

# SUMMER TRAINING ON ENGINEERING INPUT REQUIRED FOR DISASTER MITIGATION & MANAGEMENT FOR UNDER GRADUATE ENGINEERING STUDENTS

UNDER THE AEGIS OF INDIAN NATIONAL ACADEMY OF ENGINEERS (INAE)

## INTRODUCTION

India has been experiencing major natural disasters and many lives and property have been lost. These natural disasters have made huge social disruption and retarded the progress. India has been coping disasters providing relief and rehabilitation. It is now responding proactively and disaster mitigation has also become an integral part of Disaster Management. Many important Disaster Mitigation programs have been initiated by the government like mandatory implementation of building bye-laws, capacity building of engineers, retrofitting of life line buildings etc. This has resulted in huge demand for Disaster Mitigation and Management personnel in the country. The CENTRE at the Indian Institute of Technology Roorkee is ready to provide the lead by initiating a much needed training in Disaster Mitigation Engineering which will mainly address the engineering solutions to the disaster mitigation problems.

Indian Institute of Technology Roorkee, Roorkee (formerly University of Roorkee) is the oldest engineering institution in the country and has been actively engaged in research in many areas of natural disasters and their mitigation such as earthquakes, wind storms, floods and landslides. Work in these fields is essentially being carried out in various departments of the Institute such as Department of Civil Engineering, Earthquake Engineering, Earth Sciences and Hydrology. A training course in Disaster Mitigation Engineering will generate required interest in this emerging area to the undergraduate students of Engineering.

## CENTRE OF EXCELLENCE IN DISASTER MITIGATION AND MANAGEMENT

The Centre of Excellence in Disaster Mitigation and Management was established at IIT Roorkee in March 2006 to initiate multidisciplinary studies & national capacity building in Disaster Mitigation Engineering. The CENTRE is devoted to human resource development; R & D activities leading to Ph.D degree; disseminates technical knowhow; provides extension services; evolves strategies for mitigation and management of disasters and establish a national database for rapid dissemination of information and knowledge.

## SUMMER TRAINING IN DISASTER MITIGATION ENGINEERING

There is a great need to provide trained engineers and scientists in the country to meet the national needs with regard to mitigation & management of disasters. This specialized summer training and education in disaster mitigation will help in tackling the problem with engineering solutions. Candidates interested to join the program should have either completed IInd or IIIrd

year of Bachelor's Degree of Civil Engineering from any recognized Institution in the country. The training is proposed to be organized during June 1-30, 2010 for about 25 students of B.E./B.Tech. Civil II<sup>nd</sup> & III<sup>rd</sup> year. Other branches of Engineering contributing to Disaster Mitigation and Management may also be considered, if there are enough students in that stream. The CENTRE will provide the necessary infrastructure and facilities for the training.

## **HOW TO APPLY**

Interested II or III yr engineering students who wish to undertake this training may apply to the following address. The application should be forwarded by Head of the Department of the Institute or a Senior Professor of the Institute. The application of the student should reach the following address before **May 17, 2010.**

## **SELECTION**

The students will be selected among the applications received upto May 17, 2010 based on their academic performance and the Institution. Not more than 3 students will be admitted in the training course from one Institute.

## **BOARDING AND LODGING**

The students will be provided suitable HOSTEL accommodation. Girl students will be provided separate accommodation in girl's hostel. The arrangement for meals will be made in the student MESS. Students have to abide the rules and regulation of the Institute.

*Contact Address*

***Dr. D.K. Paul, FNAE***

*Professor and Head*

*Centre of Excellence in Disaster Mitigation and Management*

*IIT Roorkee, Roorkee, 247 667*

*Uttarakhand*

*Tel: 01332 285401/ 286616*

*Fax: 01332 286617*

*Email: [coe\\_dmm@iitr.ernet.in](mailto:coe_dmm@iitr.ernet.in)*

*Web : [www.coedmm.org](http://www.coedmm.org)*

# APPLICATION FORM

*For Participating in*

SUMMER TRAINING COURSE IN DISASTER MITIGATION & MANAGEMENT FOR  
UNDER GRADUATE ENGINEERING STUDENTS  
UNDER THE AEGIS OF INDIAN NATIONAL ACADEMY OF ENGINEERS (INAE)

1. Name of Student
2. Name and Address of  
Institution/University-
3. Discipline and Year-
4. Address

Recent  
Photograph

Tel:  
Mob:  
E-mail Id:

5. Academic Record of Student

Level	Name of the Institution	Year of Passing	Marks Obtained	
Class X				
Class XII				
B.Tech				

I have provided all correct information. I will not indulge in any unpleasant incident and abide by all rules and regulation during my stay at IIT Roorkee.

Signature of the Engineering Student

Signature  
Head of Institution/ Senior Professor