

TUSHAR KANTI ROY

Assistant Professor

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91-9432866363

Education

2022 Ph.D. in Zoology
West Bengal State University, Barasat, West Bengal

2005 M.Sc. in Zoology
Ballygung Science College (CU), Kolkata, West Bengal

2003 B.Sc. in Zoology
Barasat Government College, Barasat, West Bengal

Skill

Soft Skill

- Leadership
- Teamwork
- problem solving
- Time Management
- Creativity
- Motivation

Hard Skill

- Classroom Teaching
- Research
- Mentoring
- Curriculum Design
- Data Analysis
- Grant Writing
- Project Management

Awards

Dec 2006 | Council of Scientific & Industrial Research
Lecturership (NET) in Life Sciences

Jun 2007 | Council of Scientific & Industrial Research
JRF in Life Sciences under CSIR fellowship scheme

Language

Bengali-Natuve

English- Professional

Hindi- Intermediate

Profile

Enthusiastic Assistant Professor who is dedicated to zoology. Put an emphasis on combining research, active learning, and student-centered teaching. Make use of technology, ask for criticism, and serve as a mentor to your students. For great outcomes, stay connected, stay informed, and find inspiration outside of the classroom.

Work Experience

Apr 2010- Present
Mrinalini Datta Mahavidyapith, Birati, Kolkata-51
Assistant Professor in Zoology
High academic standards are upheld as an Assistant Professor of Zoology through a research-based teaching methodology. Strategic lesson design facilitates the delivery of captivating lectures, seminars, and tutorials that increase productivity. Exceptional results are also fostered by student support, which includes remedial instruction.

Oct 2007-Apr 2010
Bidhanpally Hish Sclool, Bidhanpally, Kolkata
Assistant Teacher
Encouraged and promoted good behavior in the classroom, supported students' overall growth, mentored them for desired grades, facilitated thought-provoking conversations, and oversaw their projects to promote deeper learning..

Apr 2007-Oct 2007
Chittaranjan National Cancer Institute, Kolkata
Junior Research Fellow
Analyzed and disseminated research data, contributed to funding presentations, reviewed research objectives and methodologies, and created summaries of research findings.

Dec 2006-Mar 2007
Taki Governmnt College, Taki
Part Time Lecturer
Delivered the curriculum using a variety of teaching techniques, including creative ways, and prepared and gave lectures as needed.

Conferences

- Participated in national Conference on CME in Immunology organised by Department of Zoology, WBSU and Indian Immunology Society, New Delhi. Nov 4-5, 2011.
- Participated in 5 days (2011) workshop for Orientation and Training in Ecological Studies and Documentation of Biodiversity. organised by Department of Zoology, WBSU and West Bengal Biodiversity Board.
- Organised UGC sponsored National Conference on Biodiversity: Interrelationship between flora, fauna and human. 29-30 September 2013.
- Participated in one day state Level workshop on Mathematics, Computer Science and Cryptology organized by department of Mathematics and computer science in association with R C Bose centre of Cryptology and Security, ISI, Kolkata on 23rd August, 2016.
- ·Participated in science Academics' Lecture Workshop on Recent trends in Chemistry and Biology organized by Science Forum, Mrinalini Datta Mahavidyapith from 4th – 6th, March, 2017.
- ·Impact of Pollution on the weaving behavior of male fiddler Crab. National Conference on Ethology and Climate Change. Date: 17.10.2016. Sarojini Naidu College for Women Kolkata, West Bengal.
- ·Combined effect of Cypermethrin and pH on reproductive health of Cyprinid fish Puntiusjavanicus- A Toxicological Study. Recent Development in Zoological Sciences (RDZS-2017). Date: 27.02.2017
- ·Cat Dander and Its Effect on Human Health. International Conference on Contemporary Health Issues and Environmental Impact. Date: 30.11.2017
- ·Polymerase Chain Reaction (PCR): a simple idea that changed the Fate of Molecular Biology. Re-Thinking Renaissance: Perceptios and Representation. 15.12.2017. Dept. of English and History in collaboration with Dept. of History, WBSU.
- Participated in International Seminar on 'Quit India and Bengal: Struggle for Independence' organized by Department of History, Mrinalini Datta Mahavidyapith on 31st August, 2018
- Hypersensitivity. Extension Lecture (Resource person). Date: 27.11.2018. East Calcutta Girls College, Lake Town.
- Apoptosis. Extension Lecture (Resource person). Date: 12.02.2019. East Calcutta Girls College, Lake Town.
- Participated in National Science day Lecture Programme held in MrinaliniDattaMahavidyapith on 28th February, 2019.
- ·Man- Tiger Conflict in Sundarbans.TIGERS Date: 26-27 February, 2019. Dept. of English, Ramakrishna Mission Vidyamandira in association with wild Life Trust of India.
- ·Some common allergens and their effect on human.How to Checkmate Cancer- the Emperor of Maladies Date: 06.03.2020. Dept. of Zoology, Ramakrishna Mission Vidyamandira.
- ·Participated in Seminar on ' 200 years of Bengal Dictionary' organized by Central Library in collaboration with Departent of Bengali, MrinaliniDattaMahavidyapith on 14th February, 2020
- ·Participated in Faculty Development Programme on 'Recent Trends in Life Sciences' organized by Barasat College in collaboration with IQAC held from 07th-20th September, 2020.

Publication

- Impact of Cypermethrin 25% EC and pH on Certain Haematological Parameters of Cyprinid Fish Puntius javanicus. Page No. 182-192 (Vol: 7). International Journal of Zoological Investigations Published on 09.05.2021. Peer Reviewed. Impact Factor: 2.984
- Effect of Cypermethrin 25%EC, an Endocrine Disrupting Chemical and pH on reproductive Health of Puntius javanicus. Page No. 217-229 (Vol: 7). International Journal of Zoological Investigations Published on 09.05.2021. Peer Reviewed. Impact Factor: 2.984
- Impact of Landuse Change and Habitat degradation on Butterfly Diversity of Rajarhat Newtown, West Bengal. Page No. 93-100 (Vol: 13/3). Advances in Bioresearch. Published on 18.05.2022.
- Comparative Study of Frequency and Time Budjet of Different Behaviors Between Two Fiddler Crab Species, Uca Arcuata and Uca Complexa in Muddy Substrate of Bakkhali Mangrove Forest. Proceedings of UGC sponsored International Conference. Biodiversity: Interrelationship Between Folra, Fauna Human. ISBN: 978-81-929410-0-4. Page No: 150-153.
- A Comparative Study of Behavior of Deer in Zoological Garden, Alipur, Kolkata. Annual Journal . Mrinalini Datta Mahavidyapith 2014-15. ISSN 2277-4718. Page No. 223-228.
- Embryo toxicity of Cypermethrin, a Synthetic Pyrethroid Insecticide, in Zebrafish (In Press)
- A Review on ethologial model of Zebrafish larvae as a tool for Pre-Clinical Trials and Medicinal Screening (In Press)
- Water Quality Analysis of Water bodies in Barrackpore Industrial Belt (In Press)

Completed Research Project

UGC Funded Minor project
'Combined effect of Cypermethrin and pH on reproductive health of Cyprinid fish Puntius sarana sarana- A toxicological study'.
2014-2016.
4.1 Lakh

Review of Research Articles

Acting as a reviewer of International Journal of Environment and Climate Change
indexing: Ebsco, Proquest, Index Copernicus, Google Scholar, NAAS- 5.13 (2022)

Membership

- ·Life member of Science Congress Association
- ·Life member of Zoological Society India

References

Sumit Homechaudhuri
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University of Calcutta, India
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West Bengal State University, India
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samir0804@gmail.com

Nirmal Kumar Sarkar
Professor
Department of Zoology
Presidency University, India
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