## Department of Zoology Report July 2021 to June 2022

Online classes for the odd semester 3<sup>rd</sup> and 5<sup>th</sup> semesters (new session) started from the 31<sup>st</sup> of August 2021.

Departmental online orientation for the new batch of 1<sup>st</sup> semester Zoology Hons students took place on the 28<sup>th</sup> of September, 2021.

Offline classes after two years of lockdown started from the 16<sup>th</sup> November,2021. Covid protocol was followed for which different semester students were called on different days. Classes for 1<sup>st</sup> semester students were held on Monday and Thursday, Third Semester students were called on Tuesday and Friday whereas the fifth semester students had their classes on Wednesday and Saturday.

Bishal Rai a student of 6<sup>th</sup> semester participated in the inter department essay writing competition organized on October, 2021 by Science and Research Club of St Joseph's College, Darjeeling.



Sanskar Tamang and Yuden Tamang from the department participated in the interdepartmental power point presentation competition on 11<sup>th</sup> November, 2021 organised by Science Club of St Joseph's College and stood third.



A field trip for the students of 5<sup>th</sup> semester Zoology Hons was conducted on the 8<sup>th</sup> December,2021 to the Padmaja Naidu Himalayan Zoological Park as part of their academic syllabus. The 29 students were accompanied by the four teachers (Dr Diwakar Thapa, Dr B. Bera, Ms Barkha Rai and Ms Albina Subba) of the Dept.



The students of Zoology Dept. Ms Semanti Paul, Ms Drema and Ms Preeti Rai participated in the student's seminar presentation organized by the Science & Research Club, St Joseph's College on the 1<sup>st</sup> of April,2022 on the topic Discovery of new species.





Departmental parent's teachers meeting was held on the 29<sup>th</sup> April,2022 for 4<sup>th</sup> semester students and on the 30<sup>th</sup> April, 22 for the 2<sup>nd</sup> semester students.



Denis Kujur of fourth Sem Hons participated in 2<sup>nd</sup> Open Athletic Meet organised by Drishti khel Kudh Sangh, Lebong held on 1<sup>st</sup> May, 2022

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Publications from the Department.

1. Bera B. 2021. Using zooplankton community to assess water quality and trophic condition of Lake Saheb Bandh, Purulia, West Bengal, India. International Journal of Aquatic Science. 12(2): 4471-4498. ISSN: 2008-8019

2. Bera B.2021. Wintering Ornithofaunal Species Diversity and Abundance of an urban Freshwater Lake, West Bengal, India. Efflatounia, 5(2): 3117 – 3143. ISSN: 1110-8703

3. Bera B. 2022. Total Coliform and Fecal Coliform Bacterial Estimation Assessing Water Quality of Lake Saheb Bandh. International Journal of Aquatic Science. 13(1): 77-90. ISSN: 2008-8019

## **PUBLISHED IN EDITED BOOK:**

1. Dr. Bireshwar Bera.2021. "Biodiversity of Animals and Plants in Human Welfare". In: Biodiversity and Sustainable Resource Management (Basic to Research), Edited by: Dr. Debabrata Das, ISBN: 978-93-91681-28-9, Bharti Publications, New Delhi-110002; pp: 284-308. 2. Dr. Bireshwar Bera.2022. "National Biodiversity Authority: Guidance and Understanding". In: Biodiversity and Sustainable Resource Management (Basic to Research and Applied),Edited by: Dr. Debabrata Das, ISBN: 978-93-91681-79-1, Bharti Publications, New Delhi-110002;pp: 160-174.

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12) National Biodiversity Authority: Guidance and Understanding

> Dr. Bireshwar Bera\* \*Assistant Professor, Department of Zoology St. Joseph's College, North Point, Darjoeling, West Bengal

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INTRODUCTION

The genesis of NIA was catabilished when increasing pressure across the gabes on our biological resources during the 1% centrely due to the proving population, developments in science and technology, global warming, recolling in hisbital detoricution, exitation of science valuable intermational efforts to protect budiversity and prevent his pixes. I hadi again the Coversition on Biological Diversity (CBI) on 262 May 1992 at the United Nations Conference on Environment and Development (the Re-Tarth Samu'f).

Gardin on 9° February 2003. The National Biodiversity Authority (NMA) uses calibilited in 2020 to implementIndial's Biological Diversity Act (2022). The NHA is a Statutory, Autonomous body performs facilitative, regulatory and advisory functions for the Government of India on issues of conservation, sustainable use of biological resources and fair and explaible Sharing of benefits arising out of the use of biological resources [1, 2] Headquartees in General, Tamil Nada, additionally, Indivise State Covernments in detertifying the areas of biodiversity importance Disdoversity Autonal Biodiversity Compress/MFC, bedda Thirowanthaearean