

## Registration Fee

Faculty/Scientist/Professional: ₹ 500/-

Research Scholar/Student: ₹ 100/-

## Mode of Payment & Bank Details

The payments towards registration may be sent through DD/NEFT/Net Banking.

Bank Name: Corporation Bank, Modinagar

Account Number: 520101252618672

Account Type: Saving Account

IFSC Code: CORP0003233

Registration fee can be paid through demand draft in favour of "*The Principal, Multanimal Modi College, Modinagar, Payable at Modinagar*".

Please send the copy or screen shot or PDF of online payment slip to the convener of the programme on e-mail ([swcatmmc@gmail.com](mailto:swcatmmc@gmail.com)) or register paying cash at the time of registration.

Registration form can be downloaded from the college website <http://www.mmcmadinagar.ac.in/>.

Travel boarding/lodging charges have to be borne by the participants themselves.

## Contact us

Dr Arun Kumar Maurya

+91-9560408083; +91-9868442677

[swcatmmc@gmail.com](mailto:swcatmmc@gmail.com)

## Book Post

To,

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From:

Multanimal Modi College  
Modinagar, Ghaziabad, U.P. 201204.

# National Seminar

on

## Bioinformatics: Concepts, Applications & Skill Development

(February 08, 2020)



Sponsored By

University Grant Commission  
(Under the scheme of CPE)



Organized By

Department of Botany  
Multanimal Modi College  
Modinagar-201204  
(U.P.) India

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Multanimal Modi College  
Modinagar

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Ms. Richa Yadav



### **About the College**

Multinational Modi College is a prestigious co-educational government aided college located in Modinagar. The college was established in 1957 with the aim of upliftment and fulfilment of the need of higher education for the local public. The college began with a meagre number of hundred students in three streams; Arts, Commerce and Science. Currently eighteen programmes /departments are running in the college and nearly 3000 students are studying in the college in several courses like B.A., B.B.A., B.C.A., B.Sc., B.Com., B. Lib., M.A., M.Sc., M.Sc. (Biotech), M.Com., and M. Lib including Ph.D in each PG subject. The college has NIELIT courses to provide advanced computer knowledge to its students. It also runs Distance Learning Courses (IGNOU & UPRTOU). The college has developed a Central Instrumentation Lab (CIL) under the scheme DST-FIST programme. At present, under the able guidance and supervision of our honourable chairman Dr D.K. Modi and Principal Prof. R. C. Lal, the college is making upward strides towards progress.

### **About the Seminar**

Bioinformatics is a rapidly emerging branch of biological sciences. It deals with the information derived from biological materials such as DNA, RNA, Proteins and other related products through molecular analysis like DNA or protein sequencing. The information obtained are in the form of sequence, structure or biochemical in nature

Bioinformatics also helps in searching scientific literature texts from the vast ocean of information available on the web that helps in finding gaps in research, framing aims, objectives for further research and enriching human brain with scientific updates originating in different parts of the Globe. These biological information's are submitted, retrieved, analysed and shared by individuals and groups very easily with the help of software's and use of information and communication technology (ICT) at local, regional and global levels. Bioinformatics helps in the usage of the biological information made available through various genome sequencing projects like human genome project, Rice genome project, etc. Bioinformatics also makes use of this data available on several database platforms such as NCBI, SwissProt, DDBJ, EMBL etc. These data contain immense potential for understanding the function, development and evolution of an organism, disease development and also helps in developing drugs to cure them. This information as well as technology also needs to be made available ultimately to the students/learners who will become human resource for a rapidly growing country like India. In this sphere, teachers play a vital role and act as a bridge between knowledge and information generated from research domain and students.

This seminar is an effort for enriching, sharing and translating the knowledge related with bioinformatics among faculty, scientists and students.

### **Broad areas/Sub themes**

Seminar will focus on emerging areas such as structural, functional and evolutionary bioinformatics, chemoinformatics, drug designing, software development, ecoinformatics, metabolomics etc.

### **Advisory Committee**

Dr. Vinay K. Tyagi  
Dr. M.Q. Ansari  
Dr. N.K. Gaur  
Dr. Vijay Garg  
Dr. Basudha Sharma  
Dr. Sushma Srivastava

### **Organizing Committee**

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Ms. Anjali Rajpoot  
Ms. Priyanka Verma

### **Call for Papers**

Participants are requested to send their abstract (250 words) and full paper based on original research latest by 2<sup>nd</sup> February 2020 and soft copies for publication of following format:  
Space: Single Space; Font Style: Times New Roman; Font Size: 12; Format: MS Word

### **Poster Presentation**

Poster should be prepared, not exceeding 150x150 cm in size and it should be based on research.