How to apply

Eligible candidates from ICAR/ SAUs/ Universities may apply in the prescribed application form available in the brouchure along with brief biodata on or before October 7, 2012.

How to reach

The campus of NBFGR is located 6 kms from Charbagh Railway Station and 7 kms from shri. CC Singh, Amausi Airport, both of which are well connected with Auto/Taxi services etc. Kindly avail perpaid Auto/Taxi for reaching NBFGR.

Weather conditions

During November-December, weather in Lucknow is pleasant with temperature around 15-20^{0}C, and is an ideal season to visit the city. The participants are requested to carry warm clothes for comfort.

Contact:

For further query please contact

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हर कदम, हर डगर
किसानों का हमसफर
भारतीय कृषि अनुसंधान परिषद
Agresearch with a human touch
ICAR

Training Programme
on
Tools for Functional
and
Comparative Genomics in Fisheries Domain

November 27 to December 7, 2012

Sponsored by

National Agricultural Innovation Project

(National Agricultural Bioinformatics Grid)

Indian Council of Agricultural Research

राष्ट्रीय मत्स्य आनुवंशिक संसाधन ब्यूरो
NATIONAL BUREAU OF FISH GENETIC RESOURCES

National Bureau of Fish Genetic Resources
Lucknow- 226002

About the Training Programme

The completion of human genome project and sequencing projects of other model organisms resulted in generation of vast array of the genomic and proteomic data. The requirement of handling this data to derive meaningful results gave rise to the discipline of bioinformatics. Bioinformatics amalgamates the knowledge of computers, molecular biology information, statistical concepts and mathematical principles to draw important inferences of the ongoing life processes. With the objective to spread awareness and disseminate bioinformatics concepts among the research community National Agricultural Innovative Project (NAIP), ICAR sanctioned a mega project 'Establishment of National Agricultural Bioinformatics Grid in ICAR' and National Bureau of Fish Genetic Resources (NBFGR), Lucknow has been recognized as a nodal centre of Fisheries Domain. NBFGR takes the opportunity to organize a training programme on 'Tools for Functional and Comparative Genomics in Fisheries Domain' to make researchers acquainted with fish bioinformatics. This training will also provide knowledge about the recent trends of bioinformatics research and help to understand application of tools and softwares for management and analysis of fish genome data.

About NBFGR

The National Bureau of Fish Genetic Resources established in 1983 has emerged as a Center of Excellence in cataloguing and conserving aquatic bio-resources of India. The Bureau has been promoting database development, genotyping, registration of aquatic germplasm, genebanking and evaluation of endangered fish species etc. It has developed modern laboratories with state-of-art facilities for genomic and proteomic research, gene bank, cell culture repository and DNA Bar-coding etc. It has also been identified as a collaborating institute to collect and compile the fish genomic information for establishing data warehouse for Fisheries Domain under NABG.

Objectives of the Training

◆ To acquaint the participants with the scope and application of Bioinformatics in Fisheries domain.
◆ To impart hands on training on important bioinformatics software and tools.

Eligibility

Scientists/researchers/faculty members from NARS system and conventional Universities working in area of biological sciences and bioinformatics.

Number of participants: 25
Last date for receipt of nomination: October 7, 2012
Intimation to selected candidates: October 16, 2012

Course contents:
* Genomic databases
* DNA, RNA sequence analysis
* Sequence alignment
* Phylogenetic analysis
* Functional Genomics
* Genome sequencing in fishes
* Analysis and annotation of ESTs
* Programming Skills in Bioinformatics

Tools for Functional and Comparative Genomics in Fisheries Domain

APPLICATION FORM

Name of the Applicant: _____

Research Institute: _____

Designation: _____

Official address : _____

Telephone No : _____

Mobile No : _____

E-mail address : _____

Area of research : _____

Bioinformatics related experience : _____

Date   Signature of competent authority   Signature of Applicant

Instructions to participants:

☞ The complete application should be emailed to nabg.nbfgr@gmail.com latest by October 7, 2012 and a copy of the same to singhsp_singh1@rediffmail.com and mahender@scientist.com .
☞ The applications should be forwarded by competent authority of the respective Institute.
☞ The application form and other details are available at: http://www.nbfgr.res.in/.
☞ The selected participants will be paid TA/DA as per the NAIP norms (TA will be restricted to 2AC Rail fare).