Training course on Role of Mathematical Modeling in Groundwater Resources Management (Under DST Schools on Mathematical modeling in Earth System Sciences Program) during 13–23 December 2004 at National Geophysical Research Institute, Uppal Road, Hyderabad 500 007.

Aim: The technique of the mathematical modeling plays an important role in the assessment, development, and management of groundwater resources. In recent past powerful mathematical modeling techniques have been developed and implemented to deal with groundwater problems. In this context there is an urgent need to train practising hydrologists in the field of mathematical modeling to handle groundwater management related problems efficiently. For this purpose a two weeks training course will be organized by National Geophysical Research Institute, Hyderabad. The topics covered in this course are: (1) Introduction to Groundwater systems; (2) Formulation of groundwater and solute transport processes; (3) Parameter identification using inverse techniques, pumping test analysis, well logging, geostatistical methods; (4) Analytical and numerical methods of solutions; (5) Hands-on practice on numerical modeling using various software packages; and (6) Appropriate field training.

Faculty: The faculty consists of experts from prestigious organizations/Institutions.

Eligibility: Post-graduate degree in Earth System Sciences Discipline or its equivalent/Ph.D. with some teaching/research experience on the same discipline is necessary for participation in the programme. Maximum age of 35 years should be considered for participation under this programme. In case of SC/ST and women applicants, five years of age relaxation are applicable. Selection of the participants will be made through duly constituted committee by the concerned nodal agency including a DST nominee as one of the members of the Committee.

Grants: TA/DA (limited to AC 3 tier) will be provided to selected outstationed participants as per CSIR/DST norms.

Application format: Name; Date of Birth; Organization; Designation, Pay Scale with Basic Pay, Corresponding Address including email; Educational qualification; Research/teaching experience; Publications; Signature of the candidate with date.

Applications in the prescribed format forwarded through proper channel, must reach Dr S. N. Rai, Course coordinator (e-mail: snrai@ngri.res.in; Tel.: (040) 23434626; Fax: (040) 27171564), latest by 8 October 2004.

Anna University
Courses In Bioinformatics
AU-KBC Research Centre
MIT Campus of Anna University, Chennai 600 044

A series of Certificate Courses in Bioinformatics are planned during September–October 2004. The titles are:

1. **BIOINFORMATICS TOOLS AND DATABASES**
   Date: 8.9.2004 to 11.9.2004 (4 days)

2. **DRUG DISCOVERY AND DEVELOPMENT THROUGH BIOINFORMATICS**
   Date: 21.9.2004 to 25.9.2004 (5 days)

3. **BIOINFORMATICS CERTIFICATE PROGRAMME**
   Date: 5.10.2004 to 9.10.2004 (5 days)

Applications are invited from interested Life Science Scientists/Medicine/Pharma, Bioinformatics and Biotech Industry people/PDF's/Ph.D. scholars/Graduate and Postgraduate students in Science, Engineering and Technology.

For registration and further details see web site: www.au-kbc.org

Director
AU-KBC Research Centre