

## Invited Speakers

### **Prof. A. P. Dash**

Vice Chancellor - Central University of Tamil Nadu

### **Prof. G.P.S. Raghava**, Head, IIIT-Delhi

Dr. Suchita Ninawe, Advisor, DBT, Gol

Prof. T. P. Singh, AIIMS

Prof. B. Jayaram, IITD

Dr. Gulshan Wadhwa Dy. Director, DBT, Gol

Prof. Tahzeb Abidi, IIT Kharagpur

Prof. Indira Ghosh, JNU

Prof. Andrew M. Lynn, JNU

Prof. D. K. Lobiyal, JNU

Dr. Dinesh Gupta, ICGEB

Dr. Ethayathulla Abdul S., AIIMS

## Address for Communication

Convener: NWTB: GB2DE-2019

Department of Computer Science

Jamia Millia Islamia, Jamia Nagar, New Delhi-110025, India

Email: [nwtb@jmi.ac.in](mailto:nwtb@jmi.ac.in), [nwtb\\_papers@jmi.ac.in](mailto:nwtb_papers@jmi.ac.in)

Telefax: 011-2698001, extn: 3452,36

## Organizing Committee

### **Chief Patron:**

The Vice Chancellor, Jamia Millia Islamia

### **Patron:**

The Dean, F/O Natural Science, Jamia Millia Islamia

### **Chairman:**

Prof. SAM Rizvi, Professor and Head, Chair

### **Convener:**

Dr. Rafat Parveen, DCS, JMI ([nwtb@jmi.ac.in](mailto:nwtb@jmi.ac.in))

### **Advisory Committee:**

Prof. S. M. K. Quadri, Professor, Co-Chair

Prof. R. S. Chillar, HoD, DCSA, MDU

Prof M. N. Hoda, Director, BVICAM

Dr. Taran Singh Bharti, Assistant Professor, DCS, JMI

Dr. Munazzah Tasleem, Research Associate

Mr. Mudasir Ahmad Wani, Scholar Representative

Ms. Samiya Khan, Scholar Representative

Mr. Dinesh Sharma, Student Representative

### **Members:**

Prof. K. Mustafa, DCS, JMI

Prof. Monica Mehrotra, DCS, JMI

Prof. Masood A. Siddique, Head, Dept of Geography

Prof. Mohd. Hussain, Department of Biotechnology

Dr. Mohammad Nazir, DCS, JMI

Dr. Rajendra Kumar, DCS, JMI

Dr. Syed Zeeshan Hussain, DCS, JMI

Dr. Mansaf Alam, DCS, JMI

Dr. Suraiya Jabin, DCS, JMI

Dr. Jahiruddin, DCS, JMI

Dr. Khalid Raza, DCS, JMI

Dr. Israr Ahmad, DCS, JMI



## 9th DBT-BIF National Workshop on Translational Bioinformatics Guinness Book Recording to Digital Era-2019 ([NWTB: GB2DE-2019](#)) On 6-7 March 2019



Organized by  
Bioinformatics Infrastructure Facility Center  
Department of Computer Science  
Jamia Millia Islamia  
Under the aegis of



**DEPARTMENT OF BIOTECHNOLOGY**  
Ministry of Science & Technology

## About BIF Center

Bioinformatics Infrastructure Facility Center, Department of Computer Science, Jamia Millia Islamia, New Delhi.

Bioinformatics Infrastructure Facility (BIF) was established in Jamia Millia Islamia, New Delhi on September 22, 2006, under BITSnet scheme funded by the Department of Biotechnology, Government of India. Since its inception, the centre as an additional offshoot of the department has made significant progress through the support of DBT and the available infrastructure including human resources. The objective of the centre is the promotion of biology 'teaching and research' through bioinformatics scheme of BITSnet, undertaking exhaustive steps for understanding the deeper structure through computational modeling.

The department offers semester-based courses M.Phil/Ph.D. in computer science and in bioinformatics, M. Sc. Bioinformatics programme in addition to MCA and PGDCA courses through a well-designed, updated, industry-oriented as well as research-oriented curriculum.

## Theme of Workshop:

The present workshop 2019 will be a second increment in series of Translational Bioinformatics. In March 2018, the first increment focused on Translational Bioinformatics with emphasis on Bench to Bed. However, in the present increment of workshop 2019, attempt will be made to look back the history of scientific inventions, starting from the era when Guinness book of recording were started till present digital era, to understand the journey of inventions, innovations and extension, which has brought significant changes in human lives and human development under the banner of Translational Bioinformatics / Research

The workshop Lectures, invited Talks, Hands-on sessions, and invited Papers will include the following, but not limited to:

- History of science to investigate and identify turning points in human development history due to scientific inventions;
- Life and contributions of scientists whose inventions/studies brought changes in human development;
- Artificial intelligence based methods to address complex biological data classification problems;
- Computer aided drug designing: including molecular modeling, molecular dynamics, homology modeling, virtual screening and cheminformatics for lead identification;
- Application to identify novel drug targets and gene expression regulatory elements like miRNAs and transcription factors;
- Applications for Systems Biology for translational bioinformatics;
- The G-Card: Approach to Personalized Medicine;
- Computational / statistical analysis of NGS (Next Generation Sequence) data;
- Algorithm Development using biological databases.
- Emerging Technology in Emerging Economies (GRAIN in BRICS)

## Research Paper / Poster

Accepted papers will be published in the proceeding which is expected to be released at the inaugural function.

For submitting papers/posters, please refer to the respective guidelines at [www.jmi.ac.in/events/nwtb](http://www.jmi.ac.in/events/nwtb)

## How to Apply?

Interested candidates need to follow these steps to register for the event.

Visit the link: <http://jmi.ac.in/events/nwtb>

### Step 1:

Submit the fee of Rs. 1000/- (before deadline) through NEFT details given on the **registration tab**.

### Step 2:

Fill up online registration form given on the application form tab.

### Step 3:

Send a scanned or soft copy of online payment receipt along with an ID proof to the email ID [nwtb@jmi.ac.in](mailto:nwtb@jmi.ac.in) for confirmation of registration.

## Registration Fee

For students, faculty and industry professionals – Rs. 1000/- (Before deadline)

For students, faculty and industry professionals – Rs. 1500/- (After Deadline)

## Venue

Auditorium, University Polytechnic (Near Department of Computer Science, Jamia Millia Islamia)

For hands on and other related sessions venue will be Department of Computer Science, Jamia Millia Islamia.

## Who Can Apply?

PG Students, Research Scholars, Scientists, Faculty Members working in Bioinformatics/Computer Science may apply to participate in the workshop.

## Important Dates

Registration Opens: **15.02.2019**

Last date for submission of paper/abstract of poster: **25.02.2019 (5:00 PM IST)**

Intimation to participants for paper/poster acceptance: **27.02.2019**

Deadline for Online Registration: **02.03.2019**

Deadline for Payment of Publication Fee (For Accepted Papers): **02.03.2019 (5:00 PM IST)**

Desk Registration: **06.03.2019 (9:00AM onwards)**

**Note:** Seats are limited. Candidates for participation will be selected on first come first serve basis. Accommodation facility is presently not available for out of station participants.

The authors with accepted papers have to pay additional fee of Rs 500/- as processing fees.

The proceedings will be available in the department at an additional cost of Rs. 400/-.(MRP Rs 500/-.)