

FACULTY MEMBERS' ACADEMIC PROFILE

- 1. Name of the Faculty member:** Dr. CHANDAN SARKAR
- 2. Designation:** Assistant Professor in Zoology (W.B.E.S.)
- 3. Qualification:** M.Sc., B.Ed., Ph.D.
- 4. Specialization:** Environmental Biology & Ecotoxicology
- 5. E-mail address:** chandan.kgczoo@gmail.com
- 6. Date of Joining in W.B.E.S.:** 03.03.2015
- 7. Date of Joining in this College:** 03.03.2015
- 8. Total Teaching experience in College level:** 7 years 11 months (UG + PG)
- 9. Research interests:** Fish & Fisheries, Ecotoxicology, Biodiversity, Limnology
- 10. Title of thesis (Ph.D.) with year:** Studies on the effects of Triazophos, Spinosad, Cypermethrin on some aquatic organisms and evaluation of ecological health of wetlands through water quality assessment; 2022.
- 11. Research guidance:**
 - a. At Doctoral level: Nil
 - b. At P.G. level: 30 dissertations.
- 12. Research Projects (Completed and ongoing):** Nil
- 13. List of publications:**

**A) Publications in Journals:**

1. "A study on the acute toxicity of Triazophos to *Branchiura sowerbyi* (Beddard, 1982) and their behavioural changes", **C. Sarkar**, S. Bej and N. C. Saha, *International Journal of Scientific Research*, May, **2016**, 5(5), 665-667 [ISSN 2277-8179].
2. "Acute toxicity of Triazophos to common carp (*Cyprinus carpio*) fry and their behavioural changes", **C. Sarkar**, S. Bej and N. C. Saha, *Paripex-Indian Journal of Research*, June **2016**, 5(6), 19-21 [ISSN 2250-1991].
3. "A study on acute toxicity of an insecticide Triazophos on zooplankton *Cyclops viridis* (Jurine, 1820) along with the changes in their behavior", **C. Sarkar** and N. C. Saha, *Global Journal for Research Analysis*, November, **2016**, 5(11), 240-241 [ISSN 2277-8160].
4. "Effects of a Pyrethroid insecticide Cypermethrin on benthic Oligochaete worm, *Branchiura sowerbyi* (Beddard, 1982)", **C. Sarkar** and N. C. Saha, *Global Journal for Research Analysis*, July **2017**, 6(7), 499-500 [ISSN 2277-8160].
5. "Assessment of effluent water quality of S.P. Paper Board Mill, Barasat, West Bengal", **C. Sarkar**, *International Journal of Scientific Research*, August, **2017**, 6(8), 144-145 [ISSN 2277-8179].
6. "Jalangi River and its Fish diversity: A review", P. Khan and **C. Sarkar**, *Global Journal for Research Analysis*, August, **2017**, 6(8), 569-572 [ISSN 2277-8160].

7. "Fishing crafts and gears used in Assam: A review", **C. Sarkar**, *Conscientia*, November, **2017**, 5: 61-71 [ISSN 2278 – 6554]
8. "A Review on Food and Feeding Behaviour of Fishes", R. Pal and **C. Sarkar**, *Conscientia*, November, **2017**, 5: 79-84 [ISSN 2278 – 6554]
9. "Acute toxicity of a Biopesticide Spinosad to benthic Oligochaete worm, *Branchiura sowerbyi* and the fry of Common Carp, *Cyprinus carpio*", **C. Sarkar** and N. C. Saha, *Int. J. of Life Sciences*, March, **2018**, 6(1), 187-193 [ISSN 2320-7817 (P); 2320-964X (O)]
10. "Evaluation of Acute Toxicity Levels and Behavioral Changes to the Fry of Common Carp, *Cyprinus carpio* (Linnaeus, 1758) Under Exposure of a Pyrethroid Insecticide Cypermethrin.", **C. Sarkar** and N. C. Saha, *Research & Reviews: A Journal of Life Sciences*, August, **2018**, 8(3): 102-107. [ISSN: 2249-8656 (Online), ISSN: 2348-9545 (Print)].
11. "Toxicological impacts of Endosulfan on Histopathology and Haematological parameters of Fish: A Review", S. Ghosh and **C. Sarkar**, *Conscientia*, December, **2018**, 6: 34-45 [ISSN 2278 – 6554]
12. "A study on acute toxicity of a herbicide Fenoxaprop-P-Ethyl on *Heteropneustes fossilis* along with their behavioural changes", **C. Sarkar**, S. Mukherjee and N.C. Saha, *Research & Reviews: A Journal of Life Sciences*, **2020**, 10(1): 12–17 [ISSN: 2249-8656 (Online), ISSN: 2348-9545 (Print)]
13. "Fenvalerate Toxicity on Fish: A Review", **C. Sarkar**, D. Halder and N.C. Saha, *Research & Reviews: Journal of Veterinary Science and Technology*, **2020**, 9 (2 and 3): 6-13 [ISSN: 2319-3441 (Online), ISSN: 2349-3690 (Print)]
14. "Immunotherapy: A Life Saving Treatment". M. Ghosh and **C. Sarkar**, *International Journal of Cell Biology and Cellular Processes*, **2020**, 6(2): 1–9
15. "Seasonal Variation of Water Quality Parameters and Their Impact on Fish Biodiversity Indices of Hasadanga Beel: A Case Study". **C. Sarkar** and N. C. Saha, *Current World Environment*, **2021**, 16(1): 07-17 [ISSN: 0973-4929], DOI: <http://dx.doi.org/10.12944/CWE.16.1.03>
16. "A Study on the Seasonal Fluctuation of Water Quality Parameters and Ichthyofaunal Diversity in Determination of Ecological Health of Mathura Beel, a Floodplain Wetland of West Bengal", **C. Sarkar**, S. Bej and N.C. Saha, *Ecology, Environment & Conservation*, **2021**, 27 (2): 790-798. [ISSN 0971–765X] (SCOPUS IF: 0.16)
17. "A comparative study on the acute toxicity of biopesticide spinosad and pyrethroid insecticide cypermethrin on Zooplankton *Cyclops viridis* (Jurine, 1820) along with their behavioural changes", **C. Sarkar**, A. Barik and N.C. Saha, *Indian Hydrobiology*, **2021**, 20(1): 91-102 [ISSN 0971-6548]
18. "Toxicity of Alpha-Cypermethrin on Fish", P. Mohanta and **C. Sarkar**, *Research & Reviews: Journal of Veterinary Science and Technology*, **2021**, 10(2): 33–38 [ISSN: 2319-3441 (Online), ISSN: 2349-3690 (Print)]
19. "Ecotourism in Mizoram: Problems and Prospects", **C. Sarkar**, *Research & Reviews: Journal of Ecology*, **2021**, 10(3): 01–05 [ISSN: 2278-2230]
20. "A Study on Current Situation of Fish Market in India: Problems and Prospects", P. Mohanta and **C. Sarkar**, *Research & Reviews: Journal of Veterinary Science and Technology*, **2021**, 10(3): 01–06 [ISSN: 2319-3441 (Online), ISSN: 2349-3690 (Print)]
21. "Threats and conservation of Gharial (*Gavialis gangeticus*) in Indian subcontinent: a review", S. Chakrabarty and **C. Sarkar**, *Conscientia*, December **2021**, 9: 75-93 [ISSN 2278 – 6554]

22. "A study on the effects of organophosphate insecticide Triazophos, a biopesticide Spinosad and a pyrethroid insecticide Cypermethrin on Oxidative stress biomarkers of *Branchiura sowerbyi* (Beddard, 1892)", **C. Sarkar**, A. Chatterjee, A. Barik and N. C. Saha, *Nature Environment and Pollution Technology*, **2022**, 21(2): 787-793, DOI: <https://doi.org/10.46488/NEPT.2022.v21i02.043> [p-ISSN: 0972-6268, e-ISSN: 2395-3454]
23. "Diversity and Evenness Measures of Insects Inhabiting *Calotropis procera* from four Study Areas of North 24 Parganas and Hooghly District of the State West Bengal", **C. Sarkar**, *Research & Reviews: Journal of Ecology*, **2022**, 11(1): 01-06 [ISSN: 2278-2230]
24. "Invasive Fish Species in India: Challenges, Threats and Impacts", N. C. Saha, **C. Sarkar** and A. Raha Roy, *Research & Reviews: Journal of Ecology*, **2022**, 11(1): 07-14 [ISSN: 2278-2230]
25. "Toxicological Impacts of Heavy Metals on Fish", A. Raha Roy and **C. Sarkar**, *Research & Reviews: Journal of Veterinary Science and Technology*, **2022**, 11(2): 1-5. [ISSN: 2319-3441 (Online), ISSN: 2349-3690 (Print)]
26. "Seasonal Fluctuation of Limnological Parameters and Their Impact on Ichthyofaunal Diversity of Chhariganga Oxbow Lake, West Bengal: A Case Study", **C. Sarkar**, *Indian Hydrobiology*, December **2022**, 21(2): 52-59. [ISSN: 0971-6548]
27. "Effects of Formalin and Alcohol Preservation on Fishes' Growth", S. Biswas and **C. Sarkar**, *Communique, An Academic Journal of Durgapur Government College*, December **2022**, [ISSN: 0973-8584] (Accepted)
28. "A Study on the Adverse Effects of the Heavy Metal Cadmium on Fishes", H. Chakraborty and **C. Sarkar**, *Communique, An Academic Journal of Durgapur Government College*, December **2022** [ISSN: 0973-8584] (Accepted)

B) Publications in Conference Proceedings:

1. "Study on seasonal variation of physicochemical properties and their effect on fish diversity of Chhariganga oxbow lake, Nadia", **C. Sarkar**, BOOK OF ABSTRACTS, Volume 6 (Agriculture, Fisheries and animal Science, Botany, Physiology, Zoology) of the Fifth Regional Science and Technology Congress, Region 3, First Edition: January 2023, *Published by: The Registrar (Officiating), West Bengal State University, Barasat*, [ISBN: 978-81-959389-6-4]

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

15. Patents: Nil

16. Awards:

Received the **Best Presentation Award** in the DST-PURSE (Phase 2), Govt. of India sponsored '1st International Conference on 'Frontiers in Biological, Environmental and Medical Sciences, FBEMS 2018', organized by The University of Burdwan on **8th - 10th March, 2018**.

17. Other notable activities:

A) Excursions:

1. Supervised departmental Excursion of **35 students** of **UG 1st Year (Hons), ENVS (compulsory)** to Rajerpukur, Krishnagar, Nadia, on **28.03.2015**.
2. Supervised departmental Excursion of **60 students** of **UG 2nd Year (Gen)** to Rajerpukur, Krishnagar, Nadia, on **01.06.2016**.
3. Supervised departmental Excursion of **30 students** of **UG 1st Year (Hons), ENVS (compulsory)** to Rajerpukur, Krishnagar, Nadia, on **05.07.2016**.
4. Supervised departmental Excursion of **06 students** of **PG Semester-3 (Fish & Fishery special)** to Mathura Beel, Kanchrapara, North 24 Pgs., on **30.08.2016**.
5. Supervised departmental Excursion of **40 students** of **UG 1st Year (Hons) & PG Semester-2** to **Ranaghat Sericulture Farm**, Ranaghat, Nadia, on **23.02.2017**.
6. Supervised departmental Excursion of **60 students** of **UG 2nd Year (Gen)** to Rajerpukur, Krishnagar, Nadia, on **08.04.2017**.
7. Supervised departmental Excursion of **04 students** of **PG Semester-3 (Fish & Fishery special)** to Mathura Beel, Kanchrapara, North 24 Pgs., on **16.12.2017**.
8. Supervised departmental Excursion of **30 students** of **UG 1st Year (Hons)** to **Digha and Shankarpur, Purba Medinipur** from **15.01.2018 to 17.01.2018**.
9. Supervised departmental Excursion of **08 students** of **UG 1st Year (Hons)** to Rajerpukur, Krishnagar, Nadia, on **20.02.2018**.
10. Supervised departmental Excursion of **48 students** of **UG 1st Year (Hons)** and **UG 1st Year (Bio General), ENVS (compulsory)** to Rajerpukur, Krishnagar, Nadia, on **17.03.2018**.
11. Supervised departmental Excursion of **14 students** of **PG Semester-1(all) and 3 (Fish & Fishery special)** to Regional Research Centre, Rahara, Khardaha, North 24 Parganas, Pin: 700118, on **13.11.2018**.
12. Supervised departmental Excursion of **20 students** of **UG Semester-II (Hons)** to **Dooars**, District: Jalpaiguri and Kalimpong, West Bengal (**Gorumara National Park, Chapramari Wildlife Sanctuary, Bindu, Jhalong, Murti etc.**) from **31.01.2019 to 04.02.2019**.
13. Supervised departmental Excursion of **52 students** of **UG 2nd Year (General)** to **State Poultry Farm, Krishnagar, Nadia** on **02.03.2019**.
14. Supervised departmental Excursion of **74 students** of **UG SEMESTER-II (General) and UG (Hons) 1st and 2nd year and PG SEMESTER-II** to **Bethuadahari Wildlife Sanctuary, Bethuadahari, Nadia** on **28.03.2019**.
15. Supervised departmental Excursion of **08 students** of **PG SEMESTER-III (Fish and Fisheries special)** to **Sriguru Fish Farm, Rajendrapur, Naihati, North 24 Parganas** on **14.12.2019**.
16. Supervised departmental Excursion of **26 students** of **UG (Honours) Zoology Semester 2 & 4 and PG Zoology Semester 2 & 4** to **Sundarban** (Sundarban Wildlife Sanctuary, Sajnekhali Tiger Reserve, Dobanki camp, Pakhiralaya), South 24 Parganas, West Bengal on **04.07.2022 to 06.07.2022**.
17. Supervised departmental Excursion of **12 students** of **UG (Zoology Generic Elective) Semester 4** to **Rajerpukur, Krishnagar, Nadia, West Bengal** on **25.07.2022**.
18. Supervised departmental Excursion of **35 students** of **UG (Zoology Generic Elective) Semester 2** to **Raj Dighi, Krishnagar, Nadia, West Bengal** on **26.08.2022**.

19. Supervised departmental Excursion of **60 students** of **UG (Honours) Zoology Semester 1, 3 & 5 and PG Zoology Semester 1 & 3** to **Purbasthali Oxbow Lake, Chupi, Purba Bardhaman, West Bengal on 16.12.2022.**

B) Student Seminar:

1. Conducted **Student Seminar** of Zoology (Honours) 2nd Year, 2017-18 students on **24.01.2018, 29.01.2018 and 30.01.2018.**
2. Conducted **Student Seminar** of Zoology (Honours) 3rd Year, 2018-19 students on **03.12.2018 and 04.12.2018.**
3. Conducted **Student Seminar** of Zoology (Honours) 2nd Year, 2018-19 students on **18.02.2019 and 19.02.2019.**

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

1. Participated in a UGC sponsored **National Seminar** on '*Frontier Areas of Chemistry-A Modern Perspective*', organized by Dept. of Chemistry, Ramakrishna Mission Vidyamandira, Belurmath & IACS on **25th - 26th February, 2010.**
2. Participated in a MHRD sponsored **National level Workshop** on '*National Mission on Education through Information and Communication Technology (NMEICT) awareness programme*', organized by Muragachha Government College, Nadia, in collaboration with NIT, Durgapur on **3rd September, 2016.**
3. **Presented a paper (Oral presentation)** entitled "*A study on acute toxicity of an insecticide Cypermethrin on Branchiura sowerbyi (Beddard,1982) along with their behavioural responses*" in the UGC sponsored **National Seminar** on '*From molecules to Ecosystem - A Zoological Perspective*', organized by Dept. of Zoology, Ramakrishna Mission Vivekananda Centenary College, in collaboration with WBSU on **22nd September, 2016.**
4. **Presented a paper (Oral presentation)** entitled "*Acute toxicity of an insecticide Cypermethrin to the fry of Common Carp, Cyprinus carpio along with their behavioural changes*" in the Dept. of Science & Technology, Govt. of WB sponsored '*1st Regional Science & Technology Congress-2016, Burdwan Division*', organised by Dept. of Science & Technology, Govt. of WB and Bankura Christian College on **7th - 8th November, 2016.**
5. Participated in the Higher Education Directorate, Govt. of West Bengal sponsored **State level "Professor Satya Sundar Barman Memorial Lecture 2016"** on the focal theme '*Scientific Development and Technological Innovation of the 21st Century - Paving Peace or Annihilation*', organized by Krishnagar Government College, Krishnagar, Nadia, in collaboration with ABSGCTA, on **10th December, 2016.**
6. **Presented a paper (Poster presentation)** entitled "*Seasonal Fluctuation of Water Quality Parameters and Ichthyofaunal Diversity of Hasadanga Beel: a Floodplain Wetland of Nadia*" in the Dept. of Higher Education, Science & Technology and Biotechnology, Govt. of WB sponsored '*2nd Regional Science & Technology Congress (Western Region), 2017*', organised by The University of Burdwan and Dept. of Higher Education, Science & Technology and Biotechnology, Govt. of WB on **16th & 17th November, 2017.**
7. Participated in the Govt. of West Bengal sponsored "*A One-day Regional Level Seminar 2017*" on the focal theme '*Degenerative Diseases of Brain and Folk Music as a Healer*', organized by Krishnagar Government College, Krishnagar, Nadia, on **16th September, 2017.**

8. **Presented a paper (Oral presentation) and received the Best Presentation Award** for the paper entitled "*Hazardous effects of a commonly used pesticide Spinosad to Branchiura sowerbyi along with their behavioural changes*" in the DST-PURSE (Phase 2), Govt. of India sponsored 1st **International Conference** on '*Frontiers in Biological, Environmental and Medical Sciences, FBEMS 2018*', organized by The University of Burdwan on **8th -10th March, 2018**.
9. Participated in the Higher Education Department, Govt. of West Bengal sponsored **State level** "*Professor Satya Sundar Barman Memorial Lecture 2017*" on the focal theme '*Sister Nivedita: In the vision of Swami Vivekananda*', organized by P. R. Thakur Govt. College, Thakurnagar, North 24 Parganas, in collaboration with ABSGCTA on **11th March, 2018**.
10. Participated in the GGGDC Kolkata and IIT Kharagpur sponsored **State level** "National Programme on Technology Enhanced Learning (NPTEL) Awareness Workshop" organized by Govt. Girls' General Degree College, 7, Mayurbhanj Road, Kolkata with IIT Kharagpur on **12th October, 2018**.
11. **Presented a Paper (Oral)** entitled "A study on hazardous acute toxic effects of a commonly used biopesticide spinosad to fry of common carp, *Cyprinus carpio* along with their behavioural changes" in the Dept. Science & Technology and Biotechnology, Govt. of WB sponsored '*3rd Regional Science & Technology Congress (Southern Region), 2018*', organised by Bidhannagar College & Dept. of Science and Technology and Biotechnology, Govt. of WB on **18th & 19th December, 2018**.
12. Participated in the Indian Academy of Sciences, Bangalore; Indian National Science academy, New Delhi; The National Academy of Sciences, India Allahabad sponsored **National level** Science Academies' Lecture Workshop on "Understanding the 'Nuts and Bolts' of Chemistry" (Celebrating 150 years of the Periodic Table and '2019: International Year of the Periodic table') organized by Department of Chemistry, Krishnagar Govt. College on **18th and 19th January, 2019**.
13. Participated in the Higher Education Department, Govt. of West Bengal sponsored **State level** "*Professor Satya Sundar Barman Memorial Lecture 2019*" on the focal theme '*West Bengal Higher Education Service: Past and Future*', organized by Govt. General Degree College, Singur with ABSGCTA, on **8th February, 2019**.
14. Participated in the Govt. of WB sponsored **State level** "One-day Gender Sensitisation Workshop" organized by ICC with Seminar sub-committee, Govt. Girls' General Degree College, 7, Mayurbhanj Road, Kolkata on **29th March, 2019**.
15. **Presented a Paper (Poster)** entitled "*Evaluation of Acute Toxicity Levels and Ethological Responses Under Exposure of a Herbicide Fenoxaprop-P-Ethyl on Asian Stinging Catfish Heteropneustes fossilis (Bloch, 1794)*" in the Dept. Science & Technology and Biotechnology, Govt. of WB sponsored '*4th Regional Science & Technology Congress (Southern Region), 2018*', organized by MAKAUT & Dept. of Science and Technology and Biotechnology, Govt. of WB on **23-24th December, 2019**.
16. **Presented a Paper (Poster)** entitled "*Seasonal fluctuation of physicochemical parameters of the water and fish diversity of Chamta beel: a floodplain wetland of West Bengal*" in the '**International Seminar** on Sundarbans: Science to Society' organized by Sundarban Hazi Desarat College, Pathankhali, Gosaba, South 24 Parganas, West Bengal with Sundarban Anil Krishna Mahavidyalaya (B.Ed.) on **26th January, 2020**.
17. Participated in **Webinar** on "*Care to Biodiversity*" organized by ENVIS RP on Environmental Biotechnology, University of Kalyani, held on **5th June, 2020**.

18. Participated in **Two Days National Webinar** on “*Biodiversity Conservation and its Management*” organized by Zoology and Biotechnology Department of Government Girls’ P.G. College, Ujjain (M.P.), in collaboration with Zoological Society of India (ZSI) and Society of Life Sciences (SLSc) on **15th & 16th July, 2020**.
19. Participated in **Two days International Webinar** on “*Aquatic Ecosystem: Prospect and future challenges*” organized by Marine Ecology Laboratory, Presidency University, Kolkata, in association with Aquaphile on **18th to 19th July, 2020**.
20. Participated in **Webinar** on “*Say No to Plastic Pollution*” organized by ENVIS RP on Environmental Biotechnology, University of Kalyani, Sponsored by Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi, held on **18th July, 2020**.
21. Participated in the **Ten Days Faculty Development Programme (FDP)** on “*Museum and Archives, Art and Architecture and Tourism*” organized by Department of History, Prabhu Jagatbandhu College, Jhorehat, Andul-Mouri, Howrah 711302 held on from **10th July to 19th July, 2020**.
22. Acted as **Organizing Committee Member** of the one-day State Level Webinar on “*Impact of Virus and Vector on human health*” organized by P.G. Department of Zoology in collaboration with IQAC, Krishnagar Govt. College, Nadia on **5th August, 2020**.
23. Participated in the **Two-day national webinar** on “*Development of Technology in Fisheries & Aquaculture with special reference to the Fish Production & Processing*” organized by Department of Industrial Fish & Fisheries & IQAC, Asutosh College, Kolkata held on **17th & 18th August, 2020**.
24. Participated in the **One Week Faculty Development Programme (FDP)** on “*Research Article Writing and Online Academic Presentation*”, organized by Zoology & Biotechnology Department and Internal Quality Assurance Cell (IQAC), Govt. Girls’ P.G. College, Ujjain (M.P.) in association with the National Academy of Sciences, India, Bhopal Chapter on **17th August to 23rd August, 2020**.
25. Participated in the **International webinar** on “*Contemporary issues in Biodiversity and its related technologies*” jointly organized by Department of Zoology and Department of Geography, Chakdada College, Nadia, West Bengal, held on **30th August, 2020**.
26. Participated in the **Two-day national webinar** on “*Intriguing Concepts and Applications in Zoology*” Jointly organized by Department of Zoology (PG & UG) and Internal Quality Assurance Cell (IQAC), Bidhannagar College, held on **27th and 28th September, 2020**.
27. Participated in the **International webinar** on “*Challenges and prospects of cancer therapeutics*” organized by Department of Zoology, Diamond Harbour Women’s University, West Bengal on **29th September, 2020**.
28. Participated in the **International webinar** on “*Ecosystem Restoration Through Sustainable Biodiversity*” organized by Zoology and Biotechnology Department, Govt. Girls’ P.G. College, Ujjain (M.P.) in Collaboration with: ESW Society, Khajuraho, India on **5th June, 2021**.
29. Participated in the **Seven Day E-Workshop** on “*Entrepreneurial Skill Development and Career Opportunities in Biological Sciences*” Organized by Zoology and Biotechnology Department, Govt. Girls’ P.G. College, Ujjain (M.P.) Under MPHEQIP World Bank Scheme from **24th June to 30th June, 2021**.

30. Acted as **Joint-Convener** of the One-day **webinar** on “*Human Genome and its various aspects*” organized by P.G. Department of Zoology in collaboration with IQAC, Krishnagar Govt. College, Nadia on **12th July, 2021**.
31. Acted as **Convener** of the One-day **state level webinar** on “*Snake-Twists in the tale*” organized by P.G. Department of Zoology in collaboration with IQAC and Nature Club, Krishnagar Govt. College, Nadia on **22nd July, 2021**.
32. Participated in the **International webinar** on “*Environment-Food-Health nexus under changing global scenario*” organized by Department of Ecological Studies and International Center of Ecological Engineering & Department of Food and Nutrition, University of Kalyani, held on **6th and 7th September, 2021**.
33. Participated in the **National Training Workshop** on “*Research Article Writing and Plagiarism*” Organized by Zoology and Biotechnology Department and IQAC, Govt. Girls’ P.G. College, Ujjain (M.P.) on **18th September, 2021**.
34. Acted as **Organizing Committee Member** of the One-day **International Webinar** on “*Conservation Challenges in Changing Climate*” organized by P.G. Department of Zoology in collaboration with IQAC and Nature Club, Krishnagar Govt. College, Nadia on **13th November, 2021**.
35. Acted as **Organizing Committee Member** of One Day College Level Seminar (Poster Presentation) on “*Life Science*” organized by P.G. Dept. of Zoology in collaboration with IQAC of Krishnagar Govt. College, Nadia on **14.03.2022**.
36. Participated in the **One Day State Level Seminar** on “*Metaphysics of Mind*” organized by P.G. Dept. of Philosophy, Krishnagar Govt. College held on **27.04.2022**.
37. Acted as **Organizing Committee Member** of **One Day College Level Seminar** on “*Field Biology with WWF*” organized by P.G. Dept. of Zoology, Krishnagar Govt. College, Nadia on **17.07.2022**.
38. Participated in the **One Day State Level Seminar** on “*After Graduation? Be an Entrepreneur!*” organized by Dept. of Botany in collaboration with Seminar Committee and IQAC of Krishnagar Govt. College held on **16.09.2022**.
39. Participated in the ABSGCTA sponsored **State level 9th Prof. Satya Sundar Barman Memorial Lecture-2022**, on the Focal theme-“*21st Century: Challenges and our preparedness*”, organized by ABSGCTA, held at Unnayan Bhaban Auditorium, Salt Lake, Kolkata on **04.12.2022**.
40. Participated in the **One Day State Level Seminar** on “*Emerging Prospects of Biosciences and Clinical Research*”, organized Dept. of Physiology in collaboration with Seminar and Research Monitoring Committee with IQAC of Krishnagar Govt. College held on **09.12.2022**.
41. Participated in the **One Day State Level Seminar** on “*Ergonomics: Application in Health and Safety*”, organized Dept. of Physiology in collaboration with Seminar and Research Monitoring Committee with IQAC of Krishnagar Govt. College held on **14.12.2022**.
42. **Presented a Paper (Oral)** entitled “*Study on seasonal variation of physicochemical properties and their effect on fish diversity of Chhariganga oxbow lake, Nadia*” in the Dept. Science & Technology and Biotechnology, Govt. of WB sponsored ‘**5th Regional Science and Technology Congress** (Region 3 – Nadia and North 24 Parganas), 2023’ organised by Dept. of Science and Technology and Biotechnology, Govt. of WB and West Bengal State University, Barasat on **19th & 20th January, 2023**.

19. Participation in OP/RC/FIP in this college:

- A. Participated in the **30th Orientation Course** organized by UGC-HRDC Mizoram University held from 28.07.2020 to 17.08.2020 (21 days) and obtained Grade A.
- B. Participated in the **Refresher Course in Life Sciences** organized by UGC-HRDC Ranchi University held from 01.09.2020 to 14.09.2020 (14 days) and obtained Grade A.
- C. Participated in the **3rd Faculty Induction Programme** organized by UGC-HRDC University of North Bengal held from 04.01.2021 to 02.02.2021 (30 days) and obtained Grade A+.
- D. Participated in the **Refresher Course in Life Sciences** organized by UGC-HRDC Ranchi University held from 03.09.2021 to 16.09.2021 (14 days) and obtained Grade A.

20. Research metrics (by ResearchGate, as on 01-02-2023):

- A. Research Interest: 36.7
- B. Reads: 984
- C. Total number of Citations: 27
- D. Recommendations: 04
- E. h-index: 03
- F. i10-index: 00

21. Profile in various Research Groups:

- A. Research Gate: <https://www.researchgate.net/profile/Chandan-Sarkar-7>
- B. Google Scholar: <https://scholar.google.com/citations?hl=en&user=rGmu49UAAAAJ>
- C. ORCID: 0000-0002-0392-698X
<https://orcid.org/my-orcid?orcid=0000-0002-0392-698X>
- D. Web of Science Researcher ID: AAS-9742-2021
<https://www.webofscience.com/wos/author/record/2967272>
<https://publons.com/researcher/3913887/chandan-sarkar/>