

National Training Programme on
**Sustainable Building Services Design to
Mitigate Anthropogenic Hazards**

26-27th February, 2011



For more details please contact:

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Organized by



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Sponsored by



Ministry of New & Renewable Energy
Government of India
New Delhi

The Centre of Excellence for Disaster Mitigation and Management at IIT Roorkee is organizing a **training programme on Sustainable Building Services Design to Mitigate Anthropogenic Hazards** during 26th and 27th February, 2011.

The Centre of Excellence for Disaster Mitigation & Management at Indian Institute of Technology is established on March 2006 to impart education and training programme to the students to enhance their understanding of natural/ man-made hazards. The content of this training programme primarily involves the understanding of sustainable design strategies of building services to deal with anthropogenic hazards. Building and allied services consume & pollute natural resources like water, soil and air; and generate waste. Building Services consume not only non-renewable energy in large quantity for operation, but also results in huge amount of green house gas emission. To curb the impact of human intervention in modern built environment, sustainable design of the same is necessity. This needs to be addressed through formulation of suitable mitigation measures including capacity building. The proposed training programme has been planned as **capacity building of the professionals to mitigate anthropogenic hazards.**

The **students, research scholars and faculty members** from different specializations e.g. Architecture/ Civil/ Electrical/ Mechanical Engineering and Alternative Hydro Electro Centre are the target participants of the training. Expert resource persons with Professional experience will be involved in this programme.

REGISTRATION FEES:

For Students/Research Scholar/Faculty of IITRoorkee **Rs. 500/-**

For Others **Rs. 1,000/-**

DATES:

Last date of Registration: **21st February 2011**

Training Programme duration: **26-27th February 2011**

Registration Form

(Kindly fill all details in capital letters)

1. Full Name :
 2. Department :
 3. Designation :
 4. Address (Hostel/Home) :
 5. Mobile :
 6. Email :
 7. Payment Mode (Cash/DD):
- DD No.....Date/...../..... Bank Name:

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PROGRAMME SCHEDULE

Saturday, 26th February, 2011

- 09:00-09:30 hrs. Inaugural Programme & Tea
- 09:30-11:00 hrs. Introduction to Building Services and Anthropogenic Hazards
- 11:30-13:30 hrs. HVAC and its optimum design
- 13:30-14:30 hrs. Lunch
- 14:30-16:30 hrs. Illumination – Daylighting and Artificial Lighting
- 17:00-19:00 hrs. Plumbing design- sustainable concept in water supply and drainage system
- Introduction of “**Survey Tutorial**”
- 20:00 Dinner

Sunday, 27th February 2011

- 09:30-11:00 hrs. Ratings to evaluate performance of Building services
- 11:30-13:30 hrs. Energy analysis and Building services
- 13:30-14:30 hrs. Lunch
- 14:30-16:30 hrs. Consultants' role in energy efficient building
- 17:00-19:00 hrs. Tutorial Presentation followed by Valedictory Function