

CURRICULUM VITAE

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EDUCATION

2001 Ph.D. in Zoology. University of Calcutta
1994 M.Sc. in Zoology. Visva Bharati, Santiniketan
1991 B.Sc. in Zoology. University of Calcutta

PROFESSIONAL POSITION

2012 – Present SACT I in Department of Zoology, Maharaja Manindra Chandra College, 20, Ramkanto Bose Street, Kolkata – 700003

RESEARCH EXPERIENCE

2001 - 2003 Research Associate / Post Doctoral Fellow in CSIR Project at University of Calcutta
1995 – 1998 Senior Research Fellow in ICAR Project at Waste Water Aquaculture Division of Central Institute of Freshwater Aquaculture(ICAR) Rahara, West Bengal
1995 Junior Research Fellow in the Project of Ministry of Environment and Forest , Government of India at Central Inland Capture Fisheries Research Station, (ICAR) Salt Lake, Kolkata
[30.6.1995 – 31.7.1995]

SCHOLARSHIPS / FELLOWSHIPS

2001 -2003 CSIR Fellowship
1995 – 1998 ICAR Fellowship
1995 Fellowship from Ministry of Environment and Forest, Government of India
[30.6.95 -31.7.95]

SKILLS

Bacterial Cell Culture and Isolation
Biochemical Tests for Bacteria Identification
Plasmid Isolation
Gel Electrophoresis
PCR
Immunology
Eco health(Bacteria) of Sewage-fed Aquaculture Environment
Bacterial Fish Disease in Sewage-fed Aquaculture
Research
Training
Lecture on Audio Visual Mode

PUBLICATIONS

1. **Chattopadhyay, A.** and Manna, B.
Bacterial Load analysis in fish ponds of two sewage – fed aquaculture farms in West Bengal.2003 Indian J. Anim. Hlth., 42 (1):61-70. *ISSN No. 0019-5057*
2. Bera, B., Banerjee, K., **Chattopadhyay, A.** and Manna, B.
Effect of starvation on glucose and glycogen content in different body weight group of *Isoparorchis hypselobagri* (Billet, 1898) Digenea: Isoparorchidae).2002 J. Parasit. Appl. Anim. Biol., 11 (1 & 2):43-48. *ISSN No. 0971-2208*
3. **Chattopadhyay, A.** and Manna, B.
Exophthalmus in fishes raised in two sewage-fed ponds in West Bengal.2002 Proc. Zool. Soc. Calcutta, 55 (2)59-64. *ISSN No. 0974-6919*
4. Bhowmik, M. L., Chakraborti, P. P. and **Chattopadhyay, A.**
Microflora present in sewage-fed systems and possibilities of their transmission. 2000 Waste Recycling and Resource Management in the Developing World. B. B. Jana, R. D. Banerjee, B. Guterstam and J. Heeb(Eds.), University of Kalyani, India and International Ecological Engineering Society, Switzerland. 71-77 pp
5. Chakraborti, P. P., **Chattopadhyay, A.**, Manna, N. K. and Bhowmik, M.L.
Physico – chemical and bacteriological evaluation for some sewage fed fish farms in and around Calcutta, West Bengal.1999 J. Interacad, 3 (1): 71-80. *ISSN No. 0971-9016*
6. **Chattopadhyay, A.**, Manna, B. And Bhowmik, M. L.
Prevalence of bacterial gill disease in Indian major carps cultured in sewage – irrigated ponds. 1998 Indian J. Anim. Hlth. 37 (2); 17 – 20. *ISSN No. 0019-5057*
7. **Chattopadhyay, A.** and Bhowmik, M. L.
Reduction of bacterial load through sewage – fed aquaculture system.1998 Environ & Ecol. 16 (4):957-961. *ISSN No. 0970-0420*
8. **Chattopadhyay, A.** and Bhowmik, M. L.
Abundance of *Pseudomonas* species in sewage – irrigated aquaculture system.1998 Environ. & Ecol. 16 (2):450-453. *ISSN*

9. Bhowmik, M. L., Chakraborty, P. P., **Chattopadhyay, A.** and Manna, N. K.
Frozen storage characteristics of *Cirrhinus mrigala* raised in fresh water and waste water system.1997 J. Interacad. 1 (3):226-232.
ISSN No. 0971-9016
10. Bhowmik, M. L., **Chattopadhyay, A.** and Manna, N. K.
Biological treatment of sewage with reference to reduction of microbial load, nutrients and fish growth.1997 J. Interacad. 1 (2):
121-125. ISSN No. 0971-9016
11. **Chattopadhyay, A.** and Manna, N. K. and Bhowmik, M. L.
Gram-positive cocci present in sewage- fed ecosystem.1997
pp:163 – 166. In: K.K. Vass and M. Sinha (eds.) Changing
Perspectives of Inland Fisheries proceedings of the National
Seminar, March 16-17,1997, Inland Fisheries Society of India,
Barrackpore.
12. **Chatterjee, A.** and Manna, B.
A note on *Serrasentis socialis* (Leidy, 1851) Van Cleave, 1924
(Acanthocephala: Rhadinorhynchidae) from *Rhachycentron*
caudatum (Linn.) at Digha Coast, West
Bengal.1997. Trans. Zool. Soc. India 1 (1):56-63.

POSTER PRESENTATION

- Chattopadhyay, A. D.**, Sahoo, A. K., Mondal, S., Banerjee, S., Pradhan, S. Gadanayak, A. Sadhukhan, D. and Mazumdar, M.
Molecular Characterization of *Aeromonas veronii*, Gut Associated Bacteria, from Cultured Fish in Fresh Water Bheri of West Bengal. INTZOOCON 2018. International Conference. Department of Zool. University of Calcutta, 1-3 February, 2018.
- Das, A.C., **Chattopadhyay, A. D.** and Mazumdar, M.
Biofilm Formation by *Flavobacterium columnare* causing Columnaris Disease in Fishes : An Evolutionary Dynamics during Host Pathogen Interaction – Retrospective Study. National Conference on Future India : Science and Technology. Jointly Organised by City College, Kolkata and Indian Science Congress Association Kolkata Chapter, 27th and 28th February, 2019.
- Chattopadhyay, A. D.** and Ravichandrian, V.
Awareness on Formidable Occurrence of Antibiotic Resistant Bacteria. Two days' Workshop cum National Seminar on "Trends in Modern Biology : Techniques and Applications". Jointly Organised by Department of Zoology, Visva-Bharati and National Institute of Pharmaceutical Education and Research, 23rd and 24th March, 2019

GUEST SPEAKER

In the RCI, New Delhi, sponsored five[5] days Refresher Programme on Research Methodology conducted by the CDSER, School of Education [SoE], Netaji Subhas Open University, (NSOU), Kolkata, W.B. Topic : Awareness for the Disabled on Alarming Threats of Antimicrobial Resistant Bacteria and Scope for Future Research. On 6th February, 2019

TEXT – WRITER

Text – Writer in Zoology [EZO – II ,Block I, Four Units viz, 05, 06, 07, 08] of Netaji Subhas Open University , Jointly with Dr. Buddhadeb Manna.

TRAINING TAKEN

- 1 'Fish Disease Diagnosis and Control' organised by CIFA [ICAR] Bhubaneswar, Orissa from 2nd – 8th December 1997
- 2 "Sewage-fed Fish Culture" at Wastewater Aquaculture Division of CIFA ,Rahara , West Bengal from 17th – 26th June 1996
- 3 "Aquatic Microbiology in Freshwater Aquaculture" organised by CIFA [ICAR] Bhubaneswar , Orissa from 23th – 27th April 1996

TRAINING IMPARTED

As faculty member, imparted training on Fish Pathogen in the training programme "Agriculture, Pisciculture and Animal Husbandry "organised by AGRI-RESOURCE TRAINING AND DEVELOPMENT COMMITTEE, 2002-2003. Under Rotary International District 3290 Kolkata , from 11th – 13th April , 2003

CERTIFICATION /COURSES

"Diabetes – a Global Challenge" through Coursera from University of Copenhagen, Denmark. 2017

SOCIETY MEMBERSHIP

- 1 Life Member of the Zoological Society , Kolkata, West Bengal
- 2 Life Member of Science and Culture , Indian Science News Association Kolkata, West Bengal
- 3 Life Member of The Indian Science Congress Association

RESEARCH INTEREST

- 1 Antibiotic Resistant Bacteria in Aquatic Environment and Fishes
- 2 Host-Parasitic Interaction with Special Reference to Bacteria

ATTENDED CONFERENCES/SEMINARS/WORKSHOPS/EXHIBITION

1. One Day International Webinar – Current Perspectives on disease Biology research organised by Department of Zoology and IQAC, with support from SERB, DST, Govt. of India, Raja Peary Mohan College, Hooghly on 18th September, 2021.
2. One Day International Webinar on “Health, Science and Human Diseases” organised by Department of Zoology and Internal Quality Assurance Cell, Dinabandhu Andrew’s College, Kolkata – 700084 on 30th July, 2020.
3. 2-Days Online International Workshop on “Mental Health of Youth in New Normals” organised by West Bengal State University, Internal Quality Assurance Cell and National Service Scheme Cell in collaboration with Naba Barrackpur Prafulla Chandra Mahavidyalaya, WB, India and West Bengal State Aids Prevention and Control Society GOWB on 28 and 29th July, 2020.
4. An International Conference, INTZOOCON 2018, Department of Zoology, University of Calcutta, February 1-3, 2018.
5. Ministry of Social Justice and Empowerment, Government of India and Rehabilitation Council of India, New Delhi sponsored Three days Programme , 11 th to 13 th November, 2016. “ In Service Training and Sensitization of Key Functionaries of Central and State Governments, Local Bodies and other Service Providers” on Disability Issue Organised by School of Education, Netaji Subhas Open University.
6. UGC-DEB Sponsored National Seminar on “Teacher Education: New Vista- New Challenges” held on 2 nd and 3 rd September, 2016, at Netaji Subhas Open University Head quarters, Kolkata. Organised by School of Education, Netaji Subhas Open University.
7. 3 –Days Exhibition Programme [Platinum Jubilee Year, 2015 – 2016] held on 9 th, 10 th and 11 th December 2015 at Maharaja Manindra Chandra College, Kolkata, West Bengal.

