

AS
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NATIONAL CONFERENCE

on

**ARCHITECTURE & SUSTAINABILITY
OF THE
BUILT ENVIRONMENT**

30
SEPT
01
OCT
2021

NEHRU COLLEGE OF ARCHITECTURE

PALAKKAD, KERALA



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OF ARCHITECTURE
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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.



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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, and 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 Trust 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.



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INAUGURATION

2021

NCA

Invites you for the
Inauguration of
NATIONAL CONFERENCE ON
'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



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



CO-CHIEF PATRON
Dr. P. KRISHNAKUMAR
CEO & SECRETARY, NGI



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



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



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INAUGURATION

2021

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
- 9:40 AM - **ABOUT THE CONFERENCE**
AR. KARL MARX
Associate Professor, NCA
Coordinator- ASBE 2021
- 9:45 AM - **PRESIDENTIAL ADDRESS**
Adv. Dr. P. KRISHNADAS
Managing Trustee, NGI.
- 9:55 AM - **INAUGURAL ADDRESS BY CHIEF GUEST**
Ar. C R 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

LINK : Google Meet joining info

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Or dial: (US) +1 617-675-4444 PIN: 928 603 673 0983#

More phone numbers: <https://tel.meet/qdo-xbqt-vib?pin=9286036730983>



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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, JIA



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



Dr. P. RADHAKRISHNAN
ACADEMIC ADVISOR,
NGI, KERALA



Mr. SRINIVAS M
PRINCIPAL COORDINATOR,
NGI, KERALA

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VALEDICTORY FUNCTION

01st October, 2021 DAY - 2

- 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
- 5:25 AM - **VOTE OF THANKS**
AR. KESHAV GANGADHAR
Professor, NCA

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EMINENT
ARCHITECTS
LECTURE

EMINENT ARCHITECTS LECTURE SERIES

30th September, 2021 DAY - 1

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2021



Ar. MADHAV JOSHI
MADHAV JOSHI AND ASSOCIATES
Pune, Maharashtra

Topic:
'Active and Passive Solar
Strategies in Architecture'

1:45 pm

30
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Ar. HARINI
STUDIO DCODE
Chennai, Tamilnadu

Topic:
'Sustainable Building Practices
in the City'

3:15 pm

30
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Session Moderator
Ar. Smrithi Devakumar

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EMINENT
ARCHITECTS
LECTURE

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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

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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

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Ar. VINOD KUMAR M M
DD ARCHITECTS
Thrissur, Kerala

Topic:
'Sustainability and Conservation
in Practice'

2:45 pm

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Session Moderator
Ar. Smrithi Devakumar

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PROCEEDINGS

2021

Conference Proceedings - Paper Presentation

30th September, 2021 DAY - 1

- 11:00 AM - 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. DEEPTHI S**
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'
- Session Moderator
Ar. Keshav Gangadhar

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PROCEEDINGS

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, Kazhakkootam, Kerala.
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, Kerala.
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

Session Moderator
Ar. Keshav Gangadhar

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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.

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Assistant Professor, NCA

For Queries

Mail id: asbe.nca@nehrucolleges.com

Contact no: 9656641757, 9566544283

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