

CURRICULUM VITAE



DIP MUKHERJEE
78/7, Balagarh Road (South)
P.O. & Dist. Hooghly
P.S. Chinsurah
Dist. Hooghly, Bandel
State-West Bengal
PIN-712103

E-mail ID: dip.m@rediffmail.com
dipm1983@gmail.com

Phone: 09831657367 (M)
09051282508 (M)

Occupational Profile:

My present job is mainly focused on Teaching Zoology at undergraduate and postgraduate level. Besides, I would like to explore the research areas comprising of Ecotoxicology, Fishery Science and Environmental pollution.

EDUCATIONAL QUALIFICATIONS:

Examination & Board/ University	School/College ,Place	Year of Passing	Total Marks Obtained	Percentage of Marks (%)	Division/Class
I.C.S.E	Don Bosco School, Bandel	2000	502 (out of 600)	83.7	N.A.
I.S.C.	Don Bosco School, Bandel	2002	506 (out of 600)	84.3	N.A.
Bachelor of Science (Honours) in ZOOLOGY	Presidency College, Kolkata, University of Calcutta	2005	531 (out of 800)	66.4	1st
Master of Science (M.Sc.) in ZOOLOGY	University College of Science, Ballygunge, Kolkata, University of Calcutta	2007	761 (out of 1000)	76.1	1st

Personal Profile:

Name : Dip Mukherjee

Designation : Assistant Professor in Zoology (W.B.E.S)

Date of Birth : 04-11-1983

Father's Name : Mr. Ashok Mukherjee

Mother's Name : Mrs. Gopa Mukherjee

Sex : Male

Marital Status : Single

Nationality : Indian

Caste : General

Languages Known : Bengali, English (UK), Hindi.

Permanent Address : 78/7, Balagarh Road (South)
P.O. & Dist. Hooghly
Dist.: Hooghly
West Bengal
PIN-712103

Present Office Address : Department of Zoology
S.B.S. Government College, Hili, Govt. of West Bengal
Mera Aptair, Dakshin Dinajpur-733126

Area of Specialization : Parasitology and Immunology

Teaching Experience :

Part-time Lecturer : Postgraduate Department of Zoology
(Jun. 2010-Feb. 2015) Maulana Azad College, Kolkata
UG: Jun. 2010- Feb. 2015
PG: Sep. 2012- Feb. 2015

Guest Faculty : P.G. Department of Zoology
(A.Y. 2009-2010) Serampore College, Serampore
Hooghly

Research Experiences :

Research Scholar : Aquatic Toxicology Lab.
(2010-2016) Dept. of Zoology, Barasat Govt. College
(under West Bengal State University)
10 K.N.C. Road, Barasat
Kolkata-700124

Ph.D. Registration : West Bengal State University

Ph.D. Thesis title: Toxicity of pulp and paper mill effluents and some of their ingredients on fish, fish food organisms and aquatic ecosystem along with management of effluent quality

Ph.D. Supervisor : Prof. (Dr.) Nimai Chandra Saha
Professor (W.B.S.E.S.)
Dept. of Zoology
Barasat Govt. College, Kolkata

Work Experiences :

Research Assistant (Jul 2009-Sep 2010) : Rajendra Memorial Research Institute of Medical Sciences
Indian Council of Medical Research
Agamkuan, Patna-800007
Project: "Development of DNA vaccine for visceral leishmaniasis"
(No. RMRI/ICMR/Admn/project-cell/913/09-10 dated 29.07.2009)

Assistant Professor (Feb 2015-Apr 2018) : PG and UG Department of Zoology
Bidhannagar College, Govt. of West Bengal
EB-2, Sec.-1, Salt Lake City, Kolkata-700064

Assistant Professor (Apr 2018-till date) : Department of Zoology
S.B.S. Government College, Hili, Balurghat
Govt. of West Bengal
Mera Aptair, Dakshin Dinajpur-733126

Professional/Administrative Experience:

1. **Committee Member:** Routine Sub-Committee, Purchase Sub-Committee, Research and Review Sub-Committee, Infrastructure and Development Sub-Committee, NSS Sub-Committee, Students' Career Counselling Sub-Committee, NAAC Sub-Committee & AISHE, Teacher's Service-related Sub-Committee, S.B.S. Government College, Hili (2019-2020, 2020-2021).
2. **Convener:** Admission and Website Sub-Committee, S.B.S. Government College, Hili.
3. **Joint Convener:** Seminar Sub-Committee and IQAC Committee, S.B.S. Government College, Hili.
4. **Head:** Department of Zoology, S.B.S. Government College, Hili.

M.Sc. Projects/Dissertation/Review guidance:

1. Pitfall study for studying diversity of insects within the Bidhannagar College Campus.
2. Documentation on the avifaunal and butterfly diversity at Nalban, West Bengal.
3. Drug Resistance in Leishmaniasis with special reference to Miltefosine.
4. Toll-like Receptors.
5. Antigenic Variation in *Trypanosoma brucei*.
6. Helminth infection in gut content of different types of poultry.
7. Development in diagnosis of visceral leishmaniasis: a recent perspective.
8. Vector borne Parasitic Zoonoses.
9. Environmental Impact of Parasites: an overview.
10. Association between *Schistosoma* infection and allergic manifestation.

Training Programmes attended:

1. **“UGC sponsored 106th Orientation Programme”** organized by UGC-HRDC, University of Burdwan, from June, 01-28, 2017 securing **Grade A**.
2. **“UGC sponsored Inter-disciplinary Refresher Course on Disaster Management: Water and Environmental Sanitation”** organized by UGC-HRDC, Jadavpur University, from January, 07-30, 2019 securing **Grade A**.
3. **“UGC sponsored Online Refresher Course on MOOCs and E-content Development”** organized by UGC-HRDC, Pondicherry University, from November, 17-30, 2020 securing **Grade A+**.

Seminar/Workshop/Conference/Symposium attended/organized:

Seminar attended:

1. **Participation** in poster on **“Diversity of parasites infecting stomach and intestine of *Channa punctatus*”** at the **“UGC sponsored National Level Seminar on “From Molecules to Ecosystem- A Zoological perspective”** organized by Department of Zoology, RKMVC College & WBSU, on September, 22, 2016.
2. DST (Govt. of India) sponsored **“Sir J.C. Bose Memorial Symposium on Modern Trends in Animal Science Research & Challenges of the Day”** organized by Department of Zoology & Molecular Biology & Genetics, Presidency University, on March, 23-25, 2011.
3. **“UGC sponsored State Level Seminar on Conservation of Biodiversity: Assessment and Awareness”** organized by Department of Zoology, Hooghly Mohsin College, Chinsurah with West Bengal State University, on October, 29-30, 2010.
4. **“UGC sponsored Seminar on Swami Vivekananda”** organized by Maulana Azad College, Kolkata, on March, 5, 2013.
5. **“UGC sponsored National Level Discussion in association with Bhasha O Chetana Samiti on Bangla Sahitye Birottwo”** organized by Department of Bengali, Bidhannagar College, on February, 22-23, 2017.
6. **“One Day Seminar on Interdisciplinary Admittance of Chemical Science”** organized by Department of Chemistry, Bidhannagar College, Salt Lake, Kolkata, on September, 6, 2017.
7. **“Webinar on Living on the edge with COVID-19”** organized by IQAC, Triveni Devi Bhalotia College, Raniganj, West Bengal, on June, 4, 2020.
8. **“Webinar on Care to Biodiversity”** organized by ENVIS Resource Partner on Environmental Biotechnology, University of Kalyani, West Bengal, on June, 5, 2020.
9. **“Three Day International Webinar on Multidisciplinary Perspective on COVID-19 Pandemic”** organized by UGC-HRDC, University of Burdwan, West Bengal, India, on June, 8-10, 2020.
10. **“Two Days International Webinar on COVID-19: Problems and Challenges”** organized by Government College Degree College at Ranibandh in association with

IQAC, GGDC, Ranibandh, Bankura, West Bengal, India, on June, 26-27, 2020.

11. **“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 July, 15-16, 2020.
12. **“Webinar on Living with the Pandemic: The Geographers way”** organized by Department of Geography and IQAC, Government College Degree College, Narayanarh, Paschim Medinipur, West Bengal, India, on July, 15, 2020.
13. **“International Webinar on Living Amidst COVID-19: Issues and Concerns”** organized by Acharya Brojendra Nath Seal College, Coochbehar, West Bengal, India, on July, 18, 2020.
14. **“State Level Webinar on Administrative Affairs thrusting upon promotion of College Teachers/Librarians under CAS”** organized jointly Teachers’ Council and IQAC, City College, Kolkata, West Bengal, on July, 11, 2020.
15. **“International Webinar on COVID-19: Disease, Prevention & Control”** organized by IQAC, Government College Degree College, Singur, West Bengal, India, on July, 2, 2020.
16. **“International Webinar on Challenges and Prospects: Teaching-Learning Environment during and after Pandemic Period in India”** organized by Department of Geography in collaboration with IQAC, Government College of Education, Banipur, West Bengal, North 24 Parganas, West Bengal, India, on July, 30, 2020.
17. **“One Day International Webinar on Clinical Biology”** organized by Department of Zoology in collaboration with IQAC, Ranaghat College, Nadia, West Bengal, India, on July, 30, 2020.
18. Webinar series on **“Interpretation of Survival Strategies of Nature and Human Amidst Pandemic/Natural Disaster”** organized by P.R. Thakur Government College, Thakurnagar, North 24 Parganas, West Bengal, India, on July, 11, 13, 15 & 25, 2020.
19. National Webinar on **“Emergence of New Pandemics: New Challenges to Microbiologists”** organized by Department of Microbiology in collaboration with IQAC, Bidhannagar College, West Bengal, India, on August, 5, 2020.
20. **“One Day State Level Webinar on Impact of Virus and Vector on Human Health”** organized by Department of Zoology in collaboration with IQAC, Krishnagar Govt. College, Nadia, West Bengal, India, on August, 5, 2020.
21. **“One Day National Webinar on COVID-19 General Awareness & Control Measures”** organized by Department of Zoology, Malda College, Malda, West Bengal, India, on August, 6, 2020.
22. **“National Webinar on Promotion of College Teachers/Librarians under Career Advancement Scheme (CAS)”** organized by IQAC, Alipurduar College, West Bengal, India, on August, 8, 2020.
23. Participated in **“COVID-19 Online Awareness Quiz Programme”** organized by NSS unit, Achhruram Memorial College, Jhalda, Purulia, West Bengal, India, on August, 9, 2020.

24. **“State Level Webinar on Promotional Scheme of College Teachers”** organized by IQAC, Panihati Mahavidyalaya, West Bengal, India, on August, 9, 2020.
25. **“International webinar on Breakthrough in Cell Science”** organized by Department of Zoology, Midnapore College, West Bengal, India, on August, 9, 2020.
26. **“Two Day National Webinar on Strategies of Survival: An Overview of Healthcare during Present Pandemic Situation”** organized by Aghorekamini Prakashchandra Mahavidyalaya, West Bengal, India, on August, 11-12, 2020.
27. **“State Level Webinar on Elephant: Lord of Jungle; Conflicts, Threats and Conservation”** organized by Department of Zoology, Sree Chaitanya College, Habra, West Bengal, India, on August, 12, 2020.
28. **“State Level Webinar on Journey to the Solar System and Beyond”** organized by PG Department of Botany in collaboration with IQAC, Bidhannagar College, West Bengal, India, on August, 21, 2020.
29. **“National Webinar on Nurturing Innovations: From Academia to Society”** organized jointly by Department of Computer Science and Application & Department of Zoology in collaboration with IQAC, Gour Mahavidyalaya, West Bengal, India, on August, 23, 2020.
30. **“Faculty Development Programme on Research Article Writing and Online Academic Presentation”** organized by Department of Zoology & Biotechnology and IQAC, Govt. Girls’ PG College, Ujjain (M.P.) in association with The National Academy of Sciences, India, Bhopal Chapter West Bengal, India, on August, 17-23, 2020.
31. **“DBT Star College sponsored Webinar on COVID-19 and students wellbeing”** organized by Department of Zoology, Jhargram Raj College, Jhargram, West Bengal, India, on August, 28, 2020.
32. **“State Level Webinar on Impact of COVID-19 on Sustainable Development Goals”** organized by Department of Zoology in association with IQAC, Ghatal Rabindra Satabarsiki Mahavidyalaya, Ghatal, Paschim Medinipur, West Bengal, India, on August, 30, 2020.
33. **“DBT Star College sponsored National Webinar on Python in Biology: A Brief Orientation for Absolute Beginners”** organized by Department of Zoology, Jhargram Raj College, Jhargram, West Bengal, India, on September, 7, 2020.
34. **“National Webinar on Pursuit of Mental Wellness in the time of COVID-19”** organized by IQAC, Banwarilal Bhalotia College, Asansol, West Bengal, India, on September, 10, 2020.
35. **“Online Special Lecture Series in Life Science”** organized by School of Sciences, NSOU, West Bengal, India, on September, 10, 2020.
36. **“National Webinar on Awareness about Green Chemistry and Nanotechnology”** organized by Department of Chemistry, Krishnath College, West Bengal, India, on September, 17, 2020.
37. **“International Level Web-Seminar on Cancer: Molecular Biology & Artificial**

Intelligence” organized by Department of Zoology in collaboration with IQAC, Gour Mahavidyalaya, West Bengal, India, on September, 19, 2020.

38. **“International Webinar on A modern outlook in Molecular Biology and Environmental Modelling- Now and Beyond”** organized by Department of Zoology in collaboration with IQAC, Government General Degree College, Mohanpur, West Bengal, India, on September, 20, 2020.
39. **“National Webinar on Natural History, Ecology and Behaviour of Asian Elephant”** organized by Natural Club of Rajapalayam Rajus’ College & Wildlife Association of Rajapalayam, Tamil Nadu, India, on September, 25, 2020.
40. **“Bioluminescence talk on Flooding of Pulmonary Alveoli (edema) in COVID-19: The Pathophysiology”** organized by Department of Biological Sciences, Aliah University, Kolkata, India, on September, 26, 2020.
41. **“International Webinar on Current Perspectives in Environment Management”** organized by Environment Analysis and Conservation Team, Pillai College of Arts, Commerce & Science- Autonomous, Mumbai, India, on September, 26, 2020.
42. **“National Webinar on Emerging Issues and Challenges in Social Science: A Retrospect during the Period of Covid-19 Pandemic”** organized jointly by Department of Geography, Maynaguri College & Siliguri College, West Bengal, India, on September, 27, 2020.
43. **“Webinar on Cryopreservation for Germplasm Conservation”** organized School of Sciences, PP Savani University, India, on September, 27, 2020.
44. **“International Seminar on Spectrum of Advanced Biological Sciences”** organized by IQAC & Department of Microbiology, St. Paul’s Cathedral Mission College, Kolkata, West Bengal, India, on September, 27, 2020.
45. **“International Webinar on Challenges and Prospects of Cancer Therapeutics”** organized by Department of Zoology, Diamond Harbour Women’s University, West Bengal, India, on September, 29, 2020.
46. **“International Webinar on COVID-19: Current Status of Vaccine Development and Immunization”** jointly organized by Mangalore University & Microbiologists’ Society, India, Karnataka Chapter, on September, 30, 2020.
47. **“National Webinar on The Role of Transgenic Fishes in Drug Discovery and the Scope for Entrepreneurship”** organized by Guru Nanak Centre for Research, Guru Nanak College (Autonomous), Chennai, India, on October, 1, 2020.
48. **“National Webinar on A Layman’s guide to the World of Snakes and Snake Bite Mitigation”** organized by Nature Club of Rajapalayam Rajus’ College & Wildlife Association of Rajapalayam, Tamil Nadu, India, on October, 1, 2020.
49. **“National e-Conference on Biology, Biotechnology and Biodiversity (BBB) for basic education and commercial implications”** organized by Department of Zoology, K.B.N. College (Autonomous), Vijayawada, India, on October, 3, 2020.
50. **“International Level Web-Seminar on The Search for King Solomon’s Ring in the New Age of Behavioural Neuroscience”** organized by Department of Zoology Michael Madhusudan Memorial College, Durgapur, West Bengal, India, on October,

4, 2020.

51. Participated in “**Bio-Quiz on History of Microbiology**” organized Veridian Micro Lab Private Limited in association with Golden Jubilee Biotech Park for Women Society, India, on October, 9-31, 2020.

Seminar organized:

1. **Convener of “National Webinar on Fight Against COVID-19: We Shall Overcome”** organized by S.B.S. Government College, Hili, West Bengal, India, on October, 19, 2020.

Workshop:

1. “**UGC sponsored Training Programme on Maintenance of Laboratory equipments**” organized by UGC Instrument Maintenance Facility (IMF) Cell, Hooghly Mohsin College, Chinsurah, Hooghly, on October, 5, 2010.
2. “**UGC sponsored National Workshop on Understanding Biodiversity: Assessment, Analysis & Conservation**” organized by Department of Zoology, Maulana Azad College, Kolkata, on February, 25-26, 2011.
3. “**Workshop on DNA Sequencing**” organized by DSR Genome Technology, Salt Lake City, Kolkata, on October, 10-12, 2012.
4. “**Two Day Workshop on Radiation Based Methods in Material Characterization and Material Alterations**” organized by UGC-DAE Consortium for Scientific Research, Kolkata Centre and Jhargram Raj College, on February, 8-9, 2017.
5. “**Fourth Online Workshop on Scientific Writing**” hosted by Chemical Science Review and Letters, Salem, India on July, 14, 2020.
6. “**Online Certificate Course on Research Methodology**” organized by International Benevolent Research Foundation (IBRF), Kolkata on April, 26-30, 2020.
7. “**Two Day Online Workshop on How to Organize Webinars and Classes on Digital Platforms**” organized by Department of Zoology, Jhargram Raj College, Jhargram, West Bengal, India, on August, 23-24, 2020.

Awards/Prizes:

1. Certificate for distinctive performance at **National Science Olympiad**, 1999, held by Science Olympiad Foundation.
2. **CSIR-UGC National Eligibility Test (NET)-LS (Lectureship)** by CSIR-UGC, 2009.
3. Stood **First** in the West Bengal Public Service Commission held for the appointment of Assistant Professor of Zoology for General Degree Colleges in West Bengal Education Service under the Higher Education Department, Govt. of West Bengal as per Commission’s Advertisement No. 1[A(34)]/2014.

Conference/Symposium/Seminar Presentation:

1. **Poster Presentation** on “*Effect of sublethal exposure of paper and pulp mill effluent on growth and reproduction of the freshwater catfish, Clarias batrachus*” at the International Seminar on Sundarbans: Science to Society organized by Sundarban Hazi Desarat College, Pathankali, Gosaba, South 24 Parganas in

collaboration with Sundarban Anilkrishna Mahavidyalaya (B.Ed.) on January, 26, 2020.

2. **Presentation** on ***“Genetic regulation of Biological Clock: a brief review”*** at the Two-Day International Conference on Sundarbans: Past, Present and Future possibilities organized by Department of English, Sundarban Hazi Desarat College, Pathankali, Gosaba, South 24 Parganas and sponsored by Indian Council of Social Science Research, Eastern Regional Centre, Kolkata, on January, 4-5, 2020.
3. **Oral Presentation** on ***“A review on diversity of ornamental fishes in five wetlands of Bongaon subdivision, North 24 Parganas, their threats and conservation strategies”*** at the 1st International Conference on Frontiers in Biological, Environmental and Medical Sciences (FBEMS) sponsored by DST-PURSE (Phase 2), Govt. of India by University of Burdwan, West Bengal, on March, 8-10, 2018.
4. **Oral Presentation** on ***“Evaluation of acute toxicity and behavioral responses of Oreochromis mossambicus (Linn.) exposed to captan”*** at the 2nd Regional Science & Technology Congress, 2017, Western Region, University of Burdwan organized by University of Burdwan, West Bengal, on November, 16-17, 2017.
5. **Poster Presentation** on ***“A preliminary study on the ichthyofaunal diversity of Kankana wetland, North 24 Parganas, West Bengal”*** at the 1st Regional Science & Technology Congress, 2016, Presidency Division, West Bengal organized by WBDST & NITTR, Kolkata, on November, 13-14, 2016.
6. **Poster Presentation** on ***“Effects of a pulp and paper mill effluent on the Hooghly River ecosystem and its fish diversity in Nadia District, West Bengal, India”*** at the 24th All India Congress of Zoology & National Seminar on Biodiversity and its Management for Food, Livelihood & Environmental security & National Helminthological Congress organized by Department of Zoology, University of Kalyani & Zoological Society of India, Bodh Gaya, on November, 23-25, 2013.
7. **Poster Presentation** on ***“A comparative study on phytoremediation of paper and pulp mill effluent by some common aquatic weeds”*** at the International Conference on Aquatic Resources & Sustainable Management organized by Central Calcutta Science & Culture Organisation for Youth, Ministry of Agriculture & Earth Sciences, Govt. of India, Department of Fisheries, Science & Technology, Biotechnology, Govt. of W.B. in collaboration with University of Calcutta, on February, 17-19, 2016.
8. **Poster Presentation** on ***“A Review on the Study of Plankton Diversity in the Mangrove Forests of Sundarban”*** at the UGC sponsored National Seminar on “Conservation of Biodiversity and Natural Resources in Sustainable Development”, organized by Department of Zoology, APC College, New Barrackpore & Bajkul Milani Mahavidyalaya, on September, 06-07, 2016.
9. **Poster Presentation** on ***“An Overview on the effect of climate change on Sundarban Biodiversity”*** at the UGC sponsored National Seminar on “Conservation of Biodiversity and Natural Resources in Sustainable Development”, organized by Department of Zoology, APC College, New Barrackpore & Bajkul Milani Mahavidyalaya, on September, 06-07, 2016.
10. **Poster Presentation** on ***“Seasonal variation of physico-chemical parameters of Kankana wetland, North 24 Parganas, West Bengal”*** at the UGC sponsored National Level Seminar on “From Molecules to Ecosystem- A Zoological perspective”, organized by Department of Zoology, RKMVC College & WBSU, on

Publications/ Book Chapter/ Abstracts:

Peer reviewed National Journals (Total: 14)

1. Saha, S., **Mukherjee, D.**, Dhara, K. and Saha, N.C. (2020). Captan-Induced Toxicity and Behavioural Alterations on Oligochaete Worm, *Branchiura sowerbyi*. *Journal of Aquatic Biology & Fisheries* 8: 37-40. [ISSN 2321–340X].
2. Saha, S., Saha, N.C. and **Mukherjee, D.** (2018). Acute toxicity and behavioral alterations of Oligochaete worm, *Branchiura sowerbyi* exposed to Diazinon. *Research & Reviews: A Journal of Life Sciences* 8(2): 1-5. [ISSN: 2249-8656 (Online), ISSN: 2348-9545 (Print)]
3. Saha, S., **Mukherjee, D.** and Saha, N.C. (2018). Evaluation of acute toxicity and behavioral responses of *Heteropneustes fossilis* (Linn.) exposed to Captan. *International Journal of Life Sciences* 6 (1): 205-208. [ISSN:2320-7817(p) 2320-964X(o)]
4. Saha, S., **Mukherjee, D.** and Saha, N.C. (2018). Studies on acute toxicity and behavioral responses of *Heteropneustes fossilis* (Linn.) exposed to Diazinon. *Research & Reviews: A Journal of Toxicology* 2018; 8(1): 9-13. [ISSN: 2231-3834 (Online), ISSN: 2349-1264 (Print)]
5. Bej, S., **Mukherjee, D.** and Saha, N.C. (2015) Acute toxicity of alpha-cypermethrin to oligochaete worm, *Branchiura sowerbyi* (Beddard, 1982) along with their behavioural responses. *International Journal of Scientific Research* 4(12): 325-326. (ISSN: 2277-8179)
6. **Mukherjee, D.** and Saha, N.C. (2015) Acute toxicity of paper and pulp mill effluents to some common Indian freshwater fauna. *International Journal of Scientific Research* 4(11): 59-61. (ISSN: 2277-8179)
7. **Mukherjee, D.** and Saha, N.C. (2015) A study on the effects of pulp and paper mill effluents on the water quality and fish diversity of Hooghly River for determination of its ecological health. *International Journal of Scientific Research* 4(6): 73-77. (ISSN: 2277-8179)
8. Dhara, K., **Mukherjee, D.** and Saha, N.C. (2014) Acute and chronic toxicity of cadmium to male *Clarias Batrachus* Linn. with special reference to their haematological changes. *International Journal of Scientific Research* 3(12): 28-30. (ISSN: 2277-8179)
9. Dhara, K., **Mukherjee, D.** and Saha, N.C. (2015) Acute toxicity of cadmium to benthic oligochaete worm, *Branchiura sowerbyi* Beddard, 1982 and juvenile catfish, *Clarias batrachus* Linnaeus, 1758. *Proceedings of the Zoological Society, Kolkata* 68(2): 116-119. Website: www.springer.com [ISSN: 0974-6919 (e) 0373-5893 (p)]
10. Dey, D., **Mukherjee, D.** and Saha, N.C. (2015) Study on the seasonal fluctuation of water quality and zooplankton diversity in the determination of ecological health of five natural water bodies in West Bengal. *Indian Journal of Fundamental and Applied Life Sciences* 5 (1): 65-72. [ISSN: 2231-6345 (Online)]
11. **Mukherjee, D.** and Saha, N.C. (2014) Evaluation of Acute Toxicity Levels and Ethological Responses under Tetrachlorocatechol Exposure in Common Carp, *Cyprinus carpio* (Linnaeus) *Proceedings of the Zoological Society, Kolkata* 67(2): 108-113. Website: www.springer.com [ISSN: 0974-6919 (e) 0373-5893 (p)]

12. **Mukherjee, D.** and Saha, N.C. (2013) Evaluation of Hazardous Impact of 2, 4, 6-Trichlorophenol to Walking Catfish, *Clarias batrachus* Linnaeus, 1758. *Environment & Ecology* 31 (1A): 355-359, Website: environmentandecology.com (ISSN: 0970-0420)
13. Dhara, K., **Mukherjee, D.**, Panigrahi, A.K. and Saha, N.C. (2013) Evaluation of Acute Toxicity and Ethological Responses of Female *Clarias batrachus* (Linn.) Exposed to Cadmium. *Environment & Ecology* 31 (3A): 1567-1570, Website: environmentandecology.com (ISSN: 0970-0420)
14. **Mukherjee, D.** and Saha, N.C. (2012) Acute Toxicity of 2, 4, 6-Trichlorophenol to Copepod, *Cyclops viridis* and Oligochaete Worm, *Branchiura sowerbyi*. *Environment & Ecology* 30 (3C): 1165-1170, Website: environmentandecology.com (ISSN: 0970-0420)

Book Chapter (Total: 04)

1. **Mukherjee, D.** (2018). A comparative study on phytoremediation of paper and pulp mill effluent by some common aquatic weeds. In “*Sustainable management of Aquatic Resources*”. (Eds. Mahapatra B.K., Roy, A.K. and Pramanik, N.C.) pp. 559-564, Narendra Publishing House, Delhi, India. [ISBN: 978-93-87590-11-3].
2. **Mukherjee, D.** and Moulik, D. (2017). Review on global climate change: a harsh reality. In “A Comprehensive study of Science”. (Eds. Roy, D. and Dey, S.K.) pp. 110-120, Shreelipi, Midnapore, India. [ISBN: 978-81-930138-4-7].
3. Chakraborty, S. Ghosh, B. and **Mukherjee, D.** (2017). Carbon sequestration by molluscs: a unique way to mitigate climate change. In “*A Comprehensive study of Science*”. (Eds. Roy, D. and Dey, S.K.) pp. 172-190, Shreelipi, Midnapore, India. [ISBN: 978-81-930138-4-7].
4. Saha, N.C., Biswas, S.J. and **Mukherjee, D.** (2016). Virtual Study and Virtual Laboratory: An effective new mode in imparting education. In “*Virtual Study and Virtual Laboratory: a boon in distance learning*”. (Ed. Guha B.) Netaji Subhas Open University, pp. 41-52. [ISBN: 978-93-82112-22-8].

Conference/Seminar/Symposium Abstracts (Total: 07)

1. Saha, S., Saha, N.C. and **Mukherjee, D.** (2018). A review on diversity of ornamental fishes in five wetlands of Bongaon subdivision, North 24 Parganas, their threats and conservation strategies. *International Conference on Frontiers in Biological, Environmental and Medical Sciences, University of Burdwan* AQF-O6 p. 33.
2. Saha, S., **Mukherjee, D.**, Dhara, K. and Saha, N.C. (2017). Evaluation of acute toxicity and behavioral responses of *Oreochromis mossambicus* (Linn.) exposed to captan. *2nd Regional Science & Technology Congress, 2017, Western Region, University of Burdwan, WBDST & University of Burdwan* ZO-O23 p. 419.
3. Saha, S., **Mukherjee, D.**, Dhara, K. and Saha, N.C. (2016). A preliminary study on the ichthyofaunal diversity of Kankana wetland, North 24 Parganas, West Bengal. *1st Regional Science & Technology Congress, 2016, Presidency Division, West Bengal, WBDST & NITTR, Kolkata* ZP-18 p. 478.
4. Saha, S., **Mukherjee, D.**, Dhara, K. and Saha, N.C. (2016). Seasonal variation of physico-chemical parameters of Kankana wetland, North 24 Parganas, West Bengal. *UGC sponsored National Level Seminar on “From Molecules to Ecosystem- A Zoological perspective”, Department of Zoology, RKMVC College & WBSU.*

5. Parida, H., Hafeeza, T., Dasgupta, R., Ganguly, P., Mukhopadhyay, S.K., De, S., Sardar, P., Bej, S., **Mukherjee, D.** and Mukherjee, S. (2016). Diversity of parasites infecting stomach and intestine of *Channa punctatus*. *UGC sponsored National Level Seminar on "From Molecules to Ecosystem- A Zoological perspective"*, Department of Zoology, RKMVC College & WBSU.
6. Saha, S., **Mukherjee, D.** and Saha, N.C. (2016). A Review on the Study of Plankton Diversity in the Mangrove Forests of Sundarban. *UGC sponsored National Seminar on "Conservation of Biodiversity and Natural Resources in Sustainable Development"*, Department of Zoology, APC College, New Barrackpore & Bajkul Milani Mahavidyalaya. p. 27.
7. Moulik, D. and **Mukherjee, D.** (2016). An Overview on the effect of climate change on Sundarban Biodiversity. *UGC sponsored National Seminar on "Conservation of Biodiversity and Natural Resources in Sustainable Development"*, Department of Zoology, APC College, New Barrackpore & Bajkul Milani Mahavidyalaya. p. 42.

Membership:

1. Life Member, Zoological Society, Kolkata.
2. Life Member, Indian Science Congress Association (ISCA).
3. Life Member, Electron Microscopic Society of India (EMSI).

Laboratory Proficiency:

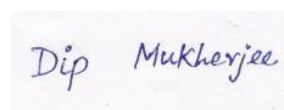
1. Familiar with Peripheral blood mononuclear cell isolation from Leishmaniasis patients and healthy controls.
2. Practical experience on Liposome preparation.
3. Knowledge on Lymph node, Peritoneal Exudate Cell & Splenic Mononuclear Cell isolation from Mice & Hamster.
4. Practical knowledge on Intracardial injection to mice.
5. Knowledge in culture maintenance of different strains of *Leishmania* (Ag 83, DD8)
6. Knowledge in RPMI 1640 media preparation and sterility assessment.
7. Practical knowledge on cell counting using Neubaer Haemocytometer chamber.
8. Knowledge on general autoclaving procedures (glasswares, microtip box, solutions)
9. Basic handling operations of fluorescence microscope, inverted microscope & Biosafety cabinet.
10. Practical knowledge on fish handling, their maintenance in aquaria and dose addition of toxicants in aquaria.

Other Interests: Interested in activities like singing, bird watching, photography.

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge.

Signature



(DIP MUKHERJEE)

Date:

Place: Bandel, Hooghly.