

# FOURTH COURSE ON APPLICATION OF GEOINFORMATICS FOR DISASTER MANAGEMENT

## ANNOUNCEMENT

Geological Survey Of India (GSI) Training Institute in collaboration with ISRO proposes to conduct a training course on '**Application of Geoinformatics for Disaster Management**' from 28 April 2008 to 30 May 2008, at Hyderabad. The Course will cover three modules, viz.: (i) Fundamentals of Remote Sensing, (ii) Introduction to GIS, and (iii) Application of Geoinformatics in Disaster management. The course content includes:

- Overview of environmental disasters
- Overview of natural disasters: causative factors, manifestations, analyses
- Study of various environmental disasters – recognition, mapping, zonation, etc.; landslides; earthquakes; cyclones; floods; mining hazards; soil and forest disasters
- Application of remote sensing for disaster management
- Application of Geoinformatics in disaster management – Generation of DEM from 1:25000 or larger scale topographic maps, ALTM, CARTOSAT & SAR data
- Management – mitigation measures, prioritization, etc.
- Case studies on individual disasters, and
- Project work.

The Course is targeted for geoscientists of State/Central Govt organizations, State Remote Sensing Centres, Institutes of disaster management, Faculty of Administrative Staff Colleges and University, Officers of Border Security Force/Army. Candidates should be postgraduate in Geology/Geography/ Geoinformatics or graduates in Civil Engineering, Environmental Engineering or should have equivalent degree in the relevant field. Candidates who are familiar with using Remote Sensing & GIS techniques will be preferred. **There is no course fee. For those who are not employed, fellowships are available to the extent of covering 2nd class return fare and living expenses in Training Institute Hostel.** No leave will be permissible during the training.

Interested candidates may send in their application with the following details: (1) Name of the Organization/Institute/University; (2) Name of the Candidate; (3) Designation; (4) Sex; (5) Date of Birth; (6) Academic qualification; (7) Area of specialization & professional experience; (8) Relevance of training to the present job; (9) Computer background; (10) Address for communication including phone/mobile number.

**Certification from parent organization:** This is to recommend and forward the application of Dr/Shri/Ms \_\_\_\_\_ of this Institute/Department for the '**Second course on Application of Geoinformatics in Disaster Management**' to be conducted by GSI Training Institute, from 28 April 2008 to 30 May 2008 under NNRMS programme sponsored by Indian Space Research Organization.

Place:

Date:

(Authorized signatory)

The completed applications may please be sent by **15 March 2008** to the **Dy. Director General**, GSI Training Institute, GSI Complex, Bandlaguda, Hyderabad 500 068 (Ph: 040-24220681, Fax: 040-24220680, E-mail: hyd2\_gsitihyd@sancharnet.in). For more details please visit the GSI website [www.gsi.gov.in](http://www.gsi.gov.in)