

**Workshop/Lecture Course on Broad Band Seismology**  
**8–28 January 2001**  
**National Geophysical Research Institute, Hyderabad 500 007**

**Objective:**

To generate scientific capabilities in mathematical and computational seismology in the country to harness the creative intellectual energy in abstracting all possible information content from the newly created facility in observational seismology by DST through a network of digital Broad Band seismographs.

The workshop shall consist of lectures as well as hands on training on the processing and modelling/inversion softwares. These computer codes would be provided to participants.

**Workshop/lecture course module:**

1. Workshop Perspective 2. Signal Analysis 3. Inverse Modelling 4. Theoretical Seismology 5. Seismogram synthetics/inversion/interpretation 6. Use of Seismic Application Code (SAC) 7. Guest lectures on allied topics.

**Participation is restricted to only 15 candidates.**

All outstation participants will be provided travel support maximum up to 1st class/3-tier AC train fare and admissible DA.

Candidates should have Master's degree in Geophysics/Physics/Mathematics with research aptitude and involvement in seismological research as indicated by his/her research contribution. They should have adequate knowledge in mathematics, seismology and computer programming. Selection of participants will be made on the basis of the details provided by the applicants in the proforma, which should reach the Course Co-ordinator on or before 15 November 2000.

**Proforma:**

1. Name
2. Date of Birth
3. Affiliation
4. Address
5. Educational qualification
6. Experience
7. Research Publications, if any
8. Signature of candidate
9. Recommendation of the Head of the Department/Institution.

**Mail/fax to:**

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