



# **Partners Meet on Fish Bioinformatics Challenges and Opportunities**

**March 20, 2012**

**Organized by**



**National Bureau of Fish Genetic Resources  
Lucknow- 226002**

## About NBFGR

The National Bureau of Fish Genetic Resources established in the year 1983 has been emerged as a Center of Excellence in cataloguing & conserving aquatic bio-resources of India. The Bureau is promoting database development, genotyping, registration of aquatic germplasm, gene banking, valuation & evaluation of endangered and exotic fish species. Recently, the Bureau has been identified as one of the collaborating fisheries domain center to develop local databases and establish data warehouse under the project, Establishment of National Agricultural Bioinformatics Grid (NABG) in ICAR.

## About National Agricultural Bioinformatics Grid

The NABG has been initiated with the funding from National Agriculture Innovation Project (NAIP) for a period of two years (2010-12) for development of Agricultural Bioinformatics Grid for the country. The project is being implemented at five domain centers located at NBPGR, New Delhi, NBAIL, Bangalore, NBAGR, Karnal, NBAIM, Mau and NBFGR, Lucknow. The major objectives of NABG include- provision of high computational infrastructure to a network of Institutions, creation of local databases and bioinformatics data warehouse (BinDW) for genomic resources across species, and facilitation of bioinformatics analysis & functional annotation of genomic data to discover new genes and human resource development in agricultural bioinformatics. The establishment of NABG under the aegis of Centre of Agricultural Bioinformatics, Indian Agricultural Statistics Research Institute is aimed to: keep pace with the research and developments in agricultural bioinformatics at global level; bridge gap between genomic information and knowledge; utilize statistical and computational sciences to develop partnerships among national and international organizations; establish functional linkages among researchers and scientists in the field of Bioinformatics and capacity building for research and development in agricultural bioinformatics / agricultural biotechnology.

## Objectives of Partners meet under NABG

The objective of the Partners meet is to provide a comprehensive assessment of the opportunities and challenges of applications of bioinformatics in fisheries domain, while keeping in mind the major project policy goals in order to become the most competitive and dynamic knowledge based country in the world, capable of sustainable and enhanced growth in the frontier areas of fisheries. Following empirical discussions on bioinformatics are envisaged during the meet.

- ★ To elaborate and describe a comprehensive picture of modern bioinformatics tools and technologies in the cutting edge areas of fish bioinformatics.
- ★ To identify and evaluate required data and sources.

## Venue & Date

The Partner meet will be held on March 20, 2012 at NBFGR, Lucknow

## For further query please contact :

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Location of NBFGR in the Map of Lucknow City