

# SIXTH COURSE ON APPLICATION GEOINFORMATICS FOR DISASTER MANAGEMENT

## ANNOUNCEMENT

Geological Survey of India, Training Institute (GSITI), in collaboration with ISRO, proposes to conduct the 6th Course on Application of Geoinformatics for Disaster Management for four weeks from 1 December 2009 to 31 December 2009 at Hyderabad. The course will be covered in three modules, viz. (i) Remote Sensing, Digital Image Processing, Digital Photogrammetry; (ii) Geographic Information System and (iii) Application of Geoinformatics in Disaster Management. The course content includes the following:

- Overview of environmental disasters: causative factors, manifestations, analyses
- Study of various environmental disaster – recognition, mapping, zonation, etc., landslides, earthquakes, cyclones, floods, mining hazards, soil and forest disaster
- Application of Remote Sensing and GIS
- Generation of DEM from aerial photographs, Cartosat 1 Stereo Imagery and ALTM data
- Case studies on individual disaster like landslides, earthquakes, cyclones, floods, mining hazards and drought
- Project work

The training will be imparted using state-of-the-art image processing and photogrammetry, and GIS software like LPS and Arc GIS.

The Course is targeted for geoscientists of State/Central Govt organizations, State Remote Sensing Centres, Research scholars/Faculty of Universities and Officers of ITBP/BSF/Army. The candidates should be postgraduate in Geology/Geography/Geophysics/Geoinformatics or equivalent degree in the relevant field. Participants who are familiar with using Remote Sensing and GIS techniques will be preferred. There is no course fee. Limited fellowships are available. Modest hostel facility is available in the GSI campus.

Interested candidates may send in their application with the following details: (1) Name of the sponsoring organization, (2) Name, (3) Designation, (4) Sex, (5) Date of Birth, (6) Academic qualification, (7) Area of specialization and professional experience, (8) Relevance of training to your present job, (9) Computer background and (10) Address for communication including e-mail ID, land and mobile phone number and FAX number.

**Consent letter:** This is to recommend and forward the application of Dr/Shri/Ms \_\_\_\_\_ of this Department for the Sixth Course on '**Application of Geoinformatics for Disaster Management**' to be conducted by GSI Training Institute, under NNRMS programme sponsored by Indian Space Research Organization from 1 December 2009 to 31 December 2009.

Place:

Date:

(Signature of Sponsoring Authority)

The completed applications may be sent to the **Dy. Director General**, GSITI, GSI Complex, Bandlaguda, Hyderabad 500 068 on or before **15 October 2009**. Attention: Director, PGRS Division (Ph: 040-2422 0681, Fax: 040-2422 0680, e-mail: ddggsiti@gmail.com). For more details please visit the GSI website [www.gsi.gov.in](http://www.gsi.gov.in)