

Dear Colleagues,

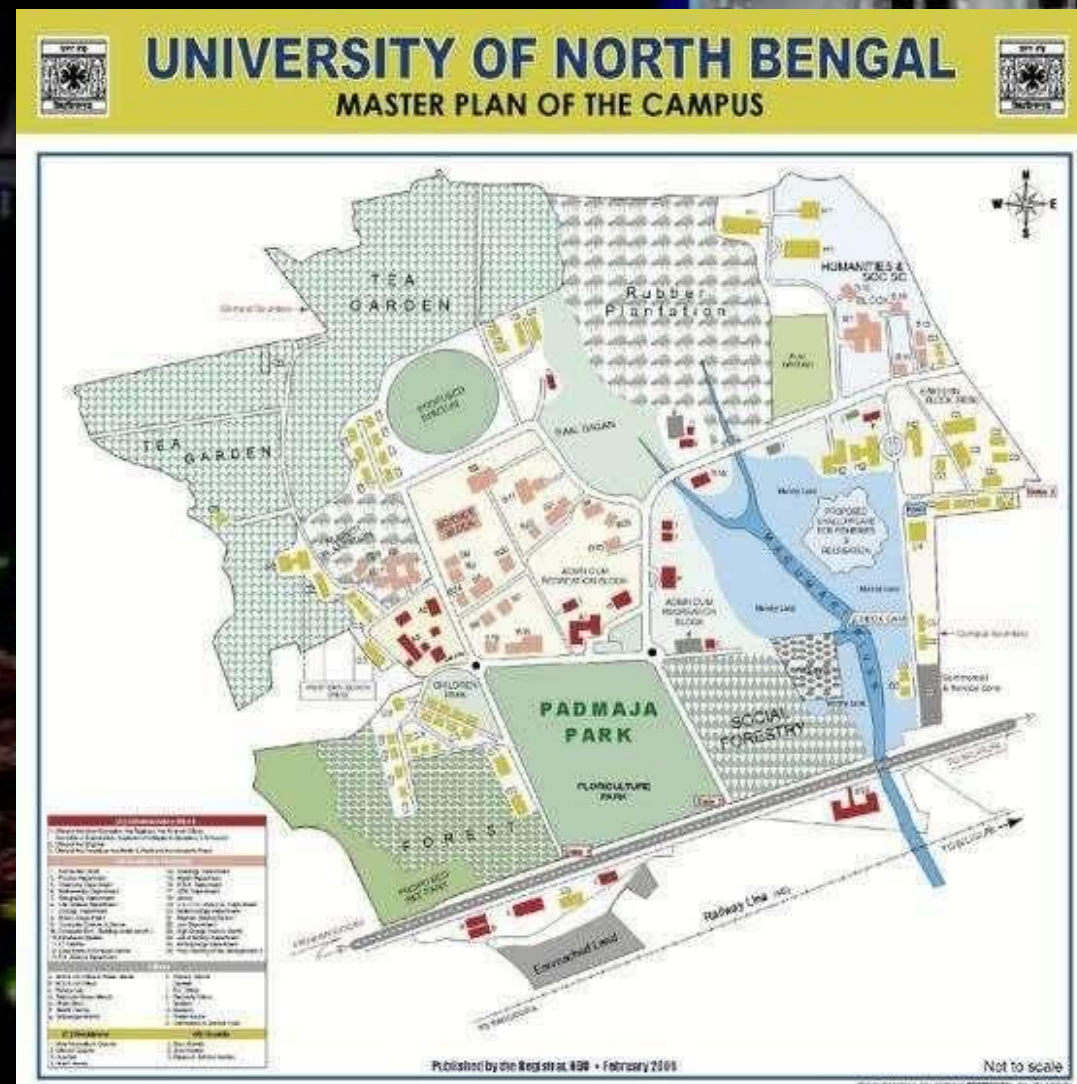
The Department of Zoology, University of North Bengal is going to organize jointly with Zoological society Kolkata a National Conference on March 21st & 22nd, 2020. The Organizing Committee takes the pleasure of inviting you to participate actively for making this conference a grand success. The University of North Bengal located near the township of Siliguri, at the Himalayan foothill marks the Gateway to the Mega Diversity Region of North East India, and connects certain adjacent countries like Nepal, Bhutan and Bangladesh apart from Indian States like Sikkim and Assam.

**Themes:**

1. System Biology: Genes to function.
2. Health and Bio medical research.
3. Insect pest, Vector Biology and management.
4. Biodiversity, Wildlife and Sustainable development.
5. Fish Biology and Aquaculture.

**University of North Bengal (NBU)**

The University of North Bengal was established by an Act of the Legislature of West Bengal in 1962 with the mission "to encourage and provide for instruction for teaching, training and research in various branches of learning and course of study; to promote advancement and dissemination of knowledge and learning and to extend higher education to meet the growing needs of society." NBU campus is well planned and picturesque with the backdrop of the Himalayan Mountain and is situated about 15 kms from New Jalpaiguri Railway Station, 10kms from Siliguri Town Bus Stand and about 5 Kms from Bagdogra Airport. It is well connected by road with Kolkata, Gauhati and Patna, Delhi, Chennai and Bangaluru. Siliguri is located in the Darjeeling District famous for its tea plantations and hill resorts.



**NATIONAL CONFERENCE ON  
ADVANCES AND INNOVATIONS IN  
BIOLOGY: CRISIS AND  
SOLUTIONS**

**March 21<sup>st</sup> & 22<sup>nd</sup>, 2020**

*Jointly Organized by*



ENLIGHTENMENT TO PERFECTION

**Department of Zoology,  
University of North Bengal.  
Raja Rammohunpur  
Siliguri, District: Darjeeling  
PIN 734013, West Bengal**

**&**

**Weather conditions**

Weather in March remains pleasant with temperature around 20°C-25°C.

**About zoological society Kolkata**

The Zoological Society, Kolkata was established on December 11, 1945. The object of the Society was "to form an association of workers in the field of Zoology for furtherance of the cause of Zoology and Zoologists." Apart from publishing the proceedings in collaboration with Springer India Pvt. Ltd. since 1948. The Society organizes several awards and competitions to encourage Young minds. Since 1961 The Society is awarding Fellowships (honoris causa) as a mark of recognition to celebrated Zoologists who can use F.Z.S. (Cal.) after their names. The society also organizes several training and capacity building programs for Students, Research Scholars and Faculties of various Institutions. The society had also organized The National Level Young Scientists' Meet (YSM II) previously.

**The Zoological Society, Kolkata,  
35, Ballygunge Circular Road,  
Kolkata 700019**

**Venue  
Conference Hall  
Department of Zoology  
University of North Bengal  
Siliguri-734013**



## ORGANIZING COMMITTEE

### Patron :

Prof.(Dr.) Subires Bhattacharyya,  
Hon'ble Vice Chancellor,  
University of North Bengal

### Chairman:

Prof. M. Bahadur, Department of  
Zoology University of North Bengal

### Conveners:

Prof. S. Homechaudhuri, Hony. General Secretary, The  
Zoological Society, Kolkata.

Prof. S. Bhattacharjee, Department of Zoology, University  
of North Bengal

### Organizing Secretaries:

Dr. T. Saha, Department of Zoology, University of North Bengal

Dr. S. Mukherjee, Department of Zoology, University of  
North Bengal

### Treasurer:

Dr. D. Saha, Department of Zoology, University of North Bengal

Dr. R. Mondal, Department of Zoology, University of North  
Bengal

### Scientific Session:

Dr. A.K. Maiti, Department of Zoology, University of North  
Bengal

### Advisory Committee:

Dr. J.R.B. Alfred, President, Zoological Society, Kolkata

Dr. Asok Kanti Sanyal, Vice-President, The Zoological  
Society, Kolkata

Dr. Kailash Chandra, Vice-President, The Zoological  
Society, Kolkata

Prof. A.K. Chakravarty, Former Professor, Department of  
Zoology, University of North Bengal

Prof. B.C. Pal, Former Professor, Department of Zoology,  
University of North Bengal

Prof. D.C. Deb, Former Professor, Department of Zoology,  
University of North Bengal

Prof. J. Pal, Former Professor, Department of Zoology,  
University of North Bengal

Prof. A. Mukhopadhyay, Former Professor, Department of  
Zoology, University of North Bengal

Prof. T.K. Chaudhuri, Former Professor, Department of Zoology,  
University of North Bengal

Prof. Sudip Barat, Former Professor, Department of Zoology,  
University of North Bengal

### Contact Details

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## Registration Details:

Registration Fee	On or before date	Late Registration
Faculty/ Scientists	Rs. 3000	Rs. 4000
Students/ Research Scholars	Rs. 2000	Rs. 3000
Accompanying Persons	Rs. 2500	Rs. 3500

*[Registration fees include Conference kit, lunch, welcome dinner and refreshments. Accompanying persons are entitled to enjoy all the facilities applicable to the delegates except conference materials and participation certificates.]*

Registration Fees should be drawn in the form of Demand Draft (DD) or Fund Transfer (NEFT) (Registration form must accompany NEFT challan) in favour of "Zoological Symposium 2020" (SBI A/C No. 38995556225) payable at State Bank of India, NBU Campus Branch (IFSC Code SBIN002096) may be sent to "The chairman: "Advances and Innovations in Biology: Crisis and Solutions."

### Accommodation

Registration fee does not include free accommodation. On the basis of request and in receipt of advance demand draft, accommodation may be arranged by the committee. Limited numbers of free accommodation may be arranged for the Young Scientists/ Research Scholars on first come first serve basis. Demand Draft for accommodation may be drawn in favour of "Zoological Symposium 2020" (SBI A/C No. 38995556225) and send positively by due date. A single demand draft for registration fees and accommodation charges may be drawn and sent to The chairman, "Advances and Innovations in Biology: Crisis and Solutions."

### Dates to Remember

- Last Date for submission of Abstract: March 10<sup>th</sup>, 2020
- Last date of registration: March 15<sup>th</sup>, 2020

### Instructions for sending the Abstracts

Press ready Abstract, not exceeding 300 words, should be sent through as CD/e-mail as an attachment in MS Word (doc) format (Times New Roman, 12 font; 1.5 line spacing) with the title, full name and designation of authors and full Institutional address and contact details of corresponding author latest by 10<sup>th</sup> March, 2020. The abstract should be mailed at [zoology\\_nbu@rediffmail.com](mailto:zoology_nbu@rediffmail.com).

## Registration Form

### NATIONAL CONFERENCE ON ADVANCES AND INNOVATIONS IN BIOLOGY: CRISIS AND SOLUTIONS

Name: .....

Designation: .....

Sex (M/F): .....

Institution/Organization:  
.....

Corresponding Address  
.....

Contact No. ....

E-mail .....

Accommodation Required (Y/N): .....

Submitted Abstract (Y/N): .....

Opted for Poster/ Oral presentation:

Accompanying Person(s) if any

Name .....

Sex (M/F) .....

Relationship .....

Food Preference (Veg/Nonveg) .....

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No. ....

Amount .....

Date ..... Place: .....

Signature .....

Please submit duly filled in registration form latest by March 15<sup>th</sup>, 2020. Photocopies of registration form may also be used. You can send the scan copy of the duly signed and filled up registration form to the Organizing Secretaries by E-mail.

## Programme Schedule



*National Conference on*  
**“ADVANCES AND INNOVATIONS IN BIOLOGY: CRISIS AND SOLUTIONS”**  
March 21<sup>st</sup> & 22<sup>nd</sup>, 2020

Venue: Conference Hall (Ground floor), Department of Zoology, University of North Bengal.

Organized by  
Department of Zoology, University of North Bengal, Siliguri 734013, West Bengal  
*in association with the Zoological Society, Kolkata*

### March 21<sup>st</sup>, 2020

<b>Registration</b>	:	9.00 AM onwards
<b>Inauguration Programme</b>	:	10.00 AM - 10.30 AM

<b>Time</b>	:	10.30 AM-11:30 AM
<b>Keynote Address</b>	:	<b>Professor Anupam Chatterjee</b> NEHU, Shilong
<b>Topic</b>	:	(to be announced)
Tea break	:	11:30 AM - 11:45 AM
<b>Scientific session I</b> <i>System Biology: Genes to function</i>		
<b>Time</b>	:	11:45 AM- 12:15 PM
<b>Lead speaker</b>	:	<b>Dr. D. Kar Chowdhuri, IITR, Lucknow</b>
<b>Topic</b>	:	(to be announced)

Time	Description
12.15 PM – 1.30 PM	: Oral Presentations (Approx. 8 papers)
	Speaker: Topic (to be announced)
1.30 PM – 2.15 PM	: Lunch
<b>Scientific session II</b> <i>Health and Bio medical research</i>	
<b>Time</b> <b>Lead speaker</b>	: 2.15 PM -2.45 PM : <b>Prof. Jogen Ch. Kalita, Gauhati University, Guwahati</b>
<b>Topic</b>	: (to be announced)
Time	Description
2.45 PM -3.45 PM	: Oral Presentations (Approx. 6 papers)
	Speaker: Topic (to be announced)
3.45 PM -4.00 PM	: Tea
<b>Scientific session III</b> <i>Insect pest, Vector Biology and management</i>	
<b>Time</b> : <b>Lead speaker:</b>	4.00 PM -4.30 PM <b>Dr. B. K. Tyagi</b> Advisor, SpoRIC, VIT University, Vellore (TN).
<b>Topic</b>	: (to be announced)
Time	Description
4.30 PM -6.00 PM	: Oral Presentations (Approx.9 papers)
	Speaker : Topic (to be announced)
6.30 PM – 7.30 PM	: Cultural Programme
7.30 PM onwards	: Gala Dinner

March 22<sup>nd</sup>, 2020

**Scientific session IV**  
**Biodiversity, Wildlife and Sustainable development**

**Lead Speaker :** **Time : 10:00- 10:30AM**  
**Dr. Goutam Narayan**  
*Advisor, Pygmy Hog Conservation Programme, Durrell Wildlife Conservation Trust  
Coordinator, Rare & Endangered Species Conservation Unit, EcoSystems-India  
Member, IUCN-SSC Wild Pig Specialist Group, Conservation Planning SG and  
Conservation Translocation SG*

**Time**                      **Description**

10:30–11.30AM :        Oral Presentations (Approx. 6 Papers)

Speaker : Topic (to be announced)

11:30 – 11.45AM :        Tea

**Scientific session V**  
**Fish Biology and Aquaculture**

**Time :**                      **11:45AM- 12:15PM**  
**Lead Speaker :**           **Prof. D. N. Das, RGU, Arunachal Pradesh**

**Topic :**                      (to be announced)

**Time**                      **Description**

12.15– 1.30PM :        Oral Presentations (Approx. 8Papers)

Speaker : Topic (to be announced)

1.30 PM – 2.15 PM :        Lunch

**Time**                      **Prof Naresh Chandra Datta Memorial Lecture**  
**Speaker**                      **2.15 – 3.00PM**  
   **Dr. Basant Kumar Das, Director, ICAR - CIFRI**

**Topic**                      **:(to be announced)**

3.00 - 4.00PM              Valedictory Followed by Hi Tea