

INFORMATION BROCHURE

SERC School on Natural Disaster Management

December 16 to 27, 2005

A Multidisciplinary School

Organised by



*Indian Institute of Technology, Delhi
&
Amal Jyothi College of Engineering, Kerala*



*Venue
Indian Institute of Technology
Hauz Khas, New Delhi-110016*

*Sponsored by
Department of Science and Technology
Government of India*

Webpage : <http://www.iitd.ac.in/ndm2005/>

BACKGROUND

In the Indian subcontinent, increasing occurrence of natural disasters (a term which means a natural calamity causing substantial injuries, death, economic and environmental losses) cause havoc in socio-economic and environmental spheres. Scientific management of such natural disasters to contain damage and minimize impact has become a primary concern of the scientific community of the country. It is in this background that the Department of Science & Technology, Govt. of India has taken an initiative to conduct a SERC School on Natural Disaster Management.

OBJECTIVES

- ❖ To empower scientists, technologists and disaster managers through awareness and transfer of knowledge as well as skill towards preparedness and management of disasters (pre, during and post). This will include:
 1. Forecasting the Natural Disaster
 2. Disaster Preparedness
 3. Impact Minimization : Strategies and Measures
 4. Approaches for Speedy Recovery towards Normalcy
- ❖ To identify deficiencies in the present knowledge on tackling the above and related issues and suggest R&D programs to be taken up.

TARGET GROUPS

- ❖ Scientists and Technologists from Universities, Colleges, R & D Laboratories as well as disaster managers in various Government Departments
- ❖ Volunteers, Social Workers, involved in helping the victims of Natural Disasters as well as in eco-restoration of the devastated areas, environment and ecology
- ❖ The number of participants (delegates) will be limited to 30, to be selected from Northern India

DURATION

12 days. The SERC School commences on 16th of December 2005 and ends on 27th of December 2005.

VENUE

Committee Room of the National Resource Centre for Value Education in Engineering, Room No. 401, 5th Block, IIT Delhi, Hauz Khas, New Delhi-110⁰16

SCOPE OF THE SERC SCHOOL

This SERC School is exclusively devoted to the subject of Disaster Management. The course content of the School comprises 6 Modules to be covered in 12 days. The first module will cover basic principles and strategies of disaster management, which are common to all types of Natural Disasters. The subsequent Modules will cover a specific type of Natural Disaster, as indicated below :

- Module A : Core Program
- Module B : Floods
- Module C : Landslides
- Module D : Drought
- Module E : Earthquakes
- Module F : Cyclones

Subject to the availability of time, an attempt will be made to expose the delegates to Tsunami also.

COORDINATORS

- Prof Santosh Satya
Head, Centre for Rural Development & Technology,
IIT, Hauz Khas, New Delhi-110016
Tel : 011-26 59 62 51 Email : ssatya@rdat.iitd.ac.in
- Dr P Basak
Director , Amal Jyothi College of Engineering, Kanjirapally, Kerala
Email : pbasak@eth.net
- Dr VM Chariar
Centre for Rural Development & Technology, IIT, Hauz Khas, New Delhi-110016
Tel : 011-26 59 63 58 Email : chariarv@rdat.iitd.ac.in

The application form for registration should be sent by fax to 011-26 59 11 21 (Kind Attn Dr V M Chariar) **and** by email to chariarv@rdat.iitd.ac.in and akomalam@yahoo.com.

DELEGATE-RELATED INFORMATION

- Number of delegates will be limited to 30 and primarily they will come from North India with minimum qualification of BE / BTech/ MSc / MBA.
- There is no registration fee for the program. Delegates will be provided boarding and lodging at IIT Delhi. Travel expenses of delegates limited to bus fare / second-class train fare will be reimbursed. Auto, taxi and rickshaw fares would not be reimbursed.
- An application format for registration is enclosed.

IMPORTANT DATES

- The last date of receiving the completed application form for registration is **Dec. 1, 2005**.
- The application form for registration should be sent by fax to 011-26 59 11 21 (Kind Attn Dr V M Chariar) **and** by email to chariary@rdat.iitd.ac.in and akomalam@yahoo.com.
- Selected delegates will be intimated by Email or Fax by **Dec. 6, 2005**
- Delegates are to report at IIT Delhi (Center for Rural Development and Technology) at 8:00 AM on **Dec. 16, 2005**
- The SERC School will conclude by 6 PM on **Dec 27, 2005**

ADVISORY COMMITTEE

Prof Surendra Prasad, Director, IIT Delhi (Chairperson)
Dr D K Sankaran, Secretary, Disaster Management, Govt. of India, New Delhi
Dr PS Rana, CMD, HUDCO
Dr PG Dhar Chakrabarti, Executive Director, NIDM, New Delhi
Prof DV Singh, Former VC, University of Roorkee
H E Rev Mar Mathew Arakkal, Chairman, BOG, Amal Jyothi College of Engineering, Kerala
Prof R Chattopadhyay, QIP Coordinator, IIT Delhi
Prof KG Sharma, Head, Dept of Civil Engg, IIT Delhi
Prof Maithili Sharan, Head, Centre for Atmospheric Sciences, IIT Delhi
Dr P Basak, Director, Amal Jyothi College of Engineering, Kerala
Prof Santosh Satya, Head, CRDT, IIT Delhi (Convenor)

ORGANISING COMMITTEE

Prof A K Jain, Dept of Civil Engg, IIT Delhi (Chairperson)
Maj S Chatterjee, Adviser in the O/o Principal Scientific Advisor to Govt of India
Shri SS Kohli, Scientist F, SERC, Department of Science & Technology
Brig P K Bhatnagar, Secretary, The Creative Centre for Rural Development, New Delhi
Col Rajendra Singh, Registrar, IIT Delhi
Prof R C Maheshwari, CRDT, IIT Delhi
Prof Rajendra Prasad, CRDT, IIT Delhi
Prof Santosh Satya, CRDT, IIT Delhi
Dr P Basak, Director, Amal Jyothi College of Engineering, Kerala
Mrs Komalavalli Amma, Principal, Amal Jyothi College of Engineering, Kerala
Dr Anushree Malik, CRDT, IIT Delhi
Dr V M Chariar, CRDT, IIT Delhi (Convenor)