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

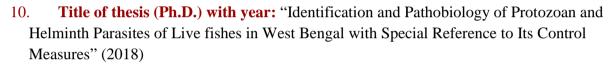
5. E-mail address: ivy_kundu@rediffmail.com

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



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 1**st **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 **26**th- **27**th **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 **7**th **21**st **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 **6**th **26**th **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.