



# Building Sense: Sustainable Building Policies, Practices and Performance

Training programme of Centre for Science and Environment

24<sup>th</sup> – 26<sup>th</sup> August, 2016



## ABOUT THE COURSE

Centre for Science and Environment's Sustainable Building and Habitat Programme is organizing "Building Sense", a certificate course on sustainable buildings, from 24<sup>th</sup> to 26<sup>th</sup> August, 2016. The programme aims to enable participants to adopt a common sense approach to green buildings, one that blends traditional wisdom with modern science.

The itinerary includes more than 15 sessions including classroom lectures, site visits, group exercises etc. The course would cover an array of aspects which explore real sustainability by deconstructing the green building sector; design, technologies and equipment options for energy efficient buildings; intelligent water management; emerging building related policies and regulations and more. The nuances of these aspects would be elaborated through case studies and examples from across the country. To enable rooted learning across the table, the participants would be presenting and sharing their learning and perspectives based on the visits and lectures.

The interactive modules are designed to encourage participants to acquire a 360 degree understanding and hands-on experience to look for their own solutions for designing better buildings. The programme will be conducted by eminent architects, energy and building experts and CSE professionals.

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## ELIGIBILITY

This course is open to students, young professionals, academicians, NGO's and researchers from field of environment, engineering, architecture & planning.

## COURSE FEES

₹9,500/- for professionals.  
₹8,000/- for academicians, NGO's and researchers.  
₹5,000/- for students.

This includes course material, lunch, beverage breaks, field visits and one year free subscription for Down To Earth science and environment fortnightly magazine.

Accommodation can be made nearby the training centre, would incur extra charges.

## DISCOUNTS

10% on course fee for participants (Up to 15<sup>th</sup> July, 2016) Additional 10% for group registrations (four or more participants applying together).

## PROGRAMME SCHEDULE

**Date:** August 24<sup>th</sup> - 26<sup>th</sup>, 2016  
**Timing:** 10.00 am to 6:00 pm  
**Venue:** Centre for Science and Environment  
38, Tughlakabad Institutional Area  
New Delhi- 110 062

## HOW TO APPLY

The course fee should be paid in advance by demand draft/cheque in the name of **CENTRE FOR SCIENCE AND ENVIRONMENT** payable at New Delhi. Registration form can be obtained from the contact given and can be posted/faxed to CSE.

**LAST DATE FOR APPLICATION**  
**August 5<sup>th</sup>, 2016**

## COURSE OUTLINE

### DAY 1

#### SUSTAINABLE DEVELOPMENT: BUILDING POLICIES, CODE AND REGULATIONS

**Green building's environment connection:** A big picture  
**National Building Code:** A new approach to Sustainability  
**Energy Conservation Building Code:** Towards performance based approach  
**EIA for buildings and townships:** Making it deliver on sustainable principles  
**Affordable housing:** Policy and practice in India  
**Hands on exercise:** Assignment discussion

### DAY 2

#### AGENDA FOR CHANGE AND ACTION: SUSTAINABLE DESIGN AND TECHNOLOGIES

**Sustainable architecture:** Learning through design principles and case studies  
**Building technologies:** Green materials and high performance envelope  
**Energy efficient technologies:** HVAC and lighting  
**Operational efficiency:** Ground realities of operational energy in buildings  
**Water efficient technologies:** Rain water harvesting and water efficient fixtures  
**Let there be sun:** Basics of solar energy use  
**Green rating:** Assessment of green rating of buildings  
**Movie:** Film on net zero buildings

### DAY 3

#### THE WAY AHEAD: FIELD TRIP & BUILDINGS' WASTE

**Resource efficiency:** Construction and demolition waste  
**Excreta matters:** Waste water treatment techniques and management in buildings  
**Waste management:** Solid and hazardous waste management practices in India  
**Green building tour of CSE:** Visit to DWWT and RWH system in CSE  
**In search of sense:** Site visit to green building in Delhi-NCR  
**Class room exercise:** Group presentations on classroom exercise

## FOR DETAILS AND REGISTRATION

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