ICAR

National Symposium

on

Computational framework for genomics, proteomics and system modelling: Future Roadmap

On 2nd Feb, 2023

"Establishment of Centre for Bioinformatics and Computational Biology in Agriculture-BIC"

(Funded by DBT, Govt. of INDIA)

Organizing Secretary: Dr. Sunil Kumar

Division of Agricultural Bioinformatics (DABin)
ICAR-Indian Agricultural Statistics Research Institute
Library Avenue, PUSA, New Delhi - 110012
http://cabgrid.res.in/cabin/; https://iasri.icar.gov.in/

Super-Computing Facility (ASHOKA)

In the last decade, the institute has established a high performance computing facility ASHOKA with a 30 node Linux cluster with two master, 16 node windows cluster with one master and a 16 node GP/GPU cluster with one master. This facility is accessible to researchers through the National Agricultural Bio-computing Portal. As per the requirements of the scientists of NARES, number of important bioinformatics software programmes have been installed along with commercial software such as CLC Genomics, Blast2Go etc.

Introduction:

A National Symposium on Computational thinking Bioinformatics for genomics, proteomics and system modelling in current research scenario will be organized by ICAR-IASRI on 2nd Feb, 2023 in physical mode. This symposium focuses over the recent applications and developments of bioinformatics and computational biology in different omics areas. Symposium will provide an ideal platform to the participants to present their research work, interact, and disseminate ideas amongst the distinguished professionals, eminent scientists and researchers. To make the symposium a great success, the participation, support, and cooperation of everyone relevant to the field across India is very much essential. On behalf of the organizing committee of the symposium, we find immense pleasure to invite you to participate in this event.

About IASRI:

The Institute ICAR-IASRI started its journey as a Statistical Section in 1930 in then Imperial Council of Agricultural Research has grown to a premier Institute of relevance to conduct research and to develop trained manpower for Statistical Sciences (Statistics, Computer Applications and Bioinformatics) and their judicious fusion in agricultural sciences for enriching quality agricultural research and informed policy decision making. The Institute also conducts M.Sc. and Ph.D. degree courses in Agricultural Statistics, Computer Application and Bioinformatics in collaboration with PG School, ICAR-IARI, New Delhi. ICAR-IASRI provides advisory and consultancy services for strengthening the NARES and undertaking sponsored research and consultancy for national and international organizations. ICAR-IASRI also provides methodological support in strengthening National Agricultural Statistics System and has established linkages with State Departments of Agriculture and allied fields, other research institutions, industry, etc. It leads the development of Agricultural Knowledge Management Systems for National Agricultural Research and Education System (NARES).

Important Dates:

Registration and abstract submission starts : 02nd Jan 2023

Last date for registration and abstract submission : 25th Jan 2023

Online Registration Link : https://forms.gle/c7wQeYb3xRdxTMNfA

Registration fee includes Snacks & Tea, Lunch and Course Materials

Other Information

Weather: The temperatures in Delhi in February are comfortable with low of 12°C and high up to 25°C. Participants are requested to make their arrangements accordingly.

Accommodation: Regretted from organizer side, perhaps can be contacted for any help.

Aim and Scope of the Symposia

Bioinformatics and Computational Biology are indispensable component of genomics, proteomics and system modelling in current research scenario. The symposium will provide a platform to share the knowledge and expertise of distinguished speakers and resource persons in different areas of Genomics, Computational Biology, Data Science, and Systems Biology. It will be a great opportunity for academics and researchers to learn more about the fields of genomics and proteomics. It will open up opportunities for future research institutes to work closely together.

Authors are invited to submit an abstract for the symposium themes and topics for oral and poster presentation. Best oral and poster presentation award will be given in the valedictory session of the Symposium.

Registration Fees:
Students: 1000\- INR
Scientists\Faculty\Technical: 1500\- INR

Thematic Sessions

- **Session 1: Intelligence learning for analysis of biological data.**
- **Session 2: Advances in genomics and Proteomics data analysis**
- **Session 3: Modelling and visualization of biological data.**

Eligibility:

- The candidate should be a Scientific/ Faculty/ Technical/ Research scholars from the relevant field.

Application Form for National Symposium

1.	Name (in block letters)	:	
2.	Designation	:	
3.	Discipline	:	
4.	Age (in years)	:	
5.	Gender (Male/Female)	:	
6.	Category (General/OBC/SC/ST)	:	
7.	Address for Correspondence	:	
8.	E-mail Address	:	
9.	Telephone Number (Mobile)	:	
10.	Educational Qualifications	:	
11.	Present Employer's Address	:	
12.	State/Union Territory of Present	:	
13.	Date of Employment	:	
14.	Name of the research project where applicant is presently	:	
15.	Funding agency of the research project where applicant is employed	:	

Signature of the Applicant with Date

It is certified that information furnished above is correct.

Signature of PI / Recommending authority with date and seal

ICAR-Indian Agricultural Statistics Research Institute, Library Avenue, PUSA, New Delhi - 110012

Last date: Receipt of application - 25th Jan, 2023 ; Intimation to selected candidates - 28th Jan, 2023

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