

Participation of Zoology students and teachers in different conferences related to environmental awareness, climatic changes that helped student extension related to environmental awareness

Environmental awareness is essential to demonstrate how humans can protect and preserve their natural resources. Educating the population can reduce the use of plastics and water waste while promoting recycling to reduce landfill waste.

It is very important to make public aware about the deadly consequences of the environmental degradation as it would lead to massive extinction of life if left unattended and reformative measures are not undertaken.

Objectives of participation in environmental seminar

To aware the students and other social groups to acquire sensitivity to the environment and its problems and help them to acquire a set of values for environmental protection.

Higher levels of environmental knowledge correlate significantly with a higher degree of pro-environment and conservation behavior. The more people know, the more likely they are to recycle, be energy efficient, conserve water, etc.

1. Teachers and students of Zoology Department presented paper and published abstract on **environmental awareness, Monitoring of Water Quality** in International Conference on “Green Bio-Merge 2024: International Conference On: Enhancing Health Through Environment, Biotechnology and Entrepreneurship” at Brainware University campus, Kolkata dt February 22 to 24, 2024. It helped student extension related to environmental awareness. Our students emphasized on recent development of **Bioremediation in order to reduce the amount of pollution.**



2. Teachers and students of Zoology Department presented paper and published abstract on macrophages of teleosts as key parameter of environmental pollutants at BIO-COLLOQ (An One Day Conference for the Multidisciplinary Biological Sciences) organized by Department of Zoology, Ramakrishna Mission Vivekananda Centenary College and Academy of Biodiversity Conservation, Kolkata dt. 6th January, 2024



3. Dr. Srikanta Guria and Rahit Ali presented paper and published abstract on Observation of macrophages of teleosts **as indicators of chemical pollutants** at One Day National Seminar 2023 On “Chemistry in Biology” organized by The Department of Chemistry, Shri Shikshayatan College in collaboration with Indian Photobiology Society dt.19th Dec. 2023

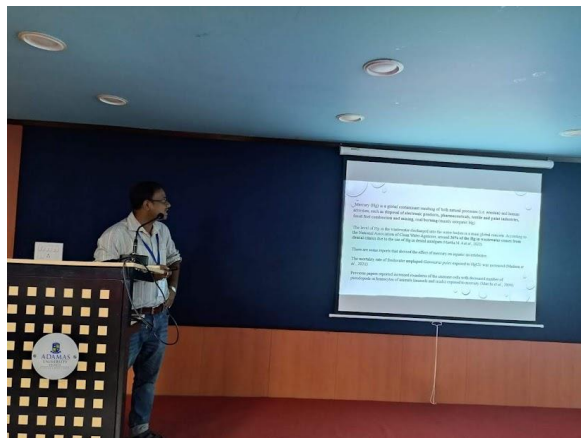




4. Pg students of Zoology department participated in National conference on Modern Approaches in Biological Sciences Organized by Department of zoology of Sree chaitanya college, Habra dt.10.10.2023. Most of them presented papers on environment. Students emphasized on air pollution before and during covid 19 lockdown.



5. Dr. Srikanta Guria * and Rahit Ali presented paper and published abstract on metal pollution in BioNext 2023: 3rd International Conference on Translational Research towards attaining “Good Health & Well Being”. Organized by School of Life Science and Biotechnology, Adamas University In collaboration with The Society of Biological Chemists (I), Kolkata Chapter & Microbiologists Society, India (MBSI) dt. 4th - 6th October 2023



6. Dr. Srikanta Guria, Ohidul Middya, Asik Billa Hossain and Debrina Saha presented paper **on pollution , biomonitor** at Two-day National Seminar on Recent Trends in Biochemistry and Molecular Biology Organized by Department of Chemistry, Zoology and Microbiology In collaboration with IQAC, Rishi Bankim Chandra College on 27-28th April, 2023



7. PG students participated in Oral and poster presentation at conferences of ECPT/P-09/2023 Eminent College of Pharmaceutical Technology Barasat, in association with Bioequivalence Study Centre Jadavpur University on 3rd & 4th March, 2023 that helped in student extension related to development of soft skills, research ideas

3rd & 4th March, 2023

Total number=3

<https://bgc.ac.in/pdf/activities/zoology/FINAL%20ZOOLOGY%20news%20letter%20IQAC%20as%203%20years.pdf>

Participation and Oral and poster presentation at conferences of ECPT/P-09/2023



FIG: Oral and poster presentation at conferences of ECPT/P-09/2023 Eminent College of Pharmaceutical Technology Barasat, in association with Bioequivalence Study Centre Jadavpur University on 3rd & 4th March, 2023

8. M.Sc. SEM-IV Student of Post Graduate Dept. of Zoology, Barasat Government College attended Two Day International Conference “Zoo-Spectra 2022” organized by Dept. of Zoology, University of Calcutta on 5th-6th December, 2022 & presented Poster.

It helped in student extension related to development of soft skills, research ideas

5th-6th December, 2022

Total number=1

<https://bgc.ac.in/pdf/activities/zoology/FINAL%20ZOOLOGY%20news%20letter%20IQAC%20las%203%20years.pdf>

Participation and Paper Presentation at Conference

One of the Teachers (SACT) & M.Sc. SEM-IV Student of Post Graduate Dept. of Zoology, Barasat Government College attended Two Day International Conference “Zoo-Spectra 2022” organized by Dept. of Zoology, University of Calcutta on 5th-6th December, 2022 & presented their Oral & Poster Presentation respectively. Student emphasized on assessment of environmental toxicity.



FIG: Student and teachers presented their research papers at “Zoo-Spectra 2022”

9. M.Sc. Sem-IV Entomology & Ecology & Environmental Biology Special Paper students of Barasat Government College attended National Conference on “Climate Change Issues & Sustainable Development” jointly organized by Dept. of Zoology, A.P.C. College, & International Academy of Science & Research (IASR), Kolkata in association with Global Warming Reduction Centre, At Acharya Prafulla Chandra College & presented their research papers ZOOLOGY help in student extension related to development of soft skills, research ideas

11-12 May 2023

Total number=2

<https://bgc.ac.in/pdf/activities/zoology/FINAL%20ZOOLOGY%20news%20letter%20IQAC%20las%203%20years.pdf>

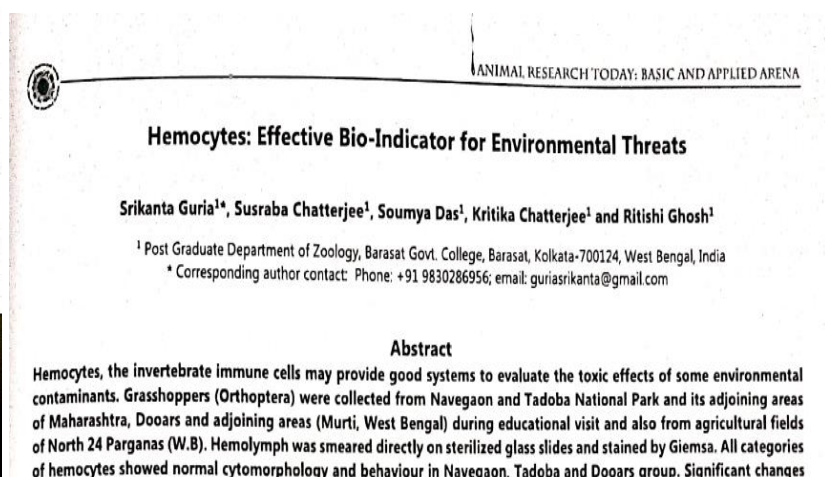
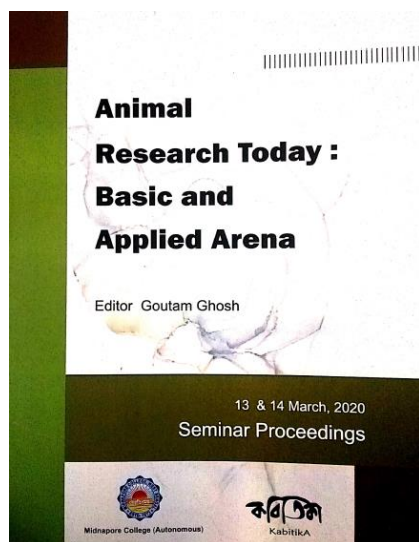


FIG: Students presented their research papers at Acharya Prafulla Chandra College

10. Dr. Srikanta Guria Presented papers on **The Ecological Consequences of Environmental Pollutants and Risk of Diabetes Mellitus** at International Webinar on Ecology, Restoration and Management by International Academy of Science and Research (IASR), Kolkata; Barrackpore Rastraguru Surendranath College, West Bengal and Scientific and Environmental Research Institute (SERI), West Bengal DT. 12 - 13 – 14 June, 2021



11. Dr. Srikanta Guria*, Susraba Chatterjee, Soumya Das, Kritika Chatterjee¹ and Ritishi Ghosh presented papers on Hemocytes: Effective Bio-Indicator for Environmental Threats at National level seminar on Animal Research Today: Basic and Applied Arena Department of Zoology, Midnapore College (Autonomous) sponsored by RUSA 2.0 (Component 8) (MHRD, Govt of India) dt.13th and 14th March, 2020.



12. Dr. Srikanta Guria and Susraba Chatterjee participated and presented papers on effectects of pollutants in (LS-08) National Conference On Future India: Science and Technology organiged by City College, Kolkata and Indian Science Congress Association, Kolkata Chapter dt. 27-28 February,2019

Different Categories of Haemocytes Found in Insects (Orthoptera) Collected From Navegaon and Tadoba National Park and Its Adjoining Areas

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