 AM () 11:40 AM - Ar. DEEPTHIS

Assistant Professor, Prime Nest College of Architecture & Planning, Trichy & Research Scholar, Anna University, Chennai. Topic: 'Understanding the sustainable PRACTICES OF URBAN STREET DESIGN THROUGH CASE STUDIES OF INDIAN CITIES'

11:40 AM () 12:00 PM -

Ar. VIGISHA GOPALAKRISHNAN

Adjunct Faculty, Amity University, Dubai. Topic: 'METHODOLOGIES AND PRACTICES TO **EMPLOY SMART, INNOVATIVE & COST-EFFECTIVE** LANDSCAPING TECHNIQUES IN THE UAE'

12:00 PM () 12:20 PM - Ar. V S KAVITHA

Department of Architecture, PMIST, Thanjavur, Tamil Nadu.

Topic: 'Sustainable Practices in Campus DESIGN: A CASE EXAMPLE OF AN EDUCATIONAL INSTITUTION IN THANJAVUR, TAMIL NADU'

12:20 PM () 12:40 PM

Ar. SUJITH KUMAR EDUPUGANTI Assistant Professor, Mohamed Sathak AJ

Academy Of Architecture, Chennai, Tamil Nadu-Topic: 'A STUDY ON NZEB IN INDIA - PLANT 13 ANNEXE BUILDING, GODREJ AND BOYCE'

12:40 PM (1:00 PM

Ar. UTHRA VASUDEVAN

Department of Architecture, School of Architecture and Interior Design, SRM Institute of Science and Technology, Chennai, Tamil Nadu-Topic: 'UTILIZATION OF BAMBOO AS AN

ALTERNATIVE CONSTRUCTION MATERIAL - A

REVIEW'

Ar. Keshav Gangadhar

LINK: Google Meet joining info
Video call link: https://meet.google.com/qdo-xbqt-vib

Or dial: (US) +1 617-675-4444 PIN: 928 603 673 0983# More phone numbers: https://tel-meet/qdo-xbqt-vib?pin=9286036730983



NEHRU COLLEGE OF ARCHITECTURE PALAKKAD, KERALA



ASBE G S 2021

Conference Proceedings - Paper Presentation

01st October, 2021 DAY - 2

11:00 AM () 11:20 AM - Ar. LEKSHMI RAJ

Assistant Professor, Marian college of Architecture and planning, Kazhakkoottam,

Topic: 'IMPACT OF ELOOR INDUSTRIAL TOXIC HOTSPOT ON ADJACENT COMMUNITY'

11:20 AM () 11:40 AM - Ar. CHARUDATHAN M B & MERIL MARIA MATHEW

Professor, College of Architecture Trivandrum,

Student, College of Engineering Trivandrum, Kerala.

Topic: 'MANUFACTURE OF FALSE CEILING PANELS

11:40 AM () 12:00 PM - Ar. RICHU REGINA S FELIX

M.Arch Student (Urban Design), College of Engineering Trivandrum, Kerala. Topic: 'Sustaining socio-economic system, by

DEVELOPING RESILIENT INFRASTRUCTURE IN COASTAL AREAS'

12:00 PM (12:20 PM - Ar. K R SRIINITHI

Department of Architecture, PMIST, Thanjavur, Tamil Nadu.

Topic: 'EXPLORING THE STRUCTURE AND ARCHITECTURE OF BAMBOO: A SUSTAINABLE BUILDING MATERIAL'

12:20 PM

12:40 PM - Ar. A KARTHICK

Associate Professor, SVS School of Architecture, Coimbatore and Ph.D Research Scholar in SRMIST, Kattankulathur, Chennai.

Topic: 'EXPLORE AND IDENTIFIED CONCEPTUAL FRAME WORK OF APPLICATION TO ADDRESS THE IMPACT OF CLIMATE CHANGE IN URBAN

Ar. Keshav Gangadhar

LINK: Google Meet joining info

Video call link: https://meet.google.com/duh-pqta-cqu

Or dial: (US) +1 413-853-2299 PIN: 675 545 928#



NEHRU COLLEGE OF ARCHITECTURE PALAKKAD KERALA



30 SEPT 01 OCT 2021

ASBE

PROCEEN

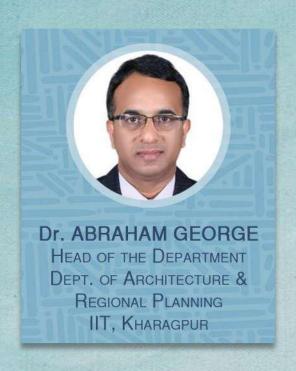
M

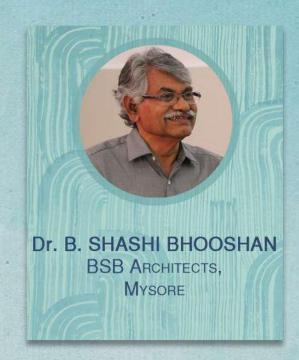
G

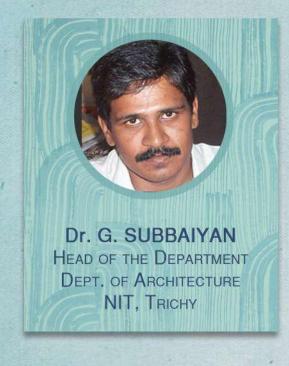
S

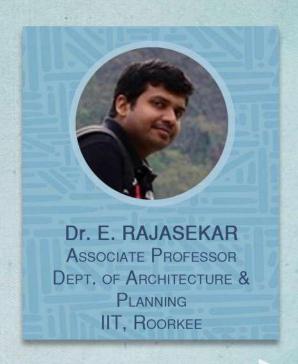
2021

CONFERENCE PROCEEDINGS - ADVISORY COMMITTEE









All the accepted abstracts & papers will be published in ASBE conference proceedings with ISBN.



NEHRU COLLEGE OF ARCHITECTURE PALAKKAD KERALA



30 SEPT 01 OCT 2021

ASBE

J U B Y

PANE

2021

NATIONAL DESIGN COMPETITION

SUSTAINABLE FOREST RESORT @ ATHIRAPILLY FALLS

JURY PANEL MEMBERS



Ar.M.BHUVANASUNDAR
B.Arch.,M.B.E.M,A.I.I.A,A.I.I.D
FOUNDER AND PARTNER OF
SUNDAR SUNDARAM ARCHITECTS,
COIMBATORE.



Ar.N.KALYANASUNDARAM
B.Arch.,M.Sc.DM,M.Phil.,A.I.I.A,A.I.I.D
FOUNDER AND PARTNER OF
SUNDAR SUNDARAM ARCHITECTS,
COIMBATORE

The winners will be announced during the conference Valedictory Function. The shortlisted entries and winners sheets will be published in our college magazine and website.



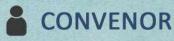
ASBE

0 0 V

2021



Adv. Dr. P. KRISHNADAS MANAGING TRUSTEE, NGI Dr. P. KRISHNAKUMAR CEO & SECRETARY, NGI



Ar. THIRUMENI MADAVAN PRINCIPAL, NCA, KERALA



Dr. ABRAHAM GEORGE HEAD OF THE DEPARTMENT, IIT, KHARAGPUR

Dr. B. SHASHI BHOOSHAN

BSB ARCHITECTS, MYSORE

Dr. G. SUBBAIYAN

HEAD OF THE DEPARTMENT, NIT, TRICHY

Dr. E. RAJASEKAR

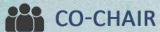
ASSOCIATE PROFESSOR, IIT, ROORKEE

Ar. M. BHUVANASUNDAR

SUNDAR SUNDARAM ARCHITECTS, COIMBATORE

Ar. N. KALYANASUNDARAM

SUNDAR SUNDARAM ARCHITECTS, COIMBATORE



Ar. KESHAV GANGADHAR PROFESSOR, NCA Ar. KESAVAN SHYAM KUMAR PROFESSOR, NCA



TECHNICAL & ORGANIZING COMMITTEE

> Ar. KARL MARX Associate Professor, NCA Ar. VENKATACHALAM

Assistant Professor, NCA

For Queries

Mail id: asbe.nca@nehrucolleges.com Contact no: 9656641757, 9566544283



OF ARCHITECTURE PALAKKAD, KERALA

OF INSTITUTIONS KERALA | TAMILNADU

