APPLICATION FORM

1) Name:

2) Educational Qualification:

3) Institute/ Organization:

4) Designation:

5) Contact Address

6) Phone:

7) E-mail:

8) Background in life sciences:

9) Have you attended such workshop in past?
(please mention the title and period)

DEPARTMENT OF COMPUTER SCIENCE
Jamia Millia Islamia,
New Delhi-110025

Organizing Committee
Prof. K. Mustafa (Chair)
Dr. Suraiya Jabin (Convener)
Dr. Syed Zeeshan Hussain
Dr. Mansaf Alam
Mr. Zahiruddin
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WORKSHOP
on
Bioinformatics
Infrastructure & Frontiers
BIF'12

THEME
Research and Development
March 13-14, 2012

Organized by
Bioinformatics Insfrastructure Facility
DEPARTMENT OF COMPUTER SCIENCE
Jamia Millia Islamia
New Delhi-110025

Under the aegis of
DEPARTMENT OF BIOTECHNOLOGY
Govt. of India

Introduction

The history of computing in the field of biology goes back to the 1920s when scientists were thinking of establishing biological laws solely from data analysis by induction. However, only the development of powerful computers, and the availability of experimental data that can be readily treated by computation launched bioinformatics as an independent field. Nowadays bioinformatics has become a frontline applied science and is of vital importance, which facilitates to study the biology in a new way. The growth in full genomic sequencing, structural genomics, proteomics, micro-array etc. would be very slow without advancements in bioinformatics. It is an interdesiplinary area where computer science and information technology are applied to the field of biology and medicine. Bioinformatics mainly deals with algorithms, databases and information systems, web technologies, artificial intelligence and soft computing, information and computation theory, software engineering, data mining, image processing, modeling and simulation, signal processing, discrete mathematics, control and system theory, circuit theory, and statistics, etc. for generating new knowledge of biology and medicine, and improving & discovering new models of computation such as DNA computing, neural computing, evolutionary computing, immuno-computing, swarm-computing, cellular-computing.

Participation

This two-days workshop focusses on the current topic around the theme and the topic. Resources persons from NII, JNU, AIIMS, IIGEB and JMI are expected to deliver lectures followed by demonstration and hands on practice sessions, where participants will have an opportunity to interact and learn.

Who can apply?

Teachers, research scholars and post-graduate students in areas of life sciences, bioinformatics and those who are interested in the area of workshop theme.

How to apply?

Interested candidates may fill the prescribed application form and send as an attachment by e-mail to `bif.jmi@gmail.com`. The application is only accepted through email. The softcopy of the application form can be downloaded from website www.bifjmi.co.cc or www.jmi.ac.in. The selected candidates will be informed only by e-mail. The selected candidate may deposit the registration fee on the (e-mail) confirmation from the convener.

Registration Fee

₹ 300 (Three Hundred only)

The registration fee includes workshop kit and requisite hospitality. A participation certificate will be issued to all the participants, who attend all the sessions of the workshop. Selected candidates should submit a demand draft for registration fee in favour of "The Registrar, Jamia Millia Islamia" payable at "New Delhi" at the time of registration during the workshop.

IMPORTANT DATES

Last date for submission of application form
March 10, 2012

Intimation to participants
March 12, 2012

Submission of Registration Fee
March 13, 2012

NOTES

(1) Seats are limited to forty only (40). Candidates for participation will be selected on first come first serve basis.

(2) Accommodation facility is presently not available to the participants.