

# SECOND 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 in Disaster Management**' for one month from **8 June 2006 to 7 July 2006**, 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 and cartography
- Application of Geoinformatics in disaster management – Generation of DEM from 1 : 25000 or larger scale topographic maps, ALTM, CARTOSAT and 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. Limited fellowships are available. Hostel facility is available in the GSI campus. 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 and professional experience (8) Relevance of training to the present job (9) Computer background (10) Address for communication.

**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 **8 June 2006 to 7 July 2006** under NNRMS programme sponsored by Indian Space Research Organization.

Place:

Date:

(Authorised signatory)

The completed applications may please be sent by **5 May 2006** to the Dy. Director General, GSI Training Institute, GSI Complex, Bandlaguda, Hyderabad 500 068 (Ph-040-24220681, Fax: 040-24220680, E-mail: [hyd2\\_gsithyd@sancharnet.in](mailto:hyd2_gsithyd@sancharnet.in)). For more details please visit the GSI website [www.gsi.gov.in](http://www.gsi.gov.in)