

## ORGANISING COMMITTEE

### PATRON

Swami Kamalasthananda  
Principal, Ramakrishna Mission V. C. College, Rahara

### ADVISOR

Dr. Pradyot Kumar Medda  
Head, Department of Zoology  
Ramakrishna Mission V. C. College, Rahara

Br. Shrutichaitanya  
Ramakrishna Mission V. C. College, Rahara

### CONVENER

Dr. Koutilya Bhattacharjee  
Assistant Professor in Zoology  
Ramakrishna Mission V. C. College, Rahara

### ORGANISING SECRETARY:

Dr. Debkumar Datta  
Associate Professor in Zoology, Ramakrishna Mission V. C. College, Rahara

### MEMBERS

- Dr. Arunava Mykherjee : Assistant Professor in Zoology, Ramakrishna Mission V. C. College, Rahara
- Mr. Samir Sardar : Assistant Professor in Zoology, Ramakrishna Mission V. C. College, Rahara
- Dr. P. L. Das : Guest Teacher in Zoology, Ramakrishna Mission V. C. College, Rahara
- Mr. Debabrata Shome : Part-time Teacher in Zoology, Ramakrishna Mission V. C. College, Rahara

### REGISTRATION CHARGES

Teachers: ₹ 300/-

(Rupees three hundred only)

Students and Research scholars: ₹ 100/-

(Rupees one hundred only)

### FOR REGISTRATION AND ANY OTHER QUERIES PLEASE CONTACT

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**UGC Sponsored  
National Level Seminar  
on**

# **FROM MOLECULES TO ECOSYSTEM - A ZOOLOGICAL PERSPECTIVE**

**Organized by**  
Department of Zoology  
Ramakrishna Mission  
Vivekananda Centenary College,  
Rahara, Kolkata-700118

**In collaboration with**  
Department of Zoology  
West Bengal State University  
Barasat, Kolkata

**Venue**  
Swami Vivekananda Hall  
Ramakrishna Mission  
Vivekananda Centenary College  
Rahara, Kolkata – 700 118

**Thursday  
September 22,  
2016**



The subject Zoology is one of the oldest biological discipline with a promising future for its followers and developers. The development of new theories and research findings increases the excitement of this subject day by day. As the heading says "From Molecules To Ecosystems - A Zoological Perspective", this wide Scientific platform will bring researchers and academicians of various zoological subdivision covering evolution, genomics, proteomics, immunology, ecology, biological diversity and its conservation etc.

The seminar will further help in raising future direction of zoological science as well as creating awareness about the importance of zoological research in different fields and matching this with the job market.

Zoology is an evergreen vast biological discipline covering from taxonomic details of animal groups with a promising future. As the analysis of organelles, organs, organisms and their association changes, their status of recognition do evolve in the long history of biological science. This as taken place.

As the title of the seminar suggests, the proposed seminar will be aimed to cover vast areas of Zoological Sciences, like Ecology, Molecular Biology, Biochemistry, Physiology, Genetics and Immunology, Animal Behaviour and other fields. Eminent persons will be addressing current issues and developments in their fields, and research scholars from various branches will be presenting their research findings under one umbrella.

Zoologists are concerned with theoretical topics as diverse as molecular evolution, physiology, behaviour and community ecology and with applied aspects from fauna conservation and pest management to stream ecology and water quality studies. The seminar discussion will be a showcase of current perspective in animal sciences. Today, it occasionally appears as though, due to rapid expansion of life science, zoology has been replaced by more or less independent sub-disciplines.

However, the recent advances of molecular methodology into classical fields of biology and the development of theories that can be explained on different levels of organization has led to a re-integration of zoological disciplines promoting a broader than usual approach to zoological questions.

Zoology has re-emerged as an integrating discipline encompassing the most diverse aspects of animal life, from the level of the gene to the level of the ecosystem. It aims to represent and re-unite the various disciplines that look at animal life from different perspectives and at providing the basis for a comprehensive understanding of zoological phenomena on all levels of analysis.

The lecture topics of the seminar will provide an opportunity for both students and faculty to interact with the scientists/academicians from other institutions and encourage students to involve in scientific discussion by asking questions.

## PROGRAMME SCHEDULE

Venue: Swami Vivekananda Hall  
September 22, 2016

- 9.30 - 10.00 Hrs : Registration and Reporting at Reception  
10.00 -10.30 Hrs : Tea  
10.30 -10.40 Hrs : Welcome Address  
10.40 -11.00 Hrs : *Inaugural Speech by*  
Prof. Nemaï C. Saha  
*Director of Public Instruction*  
*Government of West Bengal*  
11.00 - 11.40 Hrs : **KEY NOTE ADDRESS**  
Dr. Ashok K Sanyal  
*Chairman, West Bengal Biodiversity*  
*Board*

### SCIENTIFIC SESSION I

**Chairperson:** Prof. Nemaï C. Saha, *Director of Public Instruction Government of West Bengal*

- 11.40 - 12.15 Hrs : Prof. Samiran Chakrabarti  
*Retired Professor, Kalyani University*  
12.00 -1.00 Hrs : Prof. Sailesh Chattopadhyay  
*Professor, Faculty of Forestry*  
*Birsa Agricultural University*  
*Ranchi, Jharkhand*  
1.00 -1.45 Hrs : Dr. Krishanu Ray  
*Associate Professor, Division of Biological*  
*Science, Tata Institute of Fundamental*  
*Research, Mumbai, Maharashtra*

### LUNCH BREAK : 1.45 - 2.30 Hrs

### SCIENTIFIC SESSION II

**Chairperson:** Prof. Dipak R Mandal, *Honourable Vice Chancellor Sidho Kanho Birsa University*

- 2.30 -3.15 Hrs : Prof Dipak Ranjan Mandal  
*Honourable Vice Chancellor*  
*Sidho Kanho Birsa University*  
3.15 - 4.00 Hrs : Prof. Subir Chandra Dasgupta  
*Professor, UG and PG Department*  
*of Zoology, Maulana Azad College,*  
*Kolkata*  
4.00 - 4.45 Hrs : Dr. Silanjan Bhattacharyya  
*Associate Professor, West Bengal State*  
*University, Barasat, North 24 PGS*  
4.45 - 5.30 Hrs : Valediction / Issue of certificates  
from Reception.  
Tea

## CALL FOR ABSTRACTS AND PAPERS

Guidelines for the abstracts:

Abstracts are invited for oral and poster presentations, which should reach us by September 10, 2016 for inclusion in the proceedings. The abstract (200 words) should be provided with a title, name of the author(s) with affiliation(s). The corresponding author and the presenting author must be indicated in the abstract along with their email address and contact number.

### Reference style :

as Current Science, Indian Acad. Sc., Bangalore.

### Font style:

Times New Roman

### Font size:

12 with double spacing

### Word limit:

Abstract (200 words);

*Only electronic version will be accepted* as MS WORD file. All drawings will have to be incorporated within the file itself. No separate file is needed.

### EMAIL IDs for communication :

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