

# Organizing Committee

<b>Chief Patron</b>	<b>Mr. Pravas Ghosh,</b> Founder Chairman
<b>Patron &amp; Convenor</b>	<b>Dr. Pradip Ghosh,</b> Founder Director
<b>Joint Convenor</b>	<b>Dr. Shrabani Pradhan,</b> Assistant Professor in Nutrition Dept. of Biological Sciences
<b>Advisor</b>	<b>Prof. Nirmal Kumar Sarkar,</b> Emeritus Professor, Dept. of Biological Sciences Midnapore City College & Ex. Professor, Presidency University
<b>Co-ordinator</b>	<b>Dr. Sudipta Chakrabarti,</b> Principal & Associate Professor in Botany Dept. of Biological Sciences
<b>Joint Co-ordinator</b>	<b>Dr. Koushik Das,</b> Assistant Professor, Dept. of Nutrition Belda College
<b>Organizing Secretary</b>	<b>Dr. Kuntal Ghosh,</b> Assistant Professor in Microbiology Dept. of Biological Sciences
<b>Conveners for Printing &amp; Publication</b>	<b>Dr. Arpita Raj,</b> Assistant Professor in English Dept. of Humanities  <b>Mr. Suman Mallick,</b> Graphic Designer Administrative Dept.
<b>Convener for Refreshment</b>	<b>Mr. Abhishek Das,</b> Office In-Charge Administrative Dept.
<b>Conveners for Reception</b>	<b>Mrs. Moumita Nayak,</b> Cashier Administrative Dept.  <b>Mr. Haru Patra,</b> Office Assistant Administrative Dept.
<b>Conveners for Cultural Programme</b>	<b>Ms. Titli Panchali,</b> Technical Assistant in Nutrition Dept. of Biological Sciences <b>Ms. Ananya Dutta,</b> ICMR Junior Research Fellow Dept. of Biological Sciences

## Resource Persons

<b>Prof. Manoj Kumar Chakrabarti</b>	<b>General President,</b> The Indian Science Congress Association, & ICMR Emeritus Medical Scientist & Director-in-charge (Ex), NICED (ICMR).
<b>Prof. Joyti Prakash Tamang</b>	<b>Professor in Microbiology,</b> Dean, School of Life Sciences, Sikkim University, Gangtok.
<b>Prof. Swagata Dasgupta</b>	<b>Professor,</b> Department of Chemistry, IIT Kharagpur.
<b>Dr. J. Sreenivasa Rao</b>	<b>Scientist E &amp; Deputy Director,</b> Department of Food Chemistry, National Institute of Nutrition (ICMR), Hyderabad.
<b>Prof. Debidas Ghosh</b>	<b>Professor,</b> Dept. of Biomedical Laboratory Science and Management, Vidyasagar University, West Bengal.
<b>Prof. Keshab Chandra Mondal</b>	<b>Professor &amp; Head,</b> Dept. of Microbiology, Vidyasagar University, West Bengal.
<b>Dr. Mantu Saha</b>	<b>Scientist F &amp; Additional Director,</b> Defence Institute of Physiology and Allied Sciences, DRDO, Ministry of Defence, Delhi-54
<b>Dr. Dilip Kumar Nandi</b>	<b>Associate Professor &amp; HOD,</b> Department of Physiology, Raja N L Khan Womens College, Midnapore.
<b>Dr. Pankaj Bharali</b>	<b>Scientist B,</b> DBT-APSCS & T Centre of Excellence for Bio-resources & Sustainable Development, Kimin, Arunachal.
<b>Dr. Atiskumar Chattopadhyay</b>	<b>Principal Secretary,</b> Faculty Council of Science, Jadavpur University, Kolkata.
<b>Dr. Sandip Kumar Chattopadhyay</b>	<b>Assistant Professor &amp; Head,</b> Dept. of Biomedical Laboratory Science and Management, Vidyasagar University, West Bengal.

And Many More...

## AWARDS

- 2<sup>nd</sup> U.K. Ghosh Memorial Young Scientist Award for best Paper Presentation  
Award Prize for 1<sup>st</sup> Position Rs: 2500/- & 2<sup>nd</sup> Position Rs: 2000/-
- 2<sup>nd</sup> Presidential Award for best Poster Presentation for PG Students  
Award Prize for 1<sup>st</sup> Position Rs: 2000/- & 2<sup>nd</sup> Position Rs: 1500/-
- 2<sup>nd</sup> Vice-Presidential Award for best Poster Presentation for UG Students  
Award Prize for 1<sup>st</sup> Position Rs: 1500/- & 2<sup>nd</sup> Position Rs: 1000/-
- 2<sup>nd</sup> Founder Chairman Award for Oral presentation  
Award Prize for 1<sup>st</sup> Position Rs: 1000/- & 2<sup>nd</sup> Position Rs: 500/-
- 1<sup>st</sup> U.K. Ghosh Memorial "Gold Medal Award" for 1<sup>st</sup> Rank Holder in PG Courses

## Nearest Visiting Places



Karnagarh



Gopegarh



Moghalmari or Mogolmari

**Karnagarh** is a nondescript village just 10 km north of Midnapore town. For those interested in history and architecture, it is the right place to explore. The main attraction is the remnant of a huge stone fort. The core of the structure is gone but parts of the surrounding walls, soldiers' barracks, temples and water tanks remain.

**Gopegarh**, is a famous Eco Tourism Centre as well as Heritage Historical destination situated on the bank of river Kangsabati or Kansai in Paschim (West) Medinipur district of Bengal. It is about 135 Km. away from Kolkata. The Eco Park has been developed & maintained by West Bengal Forest Department.

**Moghalmari or Mogolmari** is a village and an archaeological excavation site in the Paschim Medinipur district of West Bengal. The excavation of the site which began in 2002-03, led by Professor Asok Datta of Calcutta University has revealed the presence of a Buddhist monastery dated between 6th to 12th Century.

Campus: Bhadutala, Midnapore, Paschim Medinipur, Pin- 721129, West Bengal, India

For any query please contact:  
9749266321, 7908223785

# 3<sup>rd</sup> MCCC CON 2020

4<sup>th</sup> Feb-6<sup>th</sup> Feb

## BRIDGES BETWEEN BIOINFORMATICS AND NUTRIGENOMICS

Sponsored by



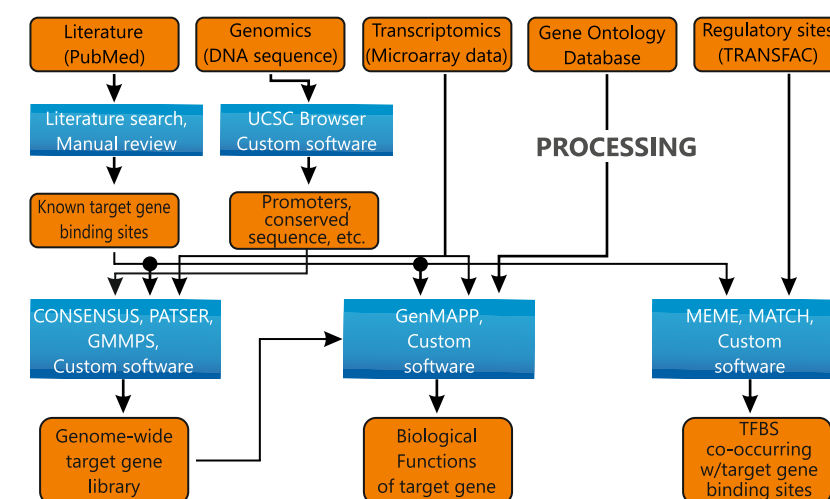
Department of Biotechnology  
Ministry of Science & Technology, Govt. of India



Science and Engineering Research Board  
Department of Science & Technology, Govt. of India

3<sup>rd</sup> Annual National Conference  
of MIDNAPORE CITY COLLEGE  
on  
**"Bridges between  
Bioinformatics and  
Nutrigenomics"**

## DATA



## RESULTS



**MIDNAPORE CITY COLLEGE**  
(Recognised by UGC, Govt. of India & Affiliated to Vidyasagar University)

www.mcconline.org.in



Few Moments of 1<sup>st</sup> MCCC CON 2018



## Theme of the Seminar

Like other life sciences, nutrition science and nutrigenomics can be benefited enormously from the techniques of bioinformatics. Nutrigenomics data can be continually recycled to reinvestigate existing hypotheses and to generate new hypotheses that would not have been conceivable at the time of the original experiments. Therefore, this conference will educate the researchers and students about the conversion of nutrition data into a machine-readable format which will bring about a renaissance in nutrition research, accelerating the ability of investigators to discover the implications of nonessential nutrients and food components, and enable the study of complex metabolic interactions in human health and disease. Renowned speakers and the most recent techniques, developments, the newest updates in nutrigenomics and bioinformatics research are hallmarks of this conference.

## Objectives

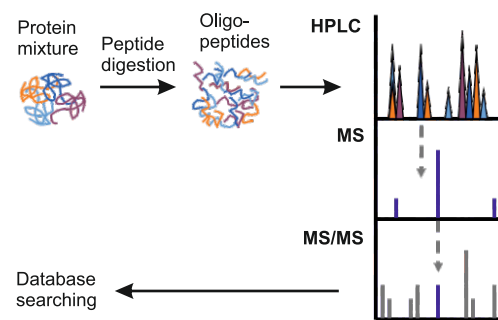
To understand the mechanisms of nutrient action, nutrition researchers necessarily use a reductionist strategy, breaking the problem down to cells, proteins, genes, etc, and then reintegrating the knowledge gained with higher levels of abstraction to arrive at human body-level theories of nutrient effects. Thus, nutrition researchers regularly generate and interpret data at the molecular level. The development of a comprehensive, predictive understanding of metabolism requires that nutrients and metabolites be explored within the context of their associated regulatory mechanisms.

## Areas covered by the Seminar

- General overview of nutrigenomics and its associated bioinformatics
- Nutrient-gene interactions
- Proteomics
- Database development for nutrigenomic research
- Functional foods
- Bioinformatics related to nutrigenomic research
- Awareness about the database and software related to nutrigenomic research
- India's status in nutrigenomic research with respect to other countries.

## Invitation from the Desk of Organizing Committee

We have the honour and great privilege to inform all concern of people including Scientists, Academicians, Researchers, Students, and the Industry personnel from all part of our country to attend the 3rd Annual National Conference of MIDNAPORE CITY COLLEGE on "Bridges between Bioinformatics and Nutrigenomics".



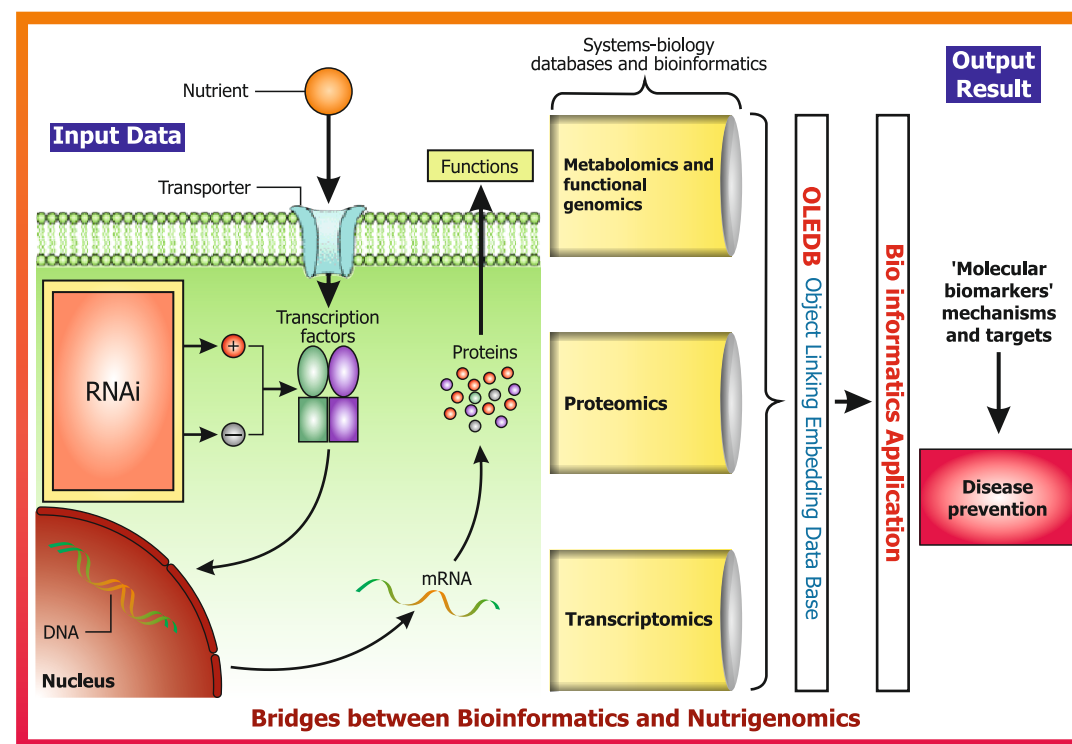
## PROTEOMICS

Computational translation of MS/MS spectra to amino acid sequences using genomic or protein databases

**You are cordially invited to participate**

## About the College

**M**IDNAPORE CITY COLLEGE, the first self-financing general degree college in the South Bengal region within the state of West Bengal, was established by MORAIN HUMAN RESOURCE DEVELOPMENT ORGANISATION, with the sole aim to survive the people as per notification of Higher Education Department, Govt. of West Bengal bearing No: W.B (Part-I)/2015/SAR-458 dated 23rd day of September, 2015 published in Kolkata Gazette and subsequent No Objection was issued to this college through its order No. 197-ILC/OM-58L/2017 dated 18.07.2017 on the basis of which Vidyasagar University also extended the affiliation by its memo No: VU/R/ Circular / 8EC-10 / C0383/ 2017 dated 05.09.2017 and VU/ IC/ BMLT/ MCC/ 017/ 2019 dated 29.01.2019. The college is also recognized under section 2(f) by UGC, Govt. of India bearing File No: 8-1/2018(CPP-I/C) dated 18.01.2018 for conducting different Under Graduate and Post Graduate programmes in the faculty of Arts and Science and Allied Health Science from the academic session 2017-18. The college is located in educationally backward and rural area in the district of Paschim Medinipur within the state of West Bengal and most of our students belong to socially and economically backward sections of society. The sole aim of MORAIN HUMAN RESOURCE DEVELOPMENT ORGANISATION is to serve people by imparting quality education and research the society had received recognition from Department of Scientific and Industrial Research (DSIR) Govt. of India as Scientific and Industrial Research Organisation (SIRO) bearing F. No.11/762/2018-TU-V dated 26th November, 2018. The institute believes that excellent teaching can produce better students and thereby helping the institute to emerge as a centre of excellence.



## GUIDELINES OF ABSTRACT SUBMISSION

Abstract for oral and poster presentation (within 250 words) may be sent by email to: [mccconmcc@gmail.com](mailto:mccconmcc@gmail.com)

All the communications should be made by email only. The format of abstract: text in MS Word with Times New Roman and 1.5 spacing, Title: all capital, bold, 14pt, Author (s): bold, 12pt, Address: (11pt) e-mail: only one email of Corresponding author should be provided, Abstract body: (12pt). Complete sentences, active verbs, and the third person should be used, and the abstract should be written in the past tense. Keywords: upto 6 to 8 (12pt).

## CALL FULL PAPERS FOR SEMINAR PROCEEDINGS

### IMPORTANT DATES

Last Date for Abstract Submission : January 22, 2020  
 Notification of Acceptance : January 24, 2020  
 Conference Dates : 4<sup>th</sup> to 6<sup>th</sup> February, 2020

## GUIDELINES OF POSTER PRESENTATION

Poster size will be strict 3ft. x 4 ft. (Width/Height).

## ROUTE MAP

Distance of the venue from Midnapore Railway Station is 6 Km. The distance between Midnapore Central bus stand via Keranichati near Bhadutola is 5 km.

## REGISTRATION FEE

	Within 25.01.2020	Spot Registration
Students (UG/PG)	Rs. 400.00	Rs. 500.00
Research Scholar	Rs. 500.00	Rs. 600.00
Teachers/ Scientists/ Delegates	Rs. 800.00	Rs. 900.00

## REGISTRATION AND MODE OF PAYMENT

Registration Form will be available from our college website:

[www.mconline.org.in](http://www.mconline.org.in) → Conference Registration

& Registration Fees will be paid in the Bank Account / NEFT / Cash.

In favour of : **MIDNAPORE CITY COLLEGE**  
 Bank Name : **United Bank of India**  
 Account No. : **0297050310154**  
 Branch Name : **Satbankura (0297)**  
 IFSC : **UTBIOSBK933**

## ACCOMMODATION

Modest accommodation will be provided in the nearest guest house/ hotels for the delegates on request. Accommodation may be booked on payment basis.

	AC	NON-AC	Dormitory
Students (UG/PG)/ Research Scholar	---	Rs. 350.00	Rs. 150.00
Teachers/ Scientists/ Delegates	Rs. 1100.00	Rs. 600.00	---