

FACULTY MEMBER ACADEMIC PROFILE

1. **Name of the Faculty member:** Dr. IVY KUNDU
2. **Designation:** Assistant Professor in Zoology (W.B.E.S.) &
Head of the Department, Zoology
3. **Qualification:** M.Sc. (C.U.), B.Ed. (C.U.), Ph.D. (K.U.)
4. **Specialization:** Endocrinology, Parasitology & Immunology
5. **E-mail address:** ivy_kundu@rediffmail.com
6. **Date of Joining in W.B.E.S.:** 25.11.2006
7. **Date of Joining in this College:** 15.11.2011
8. **Total Teaching experience in College level:** 11+ years
9. **Research interests:** Parasitology and Immunology
10. **Title of thesis (Ph.D.) with year:** “Identification and Pathobiology of Protozoan and Helminth Parasites of Live fishes in West Bengal with Special Reference to Its Control Measures” (2018)
11. **Research guidance:** Nil
12. **Research Projects (Ongoing):** 01



Year	Name of PI	Title of Project	Amount (in Rs.)	Duration	Funding Agency with date
2016 - 2018	Ivy Kundu	Studies on isolation, identification of helminth parasites with reference to their effect on pathophysiology of jeol fishes and control by use of phytochemicals	5.38 lakhs	2 years	WB-DST Research Project, 1025(Sanc)/ ST/ P/ S&T/ 1G-22/2014, Dated- 15.02.2016

13. **List of publications:**

A) Published papers in Journals:

1. “Effects of Thiamethoxam on Liver Protein of Oreochromis niloticus (Trewavas)”, S. Nath, S. Bose and **I. Kundu**, *Proceedings of the Zoological Society*, **2012**, 65(2), 118-120 [ISSN 0373-5893; IF: 1.54].
2. “Prevalence of helminth parasites infecting *Channa punctatus* Bloch, 1793 from Nadia district of West Bengal”, **I. Kundu**, P.K. Bandyopadhyay and D.R. Mandal, *IOSR-JAVS*, August, **2015**, 8(I), 41-46 [ISSN 2319-2372; IF: 3.26].

3. “Study of Pathophysiological Effects of the Nematode Parasite *Eustrongylides* sp. on Freshwater Fish *Channa punctatus* by Hematology, Serum Biochemical, and Histological Studies”, **I. Kundu**, P.K. Bandyopadhyay, D.R. Mandal and G. Gurelli, *Turkish Journal of Parasitology*, March, **2016**, 40(1), 42-47 [[e-ISSN 2146-3077](#)].

B) Chapter in Books:

“A Preliminary Survey of Biomedical Wastes Generation and Management in District Malda - A Case Study”, **I. Kundu** and D. Ray, In ‘*Recent Advances in Animal Science Research*’, Ed. P. Barman, **2011**, Vol. VIA, 12-16 [[ISBN 81-88094-02-9](#)].

14. Membership of Learned Societies/ Editorial Boards, etc.:

1. Life Member of Indian Science Congress
2. Life Member of Zoological Society

15. Patents: Nil

16. Awards: Nil

17. Other notable activities:

1. Supervised one-day Excursion of **55 students** of **UG 2nd Year (Hons & Gen)** to Zoological Garden, Kolkata on **05.03.2013**.
2. Supervised one-day Excursion of **22 students** of **PG Semester-2 & 4** to CIFA, Kalyani on **16.08.2014**.
3. Supervised one-day Excursion of **35 students** of **UG 1st Year (Hons)** to Sericulture Research Institute, Ranaghat on **23.02.2017**.
4. Supervised educational Excursion of **31 students** of **UG 1st Year (Hons)** to Digha, West Bengal from **15.01.2018 to 17.01.2018 (3 days)**.

18. A) Participation in Seminars/Symposia/Conferences/Workshops:

Seminars:

1. **Participated** in a **National Level Seminar** on ‘*Challenges in Biodiversity and Resource Management*’, organized by Department of Zoology University of Kalyani in collaboration with West Bengal Biodiversity Board on **26th- 27th February, 2013**.
2. **Presented a paper** entitled “*In vitro control of helminth parasites of edible fishes with the help of plant extract*” in the UGC-sponsored **National Conference** on ‘*Advances of Life Sciences and Radiation Biology*’ organized by Department of Zoology, University of Burdwan on **17th-18th February, 2017**.
3. **Presented a paper** entitled “*Morphometric studies of helminth parasites found in Channa punctatus Bloch, 1793 by Light and Scanning Electron Microscopy*” in UGC-SAP sponsored **National Seminar** on ‘*Effect of Climate Change on Faunal Diversity*’, organized by Department of Zoology, University of Kalyani on **27th February, 2017**.
4. **Presented a paper** entitled “*Scanning Electron Microscopy (SEM): A Suitable Technique for studying morphotaxonomy and pathophysiological effects of helminth parasites in Channa punctatus*” in TEQIP-Phase II CoE, University of Calcutta sponsored **National Seminar &**

Workshop on '*Scientific Devices, Technology Applications & Community Linkage*', organized by TEQIP and Centre of Excellence, University of Calcutta on **18th-19th March, 2017**.

Workshops:

1. **Participated in National Level Workshop** for College Teachers entitled '*Applications of Flow cytometry, Cell sorting and Imaging in Research*' organized by Centre for Research in Nanoscience & Nanotechnology, University of Calcutta from **18th- 24th December, 2011**.
2. **Participated in a Workshop** entitled '*Workshop on Essentials Techniques in Cell Molecular and Field Biology*' organized by Department of Zoology, West Bengal State University from **7th - 21st March, 2016**.

B) Participation in OP/RC:

1. **Participated** in the UGC sponsored **Refresher Course** on '*Environmental Studies*', organized by the Academic Staff College, University of Calcutta from **6th - 26th March, 2013**.
2. **Participated** in the UGC sponsored **Refresher Course** on '*Biotechnology*', organized by the UGC-HRDC, University of Calcutta from **6th - 26th November, 2018**.