

Organizing Committee

Chief Patron	Mr. Pravas Ghosh, Founder Chairman
Patron	Dr. Pradip Ghosh, Founder Director
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Joint Convener	Prof. Shilpa Dinda, Assistant Professor in the Dept. of Biological Science in Botany
Organizing Secretary	Dr. Sangita Maiti Dutta, Assistant Professor in the Dept. of Biological Science in Zoology
Organizing Secretary (Joint)	Prof. Suchismita Roy, Assistant Professor in the Dept. of Biological Science in Nutrition & Dietetics
Seminar Co-ordinator	Prof. Nayan Hazra, Assistant Professor in the Dept. of Pure & Applied Science in Geography
Convenors for Invitation	Prof. Jaganath Samanta, Assistant Professor in the Dept. of Education in Education Prof. Prasenjit Maity, Assistant Professor in the Dept. of Pure & Applied Science in Geography
Convenors for Printing & Publication	Prof. Arpita Raj, Assistant Professor in the Dept. of Humanities in English Mr. Suman Mallick, Graphic Designer in the Administrative Dept.
Convenors for Refreshment	Mr. Abhishek Das, Office In-Charge in the Administrative Dept. Mr. Asish Barik, Assistant Librarian in the Administrative Dept. Mr. Prabir Roy, Office Attendant in the Administrative Dept. Mr. Bipin Sing, Office Attendant in the Administrative Dept.
Convenors for Transport & Accommodation	Prof. Anjan Samanta, Assistant Professor in the Dept. of Pure & Applied Science in Physics Mr. Saikat Ghosh, Driver in the Administrative Dept. Mr. Sushil Mahata, Driver in the Administrative Dept. Mr. Subrata Manna, Campus Manager in the Administrative Dept. Mrs. Moumita Nayak, Cashier in the Administrative Dept.
Convenors for Cultural Programme	Dr. Shrabani Pradhan, Assistant Professor in the Dept. of Biological Science in Nutrition & Dietetics Ms. Titli Panchali, Assistant Professor in the Dept. of Biological Science in Nutrition & Dietetics

Invited Speakers

- Dr. Lal Sing**
Scientist, Ecosystem Division, NEERI, Nagpur
- Prof. Achanta Naga VenkataStyanarayana**
Assistant professor, Centre For Oceans, Rivers, Atmosphere and Land Science (CORAL), IIT Kharagpur.
- Dr. Suman Chakraborty**
School of Medical Science Technology, IIT Kharagpur
- Dr. Sajal Roy**
Professor, Department of Zoology, University of Calcutta
- Dr. Gautam Paul**
Professor of Physiology, University of Kalyani
- Dr. Debidas Ghosh**
Professor, Bio-Medical Laboratory Science and Management
- Dr. Aniruddha Mukhopadhyay**
Professor, Department of Environmental Science, University of Calcutta
- Dr. Punyasloke Bhaduri**
Associate Professor, Department of Biological Sciences, IISER, Kolkata
- Dr. Ashis Kumar Paul**
Professor, Department of Geography, Vidyasagar University
- Dr. Dilip Kumar Nandi**
Associate Professor, Department of Physiology, Raja N.L.Khan Women's College, Midnapore, Paschim Medinipur
- Dr. Jayanta Kundu**
Professor, Department of Zoology, Vidyasagar University
- Dr. Amal Kumar Mondal**
Professor, Department of Botany & Forestry, Vidyasagar University
- Dr. Sanat Kumar Guchhait**
Professor, Department of Geography, Burdwan University
- Dr. Utpal Roy**
Assistant Professor, Department of Geography, University of Calcutta



Campus: Midnapore, Paschim Medinipur, Pin- 721 129, West Bengal, India

For any query please contact:
9474156269, 7908370081



TWO DAY NATIONAL LEVEL SEMINAR
ON
**Environmental Changes and Its
Sustainable Development: Aspect and Prospects
in Science and Technological Research**
Date: 13th to 14th July, 2018

Sponsored by

**Department of Biotechnology, Govt. of India
&
Indian Council of Medical Research, Govt. of India**



Organised by

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

Venue: Seminar Hall

www.mcconline.org.in

Global climate change is considered as one of the most important environmental challenges faced by all living organism. Human activities influence the global climatic system mainly through greenhouse gas emissions, excessive unwanted construction of buildings, demolition of water resources like ponds and wetlands, deforestation, use of excessive vehicles and others. Viruses, bacteria, protozoa and all types of organisms change their genomic structure to sustain against environmental changes. All living organism including human beings will need to adapt to these changes by developing latest technology with the help of research in Science and Technology. We should accept the changes with challenges for better understanding of environmental changes affecting the physical environment and different ecosystems. It is necessary to be aware that any perturbation in ecosystem could seriously affect the development in human society. The seminar topic 'Environmental Change: Adaptation Challenges by Sustainable Development' clarifies the concepts of "environmental change" and "sustainable development" in various Research Sectors and Laboratories, Institute of National Importance, Universities, Colleges and other Non-Governmental Organizations etc. We understand environmental change in a broad, general way, as the "interaction of environmental systems, including the atmosphere, the biosphere, hydrosphere and human systems including economical, political, cultural and socio-technical systems. Human systems and environmental systems meet in two places: where human actions proximately cause environmental change and where environmental changes directly affect what human value".

An aphorism told that "Change is the eternal truth of the creation, human must accept the changes and discover/ invent the new technologies against changes to sustain better life".

Organism and microorganisms changes their genome to protect themselves from environmental change and recent trends of infections caused by microorganisms. These are not cured by present generation of drugs. Biotechnology plays one of the most important roles to invent the etiologies and identifies the changing genome of microorganism. It is most important aspect of research of how existing drugs are to be modified or new drugs are to be develop to protect society against microorganisms and also how greenhouse gas is to be absorbed by inventing new technologies.

The main objective of the seminar is to focus to develop all types of changes of the society. The changes must be handled carefully by developing research in biotechnology and other branches of Science and Technologies.

Areas covered by the Seminar:

- **Recent research on environmental biology and biotechnology to gain knowledge about the sources, chronic and acute effects of environmental toxicants.**
- **To integrate biological, environmental, physico-chemical, geographical and other applied sciences to fulfil the mission.**
- **To meet the growing scientific challenges of environmental sciences through cutting edge research with emphasis on focus areas.**
- **Adaptive mechanisms of flora and fauna in changing environment.**
- **Development of biomonitoring tool for sensing different perturbation of environment.**
- **To understand molecular mechanisms of different diseases caused by different toxicants.**
- **Development of new concepts for preventing methods from environmental pollution.**
- **Development of high quality human resource for pursuing advanced research in environmental sciences.**

Midnapore City College is the first self financing general degree college in the South Bengal region within the state of West Bengal, which was established by Moraine Human Resource Development Organisation, a registered society bearing registration no S/1L/31682 on dated 02.09.2005 having its office at Aparnapalli, Satbankura, Paschim Medinipur 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 on 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 on dated 18.07.2017 based on which Vidyasagr University also extended the affiliation by its memo No:VU/R/ Circular /8EC-10 / C0383/ 2017 dated 05.09.2017 to Midnapore City College for conducting different Under Graduate and Post Graduate programmes in the faculty of arts and 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 MORaine Human Resource Development Organization is to serve people by imparting quality education. The institute believes that excellent teaching can produce better students and thereby helping the institute to emerge as a centre of excellence.

Invitation from the Desk of the Organizing Committee

We have the honour and great privilege to inform all concern of people including Scientists, Academicians, Doctors, Health professionals, Researchers, Microbiologists, Nutritionists, Students, Industry, NGO Representatives from all part of our country to attend the National Seminar entitled "Environmental Change: Adaptation Challenges by Sustainable Development".

You are cordially invited to participate

GUIDELINES OF ABSTRACT SUBMISSION

Abstract for oral and poster presentation (within 250 words) may be sent by email to: mccseminar2018@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, 12 pt, 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: up to 6 to 8 (12pt).

Guidelines of Poster Presentation

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

Awards

Poster Presentation: Best three posters would be selected for award separately in UG and PG students.

Oral Presentation: Best three oral presentation would be selected and awarded from Research Scholar.

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 07.07.2018	Spot Registration
Students (UG/PG)/ Research Scholar	Rs. 300.00	Rs. 400.00
Teachers/ Scientists/ Delegates	Rs. 600.00	Rs. 700.00

Registration and Mode of Payment

Registration Form will be available from our college website: www.mcconline.org.in. & Registration Fees will be paid in the Bank Account.

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. 250.00	Rs. 150.00
Teachers/ Scientists/ Delegates	Rs. 1100.00	Rs. 600.00	-- -- --

Important Dates

Last date for submission of Abstract : 01.07.2018