

BMS School of Architecture, Yelahanka (Bengaluru)

- Presents **National Online Faculty Development Program on**

CARBON NEUTRALITY IN CONSTRUCTION AND BUILT ENVIRONMENT

18 Aug - 22 Aug 2025 from 2:30PM - 05:45PM

PREAMBLE:

World is experiencing a climate change, and the impact is being felt globally. Climate change refers to long term warming of the planet due to an increase in average global temperatures primarily caused by human activities such as burning fossil fuels, deforestation, land use changes, industrial processes and transportation. Construction sector significantly contributes to global warming primarily due to the Carbon emissions. It accounts for around 39% of global carbon emissions from the activities and processes involved throughout the life cycle of a project. It is imperative to reduce the carbon footprint of the projects and aim for a carbon neutral built environment.

Architects are mainly associated with design and creation of built environment. The amount of carbon emitted in the environment significantly depends on the site planning, development, design of the buildings, technology adopted for the construction and the materials used in the project. It will have impact on the carbon emission from the activities performed during construction phase as well as in the operational phase of the buildings. Architects can play a vital role in reducing the carbon footprint of the building by strategizing appropriately for Carbon Neutral Built Environment. This FDP will focus on the various aspects associated with the theme "Carbon" its emission, reduction, sequestration and credits, mechanism administration etc. The knowledge gained in the FDP will be much helpful to the faculty in orienting their academic delivery of various relevant subjects in line with the SDGs related to Carbon neutrality in the Built environment.

KEY TAKE AWAYS FOR PARTICIPANTS:

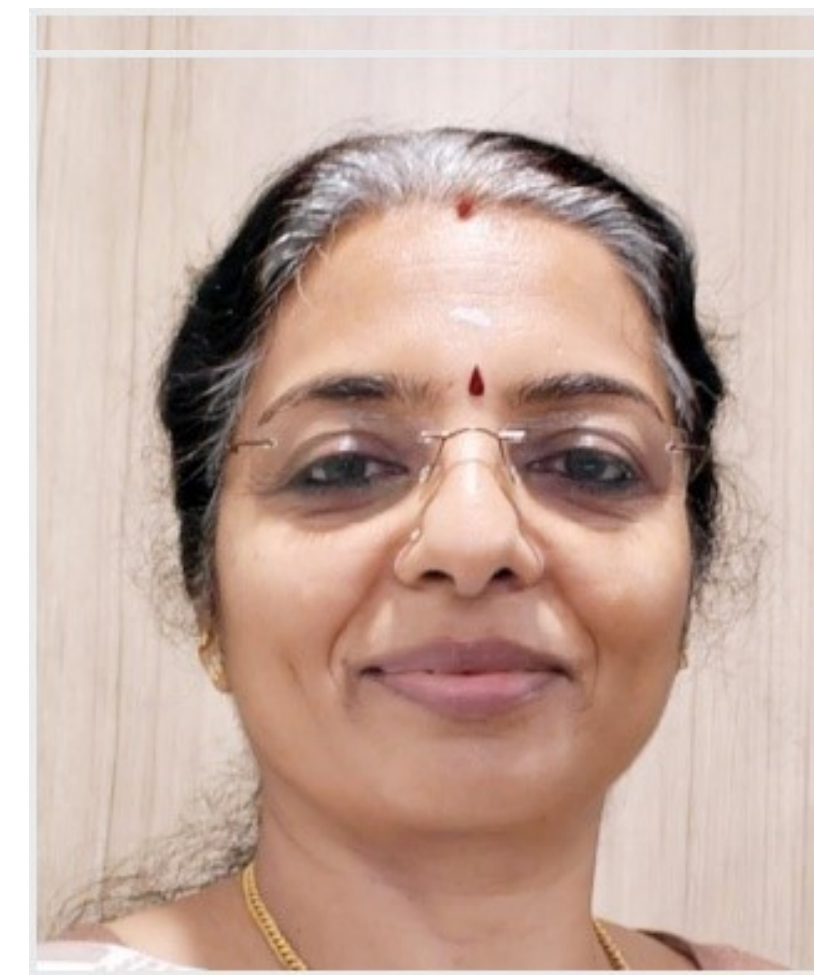
- Enhanced understanding of the challenges posed by climate change to the built environment.
- Practical knowledge of carbon reduction strategies at the building and neighbourhood levels.
- Familiarity with the latest technological advancements in carbon capturing and utilization.
- Ability to integrate concepts of circularity and carbon neutrality into teaching, research, and practice.

NOTES:

- Teachers/ architects who wish to register for the training program either under Collaborative Training Program (CTP 2023-24) or as independent individuals may do so by filling up the Google form available on the given link.
- To confirm registration, kindly upload proof of payment towards the registration fees /nomination form on college letterhead before submitting the registration form.
- Link to join the program will be shared one day prior to the program
- This program is not for students.
- E-Certificate of said training program shall be send via email on registered email id of participants, after successful completion of training program by participant i.e.attending all sessions and submitting all assignments, EOPT and feedback form of training program.

REGISTRATION:

- Registration fees: Rs.1,500/-(Rupees One thousand five hundred only).
- Use the Link to register: <https://forms.gle/Ao4XS2JH9E7PZRseA>
- Use the Link for online payment:
<https://eazypay.icicibank.com/eazypay/Link?P1=K00kQYjNFb8LZHkyuUDx6Q==>
- Colleges may nominate faculty under CTP 2023-24 and 2024-25
- Use Link for Nomination form under CTP 2023-24 and 2024-25 :
https://drive.google.com/file/d/1NUWCckxuXdABP44kxCETJmRUnWIRIHKK/view?usp=drive_link



Dr. Iyer Vijayalaxmi Kasinath



Er. Vijay Kulkarni



Dr. Chandrashekhar Chincholkar



Dr. Poorva Keskar



Ar. J. P. B. Rout



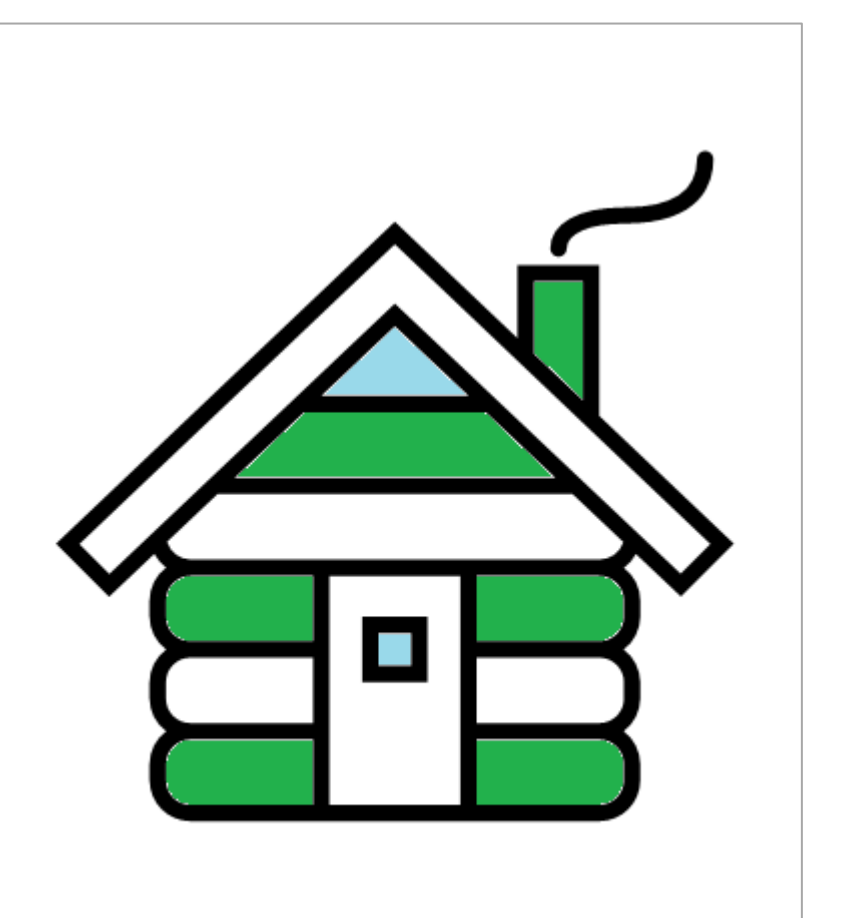
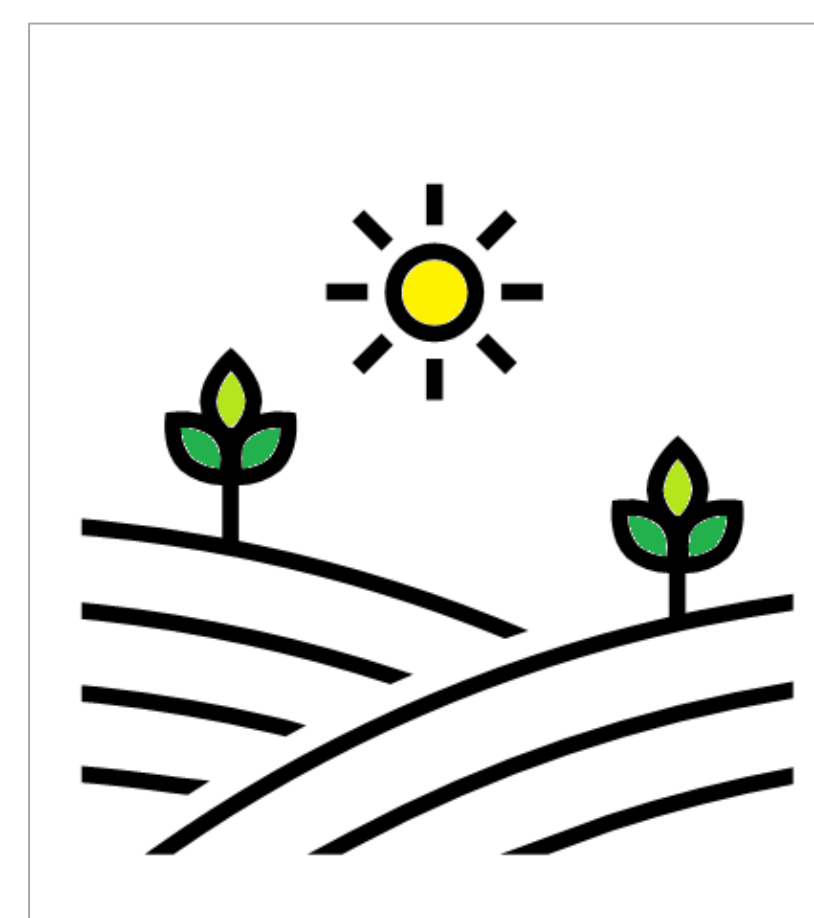
Ar. Ankit Bhalla



Dr. Roshini Udyavar



Dr. Bhakti More



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