National Conference on Recent Advancements in Protein Bioinformatics cum Workshop on Protein Modeling & Assessment
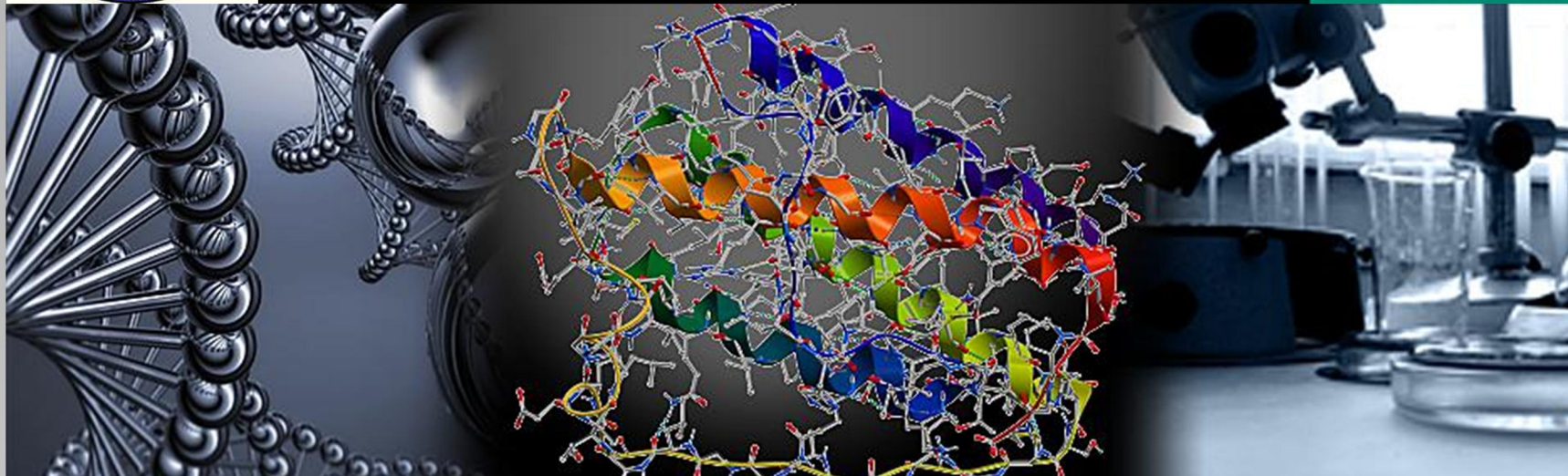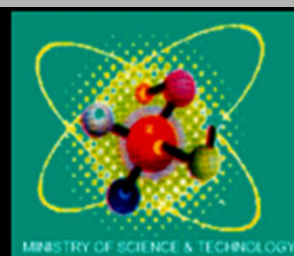
(February 24th - 25th , 2020)

ABOUT UNIVERSITY

Maharshi Dayanand University, Rohtak, named after a great social reformer was established through an Act of Legislative Assembly of Haryana in the year 1976 with special objective - "To establish and incorporate a teaching- cum - affiliating University at Rohtak for the encouragement of interdisciplinary higher education and research with special emphasis on studies in Life Sciences and Environment and Ecological Sciences". It is located 70 kms away from Delhi on NH-10 and spread in 700 acres of land.

ABOUT ROHTAK

The region surrounding Rohtak occupies the central place in the Bangru speaking zone of Haryana. The antiquity of the region goes back to the pre-Vedic Chalolithic/Bronze age. The ancient remains of last phase of Indus Valley Civilization can still be seen around the region. The PGIMS, Rohtak is among the front runners of medical sciences in the country.

CENTRE FOR BIOINFORMATICS

The Centre for Bioinformatics proudly announces the organization of 2-days National Conference on Recent Advancements in Protein Bioinformatics cum Workshop on Systems Biology. The centre is one of the fastest developing wings of the University and plays a lead role in the region as far as Life Science is concerned. It has being recently given the status of separate department, before which it was the part of Centre for Biotechnology. The centre offers Ph.D. and M.Sc. programme in Bioinformatics apart from other paid training programs (studentship and traineeship) in Bioinformatics. Bridging the Biologist-Computational Interface gap will remain ever the focus of the centre.

ABOUT CONFERENCE

In "Omics" era of the life sciences, data is presented in many forms, which represent the information at various levels of biological systems, including data about genome, transcriptome, epigenome, proteome, metabolome, molecular pathways, different population of people and clinical/medical records. One of the most pressing tasks in biotechnology today is to unlock the function of each of the thousands of new genes identified every day. Scientists do this by analyzing and interpreting proteins, which are considered the task force of a gene. This single source reference covers all aspects of proteins, explaining fundamentals, synthesizing the latest literature, and demonstrating the most important bioinformatics tools available today for protein analysis, interpretation and prediction. The conference focus on recent advances made in the field of Protein Bioinformatics.

ABOUT WORKSHOP

In today's scientific world, biology is moving from molecular to modular. As per our knowledge of our genome and gene expression deepens and we develop lists of molecules (proteins, lipids, ions) involved in cellular processes, we need to understand how these molecules interact with each other to form modules that act with each other to form modules that act as discrete functional systems. This workshop is intended to train biologists to develop ability to design these modular functionalities of biomolecules. The objective of this workshop is to demonstrate the basic *in-silico* tools used to model protein molecules and their assessment through guided practical training.

PROGRAM COMMITEE

Patron-in-Chief: Prof. Rajbir Singh, Vice-Chancellor, M. D. University.
Patron: Prof. Pushpa Dahiya, Dean-Life Sciences, M. D. University.
Convener: Prof. (Mrs.) Rajesh Dhankar, Director, CBINF, M. D. University.
Organizing Secretary: Dr. Ajit Kumar, CBINF, M. D. University.
Joint Organizing Secretary: Dr. Mehak Dangi, CBINF, M. D. University.
Members:

- Dr. S.S. Gill, Centre for Biotechnology, M.D. University.
- Dr. Amita S. Dang, Centre for Medical Biotechnology, M.D. University.
- Dr. Nar Singh Chauhan, Dept. of Biochemistry, M.D. University.
- Dr. Pooja Suneja, Dept. of Microbiology, M.D. University.

CALL FOR POSTER/PAPER

The participants of conference are encouraged to submit abstract of poster/paper to be presented during the conference. The abstract may be sent to **coordinator.bif@mdurohtak.ac.in** via e-mail by 15th February, 2020.

REGISTRATION

The participants are requested to send the duly filled in registration form along with registration fees on or before 15th February, 2020. Workshop participant number is limited to 20. Outstation participants may pay the registration fee on-spot.

Fee-detail:	Registration (Conference cum Workshop)	Registration (Conference)	Accommodation (Per day)
Student	500 INR	300 INR	200 INR
Faculty	500 INR	500 INR	200 INR

ADDRESS FOR COMMUNICATION

Dr. Ajit Kumar
Organizing Secretary
Centre for Bioinformatics
Maharshi Dayanand University
Rohtak-124001, Haryana, India.
Phone: +91-9802299176
E-Mail: **coordinator.bif@mdurohtak.ac.in**

National Conference on Recent Advancements in Protein Bioinformatics
Cum
Workshop on Protein Modelling & Assessment
(February 24-25, 2020)

Bioinformatics Infrastructure Facility
Centre for Bioinformatics, Maharshi Dayanand University
Rohtak – 124 001 (Haryana)

REGISTRATION FORM

Title   : Dr/Mr/Mrs/Ms
Name : _____

Position :_____

Organization: _____

Address :_____

_____

_____

City: _____ State: _____

PIN :_____

Tel/Mob. No. :_____

E-mail :_____

Participation in
Conference [   ]   Conference cum Workshop [   ]

Reason to join this workshop:
_____
_____
_____
_____
Title of poster/paper to be presented: _____
_____
_____
_____
Accommodation required: Yes / No

Signature of the candidate:_____

Applications may be sent by hand/post to:

Dr. Ajit Kumar
Organizing Secretary
National Conference cum Workshop (RAPB & PMA-2020)
Centre for Bioinformatics
Maharshi Dayanand University, Rohtak – 124 001.
Mob:+91-9802299176
E-mail: **coordinator.bif@mdurohtak.ac.in**

NB: Accommodation can be arranged in university faculty house on
payment basis. **Photocopy of registration form can be used**