



Smt. K. L. Tiwari Education Society's
**SMT. K. L. TIWARI
COLLEGE OF
ARCHITECTURE**

Foundation of Excellence

Approved by Council of Architecture, New Delhi & DTE,
Maharashtra State & Affiliated to University of Mumbai
DTE Code No: AR 3484

Report on Training Programme

'Transition towards Net Zero – The Roadmap'

Date – 6th to 9th December, 2022

Mode of Workshop – Online

Conducted by – Council of Architecture in collaboration with Manipal Academy of Higher Education Dubai Campus.

Time – 10.30 am to 3.30 pm

Introduction –

A 4-day Faculty Development Programme on 'Transition towards Net Zero – The Roadmap' was introduced to make aware of various topics such as zero energy building, climate sensitive design, energy optimization and its management, etc.

Objective –

The objective of the program was to understand the roadmap to achieve net zero in the forthcoming decades through a collaborative approach by stakeholders, through design optimization and strategies, circular economy, decarbonization, energy literacy and energy management.

Outcome –

The participants got insight about strategies for accelerating and transitioning towards net zero and roadmap pathway. It also helped to understand the role of architects and urban planners in this field.





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COUNCIL OF ARCHITECTURE, INDIA

IN COLLABORATION WITH



Manipal Academy of Higher Education Dubai Campus is
organising a 04-Day Online Faculty Development Program on
'Transition towards Net Zero'- The Roadmap'
(04th to 08th September 2022 - 10:30am to 2:30pm)



Nandan Tavkar
Associate Sustainability
Consultant,
Buro Happold, Dubai, UAE



Baharash Bagherian
CEO, URIL, Dubai, UAE



Chrystal Thomas
Sustainability Engineer,
Buro Happold, Dubai, UAE



Dr. Ravishankar Dudhe
Associate Professor, Senior
Grade, School of Engineering,
JIT, MAHE, Dubai, UAE



**Sundara Vadhana
Gurushev**
Sustainability Consultant,
Huore Ltd, UK



Sechin Rastogi
Principal, Zero Energy
Design Lab, India



Jiten Prajapati
Principal Architect,
Jiten Prajapati, India



Farah Naz
Innovation & ESG Lead, ACCOM,
Middle East & Africa
Co-author of Net Zero City

Objective:

According to United Nations, in order to avert the worst impacts of climate change and preserve a liveable planet, global temperature increase needs to be limited to 1.5°C above pre-industrial levels. To keep global warming to no more than 1.5°C - as per the Paris Agreement - emissions need to be reduced by 45% by 2030 and reach net zero by 2050. Transitioning to a net-zero world is one of the greatest challenges humankind has faced. <https://www.un.org/en/climatechange/net-zero-coalition>

The Objective of the Program is therefore to understand the road map to achieve net zero in the forthcoming decades through a collaborative approach by stakeholders, through design optimisation and strategies, circular economy, decarbonization, energy literacy and energy management.

The Speakers from industry and academia will discuss strategies for accelerating and transitioning towards Net-Zero and roadmap pathway.

Key-Take Away for the Participants

The Program will offer the participants to understand the following concepts

- Overview of concept of Net-zero goals as pledged by countries, organisations and institutions across various geographies.
- Decarbonization of buildings and Circular economy to accelerate net zero
- Role of architects, urban planners for transformation and pathway towards net zero with context sensitive design, energy literacy towards energy optimization through energy management practices





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DTE Code No.: AR 3434



Prepared by – Ar. Dhanashree Raju
Asst. Prof. SKLTCOA



Checked by – Prof. Rupali H. Gupte
Principal, SKLTCOA

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Council of Architecture

CERTIFICATE OF PARTICIPATION

This certificate is awarded to

Dhanashree Raju

for participating in the
ONLINE TRAINING PROGRAM

'Transition towards Net Zero - The Roadmap'

From 6th December 2022 - 9th December 2022

In collaboration with

School of Design and Architecture, Manipal Academy of Higher Education(MAHE), Dubai Campus, UAE

Convened by

Prof. Jayashree Deshpande, Director, Council of Architecture Training and Research Centre, Pune

Coordinated by

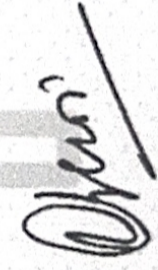
Dr. Bhakti More, Chairperson, School of Design and Architecture, MAHE, Dubai Campus, UAE

Sponsored and organized by

Council of Architecture Training & Research Centre (COA-TRC)



Ar. Prof. Habeeb Khan
President, COA



Shri Raj Kumar Oberoi
Registrar, COA



Ar. Prof. Jayashree Deshpande
Director, COA-TRC, Pune

13.12.2022

Date





Council of Architecture

CERTIFICATE OF PARTICIPATION

This certificate is awarded to

Latika Ambekar

for participating in the
ONLINE TRAINING PROGRAM

'Transition towards Net Zero - The Roadmap'

From 6th December 2022 - 9th December 2022

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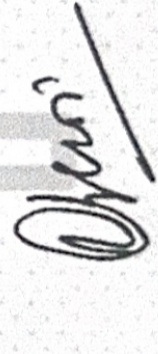
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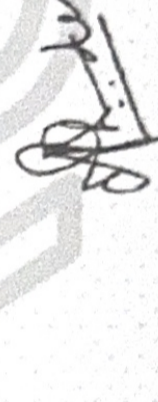
Dr. Bhakti More, Chairperson, School of Design and Architecture, MAHE, Dubai Campus, UAE

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Ar. Prof. Habeeb Khan
President, COA


Shri Raj Kumar Oberoi
Registrar, COA


Ar. Prof. Jayashree Deshpande
Director, COA-TRC, Pune

13.12.2022

Date





Council of Architecture

CERTIFICATE OF PARTICIPATION

This certificate is awarded to

Priya Sharma

for participating in the
ONLINE TRAINING PROGRAM

'Ancient texts on Architecture and Ecology'

from 6th February 2023 - 10th February 2023

In collaboration with

CTES College of Architecture, Mumbai

Convened by

Prof. Jayashree Deshpande, Director, Council of Architecture Training and Research Centre, Pune

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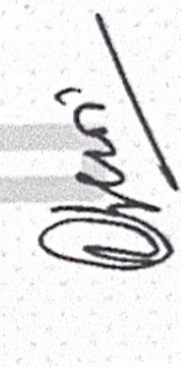
Prof. Pooja Shah, Asst. Professor, CTES College of Architecture, Mumbai

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Ar. Prof. Habeeb Khan
President, COA



Shri Raj Kumar Oberoi
Registrar, COA



Ar. Prof. Jayashree Deshpande
Director, COA-TRC, Pune

14.02.2023

Date

