

Unmeshan

(a wing of Adhir Chandra Bhadra Research and Education Trust <https://acbret.org.in>)
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Shibmandir
Darjeeling 734011
West Bengal, INDIA

Unmeshan is pleased to announce an Online **International** Conference and Virtual exhibition of models on “Cool Ideas for a hot planet” with a special emphasis about Low-Cost Cooling Systems for Homes, to be held on 5 June 2026, coinciding with World Environment Day.

With global temperatures expected to rise sharply this year due to the impact of a super El Niño, the need for affordable, sustainable, and accessible cooling solutions has never been more urgent. This conference aims to bring together innovators, researchers, students, and creative thinkers from all walks of life—including those without conventional academic degrees—who are committed to addressing the challenges of heat stress in households.

The event will serve as a platform to share ideas, showcase prototypes, and discuss practical approaches that can make cooling technologies more inclusive and environmentally responsible. By encouraging participation from diverse backgrounds, the Trust seeks to foster community-driven innovation that bridges traditional knowledge with modern science.

We invite all interested individuals to join us in this collaborative effort to reimagine cooling for a hotter world, ensuring comfort, health, and sustainability for every home.

Theme: Low-Cost, Eco-Friendly & Scientific Cooling Solutions for Sustainable Living

Mode: Fully Online (Virtual Exhibition + Live Presentation)

Date: Saturday, 5th June 2026

Conference Objectives

- Promote innovative cooling technologies and scientific models.
- Encourage students, researchers, and innovators to present eco-friendly solutions.
- Discuss sustainable architecture, natural cooling, and energy-efficient systems.
- Create awareness about rising summer temperatures and climate adaptation.
- Other relevant issues related to the environments.

Major Topics

- Passive Cooling Systems
- Natural Ventilation Models
- Green Roof & Vertical Garden Concepts

- Solar Reflective Materials
- Low-Cost Rural Cooling Technologies
- Smart Home Temperature Control
- Mathematical Modelling of Heat Transfer
- AI & IoT-based Cooling Systems
- Climate Change and Urban Heat Islands
- Sustainable Architecture

Registration Fees Structure

Category	Indian Participants	International Participants
School Students	₹100	\$5
Undergraduate Students	₹200	\$10
Postgraduate Students	₹300	\$15
Research Scholars	₹500	\$25
Faculty Members	₹700	\$35
Industry Participants	₹1000	\$50
Attendees Only (Without Presentation)	₹150	\$8

To register, please fill out the following form:

<https://forms.gle/xG3BuN8d5p2yT5Uk8>

