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Associate Professor - Department of Botany
Coordinator - Biodiversity Informatics Programme
Jamal Mohamed College

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Assistant Professor of Botany
Mr. A. Mohamed Ashar Ali
Assistant Professor of Biodiversity Informatics

Important Dates

- Last Date of Registration : **15.12.2016**
Intimation of Selection List : **20.12.2016**

Contact Address:

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National Workshop on Data Science Research - Biological Data Management

23rd - 25th January 2017

Sponsored by



Department of Science and Technology
Government of India

DATA SCIENCE RESEARCH
SRS GLCF CATH NCBI ITIS
DiGIR IPNI ABCD SDS MaNIS
PDB OBIS Avi base Vernet
Darwincore FASTA
Fishbase RESEARCH IBP
SCOP TDWG Species 2000 GBIF SWISS-PROT
GenBank TAPIR BOLD EMBL
DDBJ

Organized by

Centre for Biodiversity Informatics
Department of Botany
JAMAL MOHAMED COLLEGE (Autonomous)

College with Potential for Excellence
Re-accredited (3rd cycle) with 'A' Grade by NAAC
(Affiliated to Bharathidasan University)
Tiruchirappalli 620 020. Tamil Nadu, India

The Jamal

Jamal Mohamed College (Autonomous), Tiruchirappalli, established in the year 1951, is an edifice for higher learning and a standing testimony to the wisdom and foresight of late Janab N. M. Khajamian Rowther & Janab M. Jamal Mohamed Sahib. The College has been serving as a beacon of light emphasizing teaching, learning and research programmes in different disciplines for the benefit of downtrodden and socially backward students of the society in general and Muslim minority in particular. Jamal Mohamed College is reckoned as one of the leading educational Institutions in India with excellent infrastructure, diversified courses, competent faculty members and very promising students. The College has been Re-accredited (3rd Cycle) with 'A' Grade by NAAC and recognized as College with Potential for Excellence by UGC. The College has been serving to the Society and the nation for more than half a century.

Department of Botany

The Department of Botany was started in 1967, upgraded to PG level in 1985 and elevated as research Department offering M. Phil and Ph. D. programme from 2002 onwards. The Department is well equipped to pursue research in Biodiversity, Ecology and Environment, Cyanobacteriology, Plant Tissue Culture, Plant Physiology and Biochemistry. The department is operating research projects to the tune of Rs. 80 lakhs. The department has so far produced 35 Ph.D. Degrees.

Centre for Biodiversity Informatics (CBDI)

Centre for Biodiversity Informatics (CBDI) was established with a vision to become acclaimed knowledge base for biodiversity information providing essential services and delivering benefits for people and to develop human resources to understand, acquire, integrate and analyse biodiversity data for effective management and conservation. CBDI is offering a Post Graduate Diploma programme on Biodiversity Informatics supported by University Grants Commission, Government of India under Innovative Programme.

About Workshop

Data science is an emerging discipline that combines computational, mathematical and statistical tools. Voluminous increase of biological data provides an excellent opportunity to extract, integrate, analyse and visualize relevant datasets to answer biological related issues and for decision making. This workshop will provide an opportunity to learn the data structure, database development, information retrieval, analytical tools, programming languages and research developments in the field of biological data science.

The participants will get focused on...

- ❖ Fundamentals in Data Science Research
- ❖ Biological Databases and Database development
- ❖ Biological and Biodiversity Data Standards
- ❖ Data mining of Text and Temporal Datasets
- ❖ Data analytics and visualization tools

Eligibility for participation:

Faculty members, Researchers, Professionals and PG students of Life Sciences and Computers Sciences.

Mode of selection:

First-come-first served basis.
Number of participants limited to 100.

Registration Details:

No Registration Fee. Duly filled in registration forms are to be sent to Organizing Secretary by speed post. Participants selected for the workshop will be intimated only by email. The participants will be provided with Programme kit, Refreshments and Working lunch.

Travel/Accommodation :

Prior intimation is necessary for accommodation. Shared free accommodation will be provided on first come first served basis to the outstation participants. No TA will be provided.

Pre-requisite:

Participants are requested to bring their laptop to participate in the programme.



DST sponsored National Workshop on Data Science Research - Biological Data Management



Registration form

23rd - 25th January 2017

1. Name : Dr./Mr./Ms. _____
2. Age : _____
3. Sex : Male / Female
4. Designation : _____
5. Institution/Organization : _____
6. Address for Communication : _____

PIN: _____
7. Mobile No.: _____
8. Email: _____
9. Why do you want to attend this training programme (2lines)

Signature of Participant

Forwarded by

Signature

Research Supervisor/Head of the Department with seal
Date: