Sensitization Training on "Bioinformatics Tools and Resources in Fisheries Research" (24-28th Jan, 2011)

About NBFGR

The National Bureau of Fish Genetic Resources established in 1983 has emerged as a Center of Excellence in cataloguing and conserving aquatic bioresources of India. The Bureau has been promoting database development, genotyping, registration of aquatic germplasm, gene banking and evaluation of endangered and exotic fish species. The Bureau has been identified as a collaborating institute to collect and compile the fish genomic information for establishing datawarehouse for fisheries domain under National Agricultural Bioinformatics Grid (NABG).

About National Agricultural Bioinformatics Grid

A National Agricultural Bioinformatics Grid of six National Institutes working in different domains viz. Crops, Animals, Fisheries, Insects and Agricultural Microbes will be established under the aegis of CABin (Centre of Agricultural Bioinformatics). The CABin located at Indian Agricultural Statistics Research Institute, New Delhi has been set up with the aim to bridge gap between genomic information and knowledge, utilizing statistical and computational sciences to develop partnerships among national and international organizations and to establish functional linkages among researchers and scientists in the field of Bioinformatics.

Objectives of Sensitization training under NABG

- To disseminate awareness among the scientist about the application of bioinformatic resources on biological data.
- To promote inter-disciplinary research groups with focus on fish computational research.
- To catalyze new ideas and initiatives by the brainstorming lectures delivered during the sessions.

Course content of Sensitization Training

- Sequence (nucleotide and protein) analysis.
- Phylogeny prediction and computational evolutionary biology.
- Genome annotation and gene prediction.
- Database approaches, data mining and analytical tools.
- Comparative and functional genomics.
- Application of computational skills in Bioinformatics.

Date of Training	Jan. 24-28th. 2011.
Venue of Training	NBFGR, Lucknow.
Theme	Sensitization of the participants with the existing bioinformatics tools, techniques and skills.
Eligibility	Scientists/ researchers/ faculty members from NARS system and conventional Universities working in area of biological sciences and bioinformatics.
Total Participants	25

How to apply
Eligible candidates from ICAR/ SAUs/ Conventional Universities may apply using the prescribed application form (available at the end of the brochure) along with short biodata on or before January 12th, 2011. Selected candidates will be informed regarding their participation through email.

For further query please contact

Director,
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Dr. Mahender Singh, Scientist (Sr. Scale)
Co PI-NABG and Co-ordinator,
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APPLICATION FORM

*Research Institute: ---

*Name of the Applicant: ---

*Designation: ---

*Official address: --

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*Telephone No: ---

*Mobile No: ---

*E-mail address: ---

*Area of research: ---

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*Bioinformatics Related Experience : ---

* Fields are mandatory.

 Date: Signature of Applicant

INSTRUCTIONS TO CANDIDATES

- The complete application should be emailed to mahender@scientist.com latest by 12 Jan, 2011.
- The applications should be submitted through proper channel. Training details will shortly be available online at: http://www.nbfgr.res.in/.
- Only limited provision for TA (as per ICAR/ NAIP norms) is available.
- Food & accommodation will be provided by the organizers.