



Indira Gandhi Delhi Technical University For Women
(Established by Govt. of Delhi vide Act 09 of 2012)
Kashmere Gate, Delhi - 110006

Report

On

THOUGHTFUL COOLING

One week Faculty Development Program (FDP) cum National Workshop on THOUGHTFUL COOLING was organized from 16- 20 September, 2019, by the Department of Architecture & Planning, Indira Gandhi Delhi Technical University for Women (IGDTUW). The FDP was sponsored by the Department of Science and Technology, Ministry of Science and Technology, Government of India. Program was open to all faculty members, practitioners, students and researchers, from academic institutions/ universities/ government/private colleges and Industry.

This FDP was part of activities benefiting from CURIE grant initiative. The cooling and refrigeration need in India are one of the significant sources of energy demand throughout the country, and these needs and demands are rising at a similar rapid pace as the economic development. The amount of energy required to cool Indian buildings will depend on how they are designed and built, the technology used for cooling as well as behaviour and operation of equipment by occupants of air-conditioned spaces.

This faculty development program (FDP) on "Thoughtful cooling" provided an opportunity for achieving the goal of cooling India's building interiors more efficiently and sustainably. It also helped understanding a deeper knowledge of building physics and various simulations can be done in order to minimize the air conditioning load, even before construction of the building.

22 students from department of architecture along with various faculty members from IGDTUW and other universities/institutes took part in the program. All participants enthusiastically took part in discussions, exercises and hands-on activities during the workshop.



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