



HEINRICH BÖLL STIFTUNG
INDIA



**WEBINAR ONLINE TRAINING PROGRAMME
ON
'PROGRESSING THERMAL COMFORT, RESOURCE EFFICIENCY AND
SUFFICIENCY IN MASS HOUSING'**

Date: 30th May, 2020 Saturday

Time : 11 AM

CHAIRPERSONS

Ms. Anumita Roychowdhury
Executive Director
Center for Science and Environment,
New Delhi

Prof. G. Hemantha Kumar
Honorable Vice-Chancellor
University of Mysore,
Mysuru

Prof. Chidambara Swamy
Director
School of Planning and Architecture, UoM, Mysuru

SPEAKERS

Mr. Rajneesh Sareen
Programme Director
Sustainable Building and Habitat Programme,
Center for Science and Environment,
New Delhi

Mr. Sugeet Grover
Programme Officer
SBHP, Center for Science and Environment, New Delhi

Ms. Mitashi Singh
Programme Officer
SBHP, Center for Science and Environment, New Delhi

Dr. H.S. Kumara
Local Organizing Secretary
School of Planning and Architecture
University of Mysore, Mysuru

**CENTER FOR SCIENCE AND ENVIRONMENT, NEW DELHI AND
SCHOOL OF PLANNING AND ARCHITECTURE, UNIVERSITY OF MYSORE
MYSURU**

PRESS NOTE

University of Mysore, Mysuru and Centre for Science and Environment, New Delhi conduct webinar Online Training Programme on 'Progressing thermal comfort, resource efficiency and sufficiency in mass housing' 30th May 2020 during the lockdown to engage faculty and students on improvements in housing sector in a post-COVID World

University of Mysore (UoM) and Centre for Science and Environment (CSE) - a New Delhi-based think tank on environmental policy research and advocacy - organised an online training programme on 30th May 2020. The programme was part of the MoU signed between the two institutions on 17th March 2020 in Mysuru. This partnership is to conduct joint research and exchange knowledge to include sustainability content in the curriculum through requisite handholding and capacity building of the faculty and students.

The training programme titled on 'Progressing thermal comfort, resource efficiency and sufficiency in mass housing' was themed at sensitizing the faculty and students of the Architecture and Planning on CSE's ongoing research on housing, thermal comfort and fiscal strategies to improve and regulate the sector. Nearly 264 participants attended the online training.

Prof. G. Hemantha Kumar, Vice Chancellor, University of Mysore has inaugurated the programme and followed by the presidential remarks on CSE's and UoM's engagement for research and capacity building on thermal comfort. "Karnataka Affordable housing Policy 2016 focuses on equity by improving the existing houses and building new houses. Further, India Cooling Action Plan launched in 2019 and Eco-Niwas Samhita, 2018 encourage us to ensure thermal comfort for all and energy conservation by good design of houses" - the Vice Chancellor pointed. Both the institutions will also work under CSE's Green Campus Initiative to improve sustainability practices in the 739-acre university campus.

Ms. Anumita Roychowdhury, Executive Director, Research and Advocacy, CSE, New Delhi her keynote address stressed on in these times of COVID-19, inadequacies of existing housing in our cities came to the forefront. Several areas such as the importance of ventilation and sunlight, thermal comfort, self-sufficient neighbourhoods, revised congestion standards, rental housing among others now need to be addressed. In order to do this, "we need to completely rethink about how we plan, design and construct housing, also embed this into planning and architecture education as well practice".

Mr. Rajneesh Sareen, Programme Director, Sustainable Building and Habitat Programme (SBHP), CSE commenced the technical sessions and set the agenda for the training. He presented latest CSE research on ventilation in mass housing using computational flow dynamics (CFD) analysis. "Our research reveals that mid-rise housing (G+6) is a good strategy to ensure ventilation in affordable housing projects" - Sareen pointed. The other technical sessions were delivered by CSE's SBHP comprising of Ms. Mitashi Singh (Programme Officer), Mr. Sugeet Grover (Programme Officer) and Ms. Sonia Rani (Programme Manager). They engaged the participants on different topics ranging from good architectural design and choice

of materials in housing, self-sufficiency in neighbourhoods, fiscal strategies to promote informed designs and layouts for thermal comfort, resource efficiency and affordability in mass housing, and workplace health and safety.

The university's School of Planning and Architecture will work with CSE on the ongoing state-wide housing research and advocacy on mainstreaming thermal comfort for all as guided by the India Cooling Action Plan (ICAP) 2019. ICAP urges state governments to implement housing that is thermally comfortable and less energy intensive in the wake of warming climate. This is possible by planning and designing climate-appropriate site layouts, building clusters, building envelope and materials. To get this done on the ground, states will require setting norms for spatial planning, clustering, orientation, shading, daylighting, etc. Such housing will improve liveability and health conditions of the inhabitants.

The university will function as the regional resource centre for other architecture and planning institutions in Karnataka, which aims at dissemination of research and capacity building through meetings, expert roundtables and regional faculty development programmes co-organised by CSE and the University.

Prof. Chidambra Swamy, Director, School of Planning and Architecture has delivered welcome address Dr. H.S. Kumara Local Organising Secretary, School of Planning and Architecture, University of Mysore has proposed vote of thanks.

