

Lead Speakers

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Convener

Dr. B. K. Das, Director
 ICAR- Central Inland Fisheries Research Institute

Course Coordinators

Dr. B. P. Mohanty

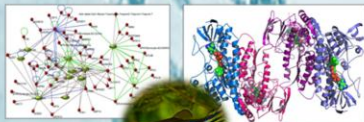
Dr. B. K. Behera

Contact

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International Workshop on Bioinformatics in Fisheries and Aquaculture

19-21 June, 2017



Preamble

Emergence and growth of Bioinformatics in the last few years is one of the landmark events in the history of biological sciences. Bioinformatics contributes the ability to compile, curate and process vast amount of biological data to accelerate knowledge discovery in life sciences. Thus, applicability and importance of Bioinformatics in life science research has received an unequivocal recognition world over. Bioinformatics has brought in a paradigm shift in the way in which modern biology is practiced and taught today. It has also opened up new horizons for research in life sciences.

About the workshop

- The meeting focuses on the advancement and exploration of the knowledge about modern trends in Bioinformatics viz. Computational Strategies, use of computers and informatics in understanding gene annotations, biomolecular interactions.
- The workshop would provide a great opportunity to budding scientists to share the knowledge and plan future strategies for modern drug research by intellectual interaction with the elite scientists of the country. It is anticipated that the workshop would unwrap new prospective for research in computer aided drug design and bioinformatics.

Eligibility

Scientists, RAS/ SRFs and other Scholars

Course Fees: ₹5000 (for Scientists & Faculty)

₹3000 (for Research Scholars)

How to Apply:

Applicants are requested to send their brief resume, along with registration form duly filled in with registration fee. The fee can be paid in form of Demand Draft/NEFT/RTGS Transfer. **A/C No. -11278716505** Demand Draft: In favour of "Secretary, Inland Fisheries Society of India" payable at State Bank of India, Barrackpore, Kolkata -700120, (IFSC Code : 00029).

Course content

- Bioinformatics introduction
- Bioinformatics in genomics and proteomics
- Database Search
- Protein structure prediction- homology modelling
- Protein-protein interaction network analysis
- GenBank Submission
- Proteome exchange (PRIDE) data submission
- Molecular docking
- Structure and ligand based drug designing.
- 1D and 2D image analysis
- MASCOT/MS-Fit
- Sequence alignment
- Gene annotation
- Next generation sequencing-data analysis

Registration form

International workshop on Bioinformatics in fisheries and aquaculture

19-21 June, 2017

Name:.....

Designation:.....

Organization.....

Address:.....

.....Pin.....

Mobile:.....

Email:.....

Accommodation required:.....

If yes: Duration:.....

From.....to.....

Payment details.....

I am enclosing one page write-up as to how this workshop would benefit me.

(Signature of participant)

Venue
 ICAR- Central Inland Fisheries Research Institute
 Barrackpore, Kolkata-700120

Organized by
 Inland Fisheries Society of India (IFSI),
 Barrackpore &
 ICAR- Central Inland Fisheries Research
 Institute, Barrackpore, Kolkata-700120