



# NEWSLETTER

## DEPARTMENT OF ZOOLOGY FOR UG AND PG STUDIES, SERAMPORE COLLEGE

**From the Principal's Desk:**



I am extremely glad that Department of Zoology is going to publish the first edition of the departmental Newsletter covering the period between July 2017 to June 2018. It is my hope and wish the subsequent issues will follow this. I appeal to all the Teaching and Non-Teaching staff, students and alumni of the department to support and contribute to the success of publication of the Newsletter from time to time.

I congratulate all the teachers, students and non-teaching staff for their sincere efforts and wish them success in their endeavor.

Dr. Vansanglura  
Principal, Serampore College

**From Vice Principal (ASC):**

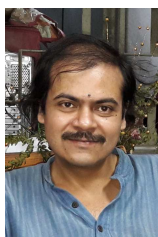
I am glad to note that the Department of Zoology, Serampore College is going to publish a News Letter of the department from now onwards. Department of Zoology is one of the most pro active and enthusiastic departments to actively pursue and promote newer knowledge sources, skill sets to Under-graduate and Post-graduate students and prepares them both theoretically and practically to face greater challenges and reach for higher goals in their lives.

I congratulate the Department and its entire teaching and non-teaching staff and convey my best wishes and greetings to them.

Dr. Bidyut Banerjee,  
Vice Principal, Serampore College



**From the desk of Bursar:**



I sincerely congratulate all the teaching and non-teaching staff of the Zoology Department of Serampore College on the publication of this newsletter. The Department has been a trailblazer of academic excellence, upholding the very best traditions of our historic institution. I hope and trust it will continue to scale new heights and thereby enhance its own reputation and that of our college.

Mr. Jishnu Dasgupta,  
Bursar, Serampore College

**From Head of the Department:**

It is my pleasure to introduce the inaugural copy of the News Letter of the Department of Zoology for UG and PG Studies, Serampore College. This issue would focus upon the chain of events that has taken place from July, 2017 to June, 2018. The main essence of this news letter is to create awareness amongst the students, parents and other well wishers about the various academic and co-academic activities which are taking place in our Department.



Amit Chattopadhyay, HOD

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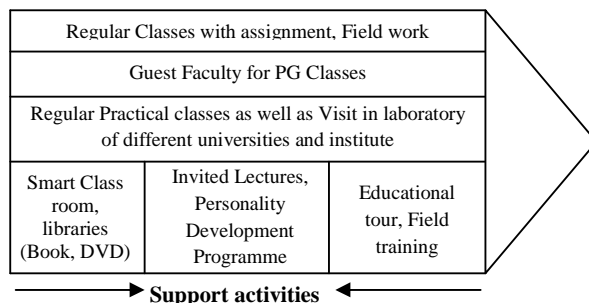
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**Message of Secretary (ASC):**

It is my pleasure to be informed that Department of Zoology is going to publish News Letter for the first time in our College. I convey my best wishes to the department for this initiative and would like to suggest them to publish such News Letters in each year. This type of venture might be adopted by other departments also.



Dr. Saradia Ray,  
Secretary (ASC), Serampore College



**THE VALUE CHAIN**

# DEPARTMENTAL ACTIVITIES



## 1. Annual Seminar:

**Speaker** : Dr. Basudeb Mukherjee (Director, Department of Gynecology and obstetrics, CMRI, Kolkata and an eminent actor)  
**Date** : 3.02.2018  
**Topic** : Cancer awareness and Prevention  
**Participants** : All UG (Hons.) and PG students of this department

## 2. Personality development workshop:

**Speakers** : Dr. Rajdeep Bakshi, Mrs. Sutapa Ghosh Sarker, Dr. Jayatri Chakraborty and Dr. Taparati Gangopadhyay  
**Date** : 28.04.2018  
**Theme** : Change from within  
**Participants**: All PG students of this department.



## 3. Field study at Burmanella Beach in collaboration with ZSI, Port Blair

**Date** : 02.11.2017  
**Purpose** : Study of intertidal fauna  
**Participant** : 25 students of PG



## 4. Laboratory visit in RMRC (Regional Medical Research Centre), Bhubaneswar

**Date** : 16.11.2017  
**Purpose** : Study of some techniques in molecular vector biology laboratory under the supervision of Dr. R.K.Hazra  
**Participants** : Students of the Molecular Cell Biology Elective Paper



## 5. Adoption of a Fishing Cat

(State Animal of West Bengal) in Alipore Zoological Garden.



## ACTIVITIES AND ACHIEVEMENTS OF THE TEACHING FACULTIES

### A) Dr. Sanjay Sarkar:

1. Dr. Sarkar has significantly contributed in the field of Entomology and Acarology. Dr.Sarkar discovered **two new Genera and two new species of plant mites**. It was published in the **International journal Zootaxa**.
2. He has received an invitation from **XV International Acarological congress, Antalya , Turkey** to present his research in Acarology as he has reported altogether **51 species under 28 genera of Eriophyoid mite among which 19 species appear new to Science**.
3. **Wrote a Chapter in a Book:**  
Mating Behaviour, Cues-related and Site-specific oviposition and age associated fecundity in two Gall inducing Psyllids: *Triozafletcheri minor* Crawford and *Triozahirsuta* (Crawford). Bratati Chakrabarti and **Sanjay Sarkar**. “Environmental pollution, Biodiversity conservation and Climate change: Issues and Challenges” **December, 2017**. In **Chapter 3, Page 21-31**, Book published by *Sparrow publication* ISBN 978-81-89140-17-7.

#### Special achievement in Teaching & Research field:

**National Teaching Excellence Award (2017)** - (International Benevolent Research Foundation in association with Confederation of Indian Universities, New Delhi)

### B) Mr. Amit Chattopadhyay:

- **Invited Speaker:** Participated in one day workshop cum Awareness Camp in *Sidho-Kanho-Birsha University, Purulia* on 18<sup>th</sup> July 2017 as an invited speaker with the presentation titled, “ Small Bite, Big Threat: Fight the Bite”.
- **Publication:** Identification and molecular characterization of *Anopheles* mosquitoes in some rural areas of West Bengal, India. **A. Chattopadhyay, P.K.Bandyopadhyay and P.K.Banerjee. Entomon 43(1): 19-26 (2018).**

### C) Dr. Soumyajit Banerjee:

- Awarded Junior Scientist of the year award at the International Conference on Environment and Ecology (ICEE-2017) by International Foundation for Environment and Ecology 2017.
- Foreign Travel Grant from DST (Airfare, registration fees etc) for participation and presentation 12th International Congress of Ecology in 2017.
- **Publication:** Effect of food types on competitive interaction between *Aedes aegypti* and *Aedes albopictus*: a proximate level appraisal. Banerjee S, Mohan S, , Pramanik S, **Banerjee S**, Saha GK, Aditya G. *Polish Journal of Entomology*, 2017, 86: 99–118.9999898

### STRENGTH OF DEPARTMENT OF ZOOLOGY



Dr. Pranab Kr. Banerjee



Mr. Anit Chakraborty



Dr. Saniav Sarkar



Mr. Subir Das



Mr. Dilio Ram



Dr. Subhadeep Sarker



Dr. Chiraniib Dev



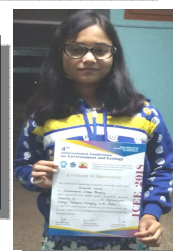
Dr. Soumvoit Banerjee



Mr. Soumitra Roy

### ACHIEVEMENTS OF THE STUDENTS:

PUBLICATION		
PUBLICATION TITLE	AUTHOR	
THE EFFECTS OF PLASTIC POLLUTION IN AQUATIC LIFE, <i>MALYSIAN JOURNAL OF MEDICAL RESEARCH</i> ; Vol 1 (3):2017	BYAPTI BANERJEE	
PLECKSTRIN HOMOLGY MUTATION IN EVER GENES MAY CAUSE SKIN CANCER, <i>JOURNAL OF HUMAN GENETICS AND GENOMIC MEDICINE</i> ; Vol 1 (1)	SEMESTER IV STUDENTS, GENETICS AND MOLECULAR BIOLOGY	
BIOMARKER FOR MANGANESE EXPOSURE AMONG WELDERS AND CARDOVASCULAR TOXICITIES, <i>MALYSIAN JOURNAL OF MEDICAL RESEARCH</i>	ASHMITA DAS	
PUBLISHED A CHAPTER "A REVIEW ON LIGHT POLLUTION AND ITS IMPACT ON ANIMAL AND HUMAN LIFE" IN THE BOOK 'ENVIRONMENTAL POLLUTION, BIODIVERSITY CONSERVATION AND CLIMATIC CHANGE: ISSUES AND CHALLENGES' BY SPARROW PUBLICATION	SOUMI BETAL, HAIMANTI MANNA, AMIT CHATTOPADHYAY	
RESULT		
<b>Under Graduate</b>	Total Appeared = 16	<b>First Class = 12</b>
<b>Post Graduate</b>	Total Appeared = 18	<b>All First Class</b>
		<b>A<sup>+</sup> = 16</b>
		<b>A = 2</b>



OTHERS				
DATE	OTHER ACHIEVEMENT	CATEGORY	ORGANISATION	NAME OF STUDENT
18 <sup>th</sup> July, 2017	JOINED AS	DISTRICT ENTOMOLOGIST	DEPARTMENT OF MINISTRY AND FAMILY WELFARE, GOVERNMENT OF WEST BENGAL	SUDIP KUNDU (EX-STUDENT)
20 <sup>th</sup> – 25 <sup>th</sup> August, 2017	PARTICIPATED IN	12TH INTERNATIONAL CONGRESS OF ECOLOGY (INTECOL2017BEIJING)	INTECOL, HELD IN BEIJING	SAMRAT CHAKROBARTY
1 <sup>st</sup> November, 2017	JOINED AS	JUNIOR RESEARCH FELLOW	WBBB SPONSORED PROJECT IN UNIVERSITY OF CALCUTTA UNDER SUPERVISION OF PROF. GOUTAM KUMAR SAHA	SAMRAT CHAKROBARTY
24 <sup>th</sup> November, 2017	WON 1 <sup>ST</sup> PRIZE	EXTEMPORE ON 'SECULARISM'	CENTRAL SERICULTURE RESEARCH AND TRAINING INSTITUTE	AKASH DUTTA
December, 2017	JOINED AS	JUNIOR RESEARCH FELLOW	ZOOLOGICAL SURVEY OF INDIA, KOLKATA	MOUMITA DAS (EX-STUDENT)
12 <sup>th</sup> -14 <sup>th</sup> February, 2018	BEST POSTER PRESENTATION	4TH INTERNATIONAL CONFERENCE ON ENVIRONMENT AND ECOLOGY	GUWAHATI UNIVERSITY, GUWAHATI, ASSAM	SUNANDA GHOSH
	BEST ORAL PRESENTATION			SOURAV SHEE
	<b>QUALIFIED GATE, 2018</b>	<b>GATE SCORE: 352, GATE RANK: 2256</b>		ASHMITA DAS
22 <sup>nd</sup> May, 2018	WON 2 <sup>ND</sup> PRIZE	ORAL PRESENTATION ON THE THEME BIODIVERSITY CONSERVATION TO CELEBRATE INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY	ZOOLOGICAL SURVEY OF INDIA, KOLKATA	SREEPARNA DAS

*Editorial board: Mr Amit Chattopadhyay (Head), Dr. Chiranjeeb Dey (P.G. Chairperson), Sreeparna Das (PG Student), Soumi Betal (PG Student)*