



Dr Bireshwar Bera

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Address: Darjeeling ,West Bengal,India - 734104

Expertise

Zoology

Fish and Fisheries: Spectrophotometric Analysis of Carbohydrate Biochemistry of Freshwater Fish Helminth Parasite. PAGE; Now research work on broad areas of Ecology of Freshwater Wetlands at various parts of the Country.

Work experience

1. St. Joseph's College, Darjeeling 2010 — Present

Assistant Professor (Grade-III)
Darjeeling

2. Netaji Mahavidyalaya 2008 — 2010

Assistant Professor
Hooghly

3. Rabindra Mahavidyalaya 2008 — 2010

Assistant Professor
Hooghly

4. Institute of Environmental Studies and Wetland Management 2005 — 2008

Project Scientist
Kolkata, West Bengal, India

University of Calcutta 2001 — 2005

Project Fellow
Kolkata

6. Sonarpur Mahavidyalaya 2000 — 2001

Assistant Professor
24 Paraganas South

7. University of Calcutta 2000 — 2001

Senior Research Fellow
Kolkata

Education

1. Ph.D. - 2006

University of Calcutta

2. M.Sc. in Zoology - 1999

University of Burdwan

Honours and Awards

1. Outstanding Faculty Award - 2023

INSO Pondicherry

2. Academic Excellence Award 2022 - 2022

InSc Institute of Scholars

3. Resource Person in the “National Conference on Innovative Trends in Biological Research” - 2022

Department of Zoology and Microbiology, D. P. Bhosale College Koregaon, District- Satara (M.S.)

4. Recipient of National Scholarship - 1998

Govt. of West Bengal

5.

Research Project

Environmental Monitoring of Sahebbundh, Purulia and Preparation of its Management Action Plan

Role: Project Scientist

Year 2005, Amount Rs.180000

Biology of Pigments Developed in *Isoparorchis hypselobagri*

Role: Project Fellow

Year 2001, Amount Rs.700000

Carbohydrate Catabolism in Adult *Isoparorchis Hypselobagri* (Billet 1898)

Role: Senior Research Fellow

Year 2000, Amount Rs.100000

Developing Malaria Control Strategies through Parasitological Studies and Vector Manipulation

Role: Senior Research Fellow

Year 1999, Amount Rs. 800000

Membership In Professional Bodies

1. International Association for Biological Oceanography, 2023
Professional Member Life Time
2. InSc Membership, 2023
Professional Member Life Time
3. Journal of Parasitology and Applied Animal Biology, 2002
Life Member With Journal
4. Zoological Society of Calcutta, 2000
Life Member With Journal

Membership In Committees

1. **Disciplinary and Students' Welfare Committee, 2023**
Member
2. **Anti Ragging Committee , 2022**
Co-ordinator
3. **Research Cell, 2022**
Member
4. **Examination Committee , 2019**
Coordinator

Publication

1. **Soil,Aquatic,Agricultural Microbiology**
Dr.Radhe Shyam,Dr.A.Vijayalakshmi,A.Parvathi Priya and Dr,Bireshwar Bera
Good Writers Publishing, Volume , Year 2023, Pages 1-138
2. **Environmental Studies**
Dr. Yaser Qureshi, Dr. O. Padmaja, Dr. S. Vijaya, Mr. Ravindra Dhondibhau Hande and Dr. Bireshwar Bera
Environmental Studies, Volume 1, Year 2023, Pages 1-263
3. **Some Major Tea Agricultural Pest of Darjeeling: Bionomics and Nature of Damage**
Dr.Bireshwar Bera
Fundamentals of Agriculture and Crop Production(Research and Applied), Volume , Year 2023, Pages 131-155
4. **Urbanization and Its Impact on Environmental Sustainability: A Comprehensive Review**
Dr. Bireshwar Bera¹ , Dr. Sandeep Chinta² , Dr. Darshan A. Mahajan³ , Dr. Allika Sailaja⁴ , Dr Rashmi Mahajan⁵
Journal of Harbin Engineering University, Volume Vol 44 No. 8, Year 2023, Pages 1310-1318
5. **Investigating the Effects of Climate change on Biodiversity**
Dr.BireshwarBera,PoonamBera,Dr.NidhiArora,Ms.AnubhaDwivedi,Dr.L Malleswara Rao
Journal of Survey in Fisheries Sciences, Volume 10(1S), Year 2023, Pages 5924-5939
6. **SOME COMMON ORCHIDS OF DARJEEING: PHYTOCHEMISTRY AND HERBAL USES**
Dr. Bireshwar Bera
Medicinal and Aromatic Plants in and around Protected areas of the Indian Subcontinent, Volume , Year 2023, Pages
7. **Total Coliform and Fecal Coliform Bacterial Estimation Assessing Water**

Quality of Lake Saheb Bandh

Dr.Bireshwar Bera

International Journal of Aquatic Science, Volume 13(1), Year 2022, Pages 77-90

8. Local Ornithofaunal Diversity of Darjeeling Hill Area

Dr.Bireshwar Bera

Birds Around Us: Science and Emotion, Volume , Year 2022, Pages

9. National Biodiversity Authority: Guidance and Understanding

Dr.Bireshwar Bera

Biodiversity and Sustainable Resource Management (Basic to Research and Applied), Volume , Year 2022, Pages 159-173

10. Species Diversity: Components, Importance, Threats and Conservation

Dr.Bireshwar Bera

Biodiversity of Our Mother Earth, Volume , Year 2022, Pages 102-125

11. IN-SITU AND EX-SITU STRATEGY FOR BIODIVERSITY CONSERVATION

Dr.Bireshwar Bera

Fundamentals of Biodiversity, Volume , Year 2022, Pages 115-169

12. Ramsar Wetlands in India: Its Type and Importance

Dr.Bireshwar Bera

Environment and Sustainable Development Problems, Prospects and Mitigation (ESDPPM), Volume , Year 2022, Pages 163-203

13. Ethnomedicinal Plants: Used As Traditional Medicine By Indigenous Peoples In Darjeeling

Dr.Bireshwar Bera

Medicinal Plants and Traditional Knowledge in the Indian Subcontinent, Volume , Year 2022, Pages 148-178

14. Soil Microorganisms With Effects

Dr.Bireshwar Bera

Plant Soil Microbial Interactions(Theory to Applications), Volume , Year 2022, Pages 32-54

15. Ethnozoology: Uses of Animals for Human Well-Being

Dr.Bireshwar Bera

Ethnobotany and Ethnozoology, Volume , Year 2022, Pages 161-183

16. Local Ornithofaunal Diversity of Darjeeling Hill Area

Dr.Bireshwar Bera

Birds Around Us: Science and Emotion, Volume , Year 2022, Pages 1-24

17. Using zooplankton community to assess water quality and trophic condition of Lake Saheb Bandh, Purulia, West Bengal,India

Dr. Bireshwar Bera

International Journal of Aquatic Science, Volume 12(2), Year 2021, Pages 4471-4498

18. **Wintering Ornithofaunal Species Diversity and Abundance of an urban Freshwater Lake, West Bengal, India**
Dr.Bireshwar Bera
Efflatounia, Volume 5(2), Year 2021, Pages 3117 – 3143
19. **Biodiversity of Animals and Plants in Human Welfare.**
Biodiversity and Sustainable Resource Management (Basic to Research), Year 2021
20. **Biodiversity of Animals and Plants in Human Welfare**
Dr.Bireshwar Bera
Biodiversity and Sustainable Resource Management Edited by Dr. Debabrata Das Associate Professor & Head, Department of Botany Govt. General Degree College, Lalgargh, Jhargram, West Bengal Bharti Publications New Delhi- 110002 (INDIA) (Basic to Research), Volume , Year 2021, Pages 284-308
21. **FAUNAL COMPOSITION OF BENTHIC MACRO INVERTEBRATES AND THEIR IMPORTANCE IN AN URBAN FRESH WATER LAKE ECOSYSTEM**
Bireshwar Bera
International Journal of Research and Analytical Reviews , Volume 6(2), Year 2019, Pages 139-147
22. **Nutrient modeling of an urban lake using best subset method**
Biswas J.K.;Bera B.;Chanda R.;Sarkar S.K.;Majumdar J.;Majumder S.;Hazra S.
International Journal of Environmental Science and Technology, Volume 15, Year 2017, Pages 1867-1878
23. **Some Enzymes of Tricarboxylic Acid Cycle and Metabolites of Carbohydrate Metabolism in Adult Isoparorchis hypselobagri (Digenea: Trematoda) During in vitro Starvation**
Bera B. and Manna B.
International Journal of Industrial Entomology, Volume 18(2), Year 2009, Pages 91-95
24. **A report on glucose uptake and leakage rate in adult Isoparorchis hypselobagri (Digenea:Trematoda)**
Bera B. and Manna B.
Punjab University Research Journal(Sci.), Volume 57, Year 2007, Pages 117-123
25. **Effect of Starvation on Some Glycolytic Enzymes in Adult Isoparorchis hypselobagri (Billet, 1898) (Trematoda: Digenea)**
Bera B. and Manna B.
Research Journal of Parasitology, Volume 2(2), Year 2007, Pages 76-81
26. **Pyruvate Kinase and Phosphoenolpyruvate Carboxykinase Activity in Adult Isoparorchis hypselobagri (Digenea:Trematoda)**
Bera B. and Manna B.
Research Journal of Parasitology, Volume 5(4), Year 2007, Pages 286-291
27. **Effect of starvation on glucose and glycogen content in different body weight groups of Isoparorchis hypselobagri (Billet, 1898) (Digenea:Isoparorchidae).**
1. Bera B., Das-Chattopadhyay A., Bandopadhyay K. and Manna B.
Journal of Parsitology and Applied Animal Biology, Volume 11(1&2), Year 2002, Pages 43-48

28. A report on a *Procamallanus Ludhianensis* Duggal and Kaur, 1999 (Nematoda, Camallanidae, Procamallaninae) from the Swim-bladder of *Wallago attu* from West Bengal, India.

Pal U S., Bera B. and Manna B.

Journal of Parasitology and Applied Animal Biology, Volume 11(1 & 2), Year 2002, Pages 9-18