



SCHOOL OF SUSTAINABLE  
URBANISATION AND AIR POLLUTION



**ONLINE CERTIFICATE COURSE**

# HEALTHY AND LIVEABLE HOUSING

## A prescription for post-pandemic planning and design

**October 28- November 3, 2020**

**Deadline for applications: October 26, 2020**

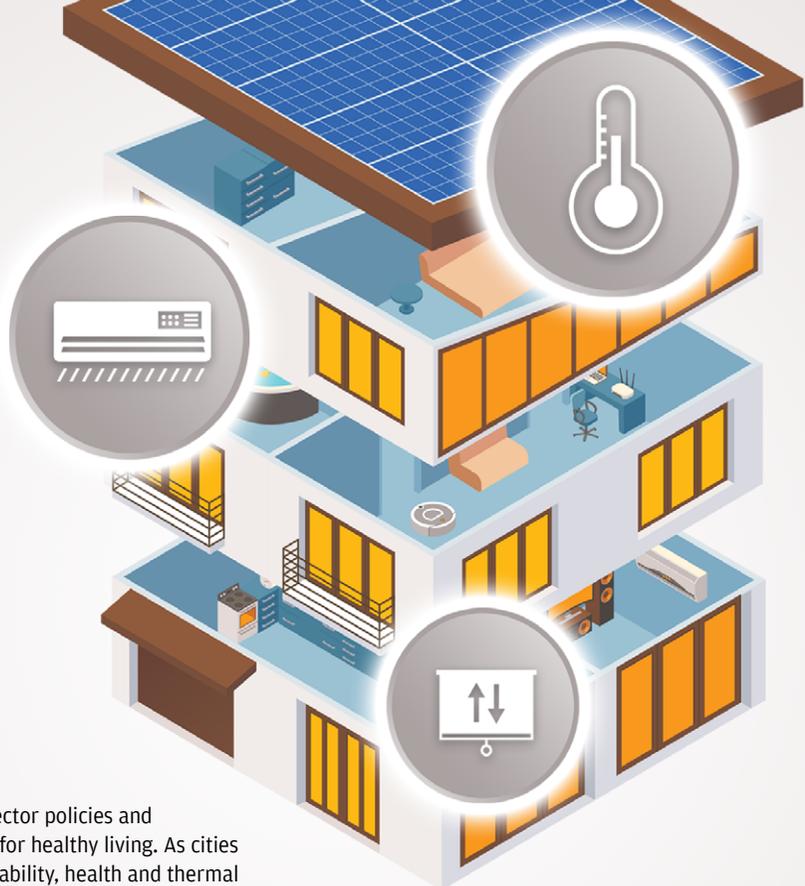
**Medium of instruction: English**

**Registration link:** <https://forms.gle/nbHN1RH4j1ZRfcQb8>

The COVID-19 pandemic has reinforced the fact that housing sector policies and interventions will have to change in the post-pandemic period for healthy living. As cities were locked down to combat the public health emergency, liveability, health and thermal comfort in houses of all income classes have hogged the attention. While trapped stale air in ill-designed, thermally uncomfortable air-conditioned houses can foster infectious diseases, overcrowding in lower income households with no ventilation creates risks for the urban poor.

Under the Pradhan Mantri Awas Yojana – the largest housing scheme in the world – India is building 11.2 million units in urban areas. Also, India's built-up area will increase by five times by 2030, which will be dominated by residential use. Now is a great opportunity for green recovery and charting a course correction for our future housing stock. In the new normal, it is crucial to look at housing layouts, building design and choice of materials for addressing thermal comfort not only as enablers of liveability but also as catalysts to reduce the disease burden in residential buildings.

CSE offers a specialised course to familiarise participants with the latest government initiatives, strategies for inclusive spatial planning, implementing cost-effective environmental services, and realising the impact of layouts, building geometry and material choices in planning and designing healthy, liveable and climate-appropriate housing.



### COURSE HIGHLIGHTS

- Housing for all: Charting the agenda for health and liveability in cities
- Housing and mobility: Planning for inclusive cities
- Understanding housing affordability
- Environmental services for self-sufficient housing: Resource conservation practices and their interface with design and layout
- Housing and thermal comfort: Role of architectural design, layout and materials, and ventilation strategies for microclimate enhancement and mitigating urban heat island effect

### BROAD COURSE STRUCTURE

#### PART I: OCTOBER 28-NOVEMBER 1, 2020

This is the self-paced part of the training which will be executed using an online platform. Participants will be provided with reading/audio-visual training material to give them an overview of the key challenges, policy developments and measures that can improve the housing sector and bring health and liveability to the forefront. Participants can study the training material at their discretion.

#### PART II: NOVEMBER 2, 2020 11:00 AM TO 1:00 PM

This interactive session will offer the participants an opportunity to raise queries and receive answers from the speakers. It will be followed by a multiple choice quiz. Participants will also be briefed on and assigned exercises to be conducted in Part III.

#### PART III: NOVEMBER 2-3, 2020 4:00-6:00 PM

Participants will be divided into groups to work on the assigned exercises. Followed by presentation from each group and discussions, the course will be closed with key remarks and feedback.

**COURSE FEE Rs 2,500 (USD 50 for global participants)**

**Group discounts available**

**One-year free subscription to Down To Earth magazine after course completion.**

**WHO CAN APPLY** Architects, planners, engineers, faculty and students of planning and architecture courses, research scholars, thinktanks, consulting firms, nominated public functionaries involved in housing such as housing boards, housing corporations and urban local bodies

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