

# CURRICULUM VITAE

**Name : Dr. Mainak Banerjee**

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## **Educational Qualifications:**

Qualifications	Institution	University/Board	Year of passing/Award	Percentage
Forensic Biotechnology and DNA Fingerprinting (PG Certification)	International Forensic Sciences (IFS), Pune	-----	2023	Result awaited
Master of Social Work (M.S.W.)	Annamalai University, DDE	----	2023	Result awaited
P.G. Diploma in Educational Administration And Supervision (PGDEAS)	Annamalai University, DDE	-----	2022	Result awaited
Doctor of Philosophy (Ph.D) in Zoology (Pituitary- gonadal histophysiology of fish)	The University of Burdwan	The University of Burdwan	2021	----
Masters (M.Sc) in zoology (Fisheries and Aquaculture)	The University of Burdwan	The University of Burdwan	2015	73.84%
Graduation (B.Sc) (Zoology Honours)	Bagati Sreegopal Banerjee College	The University of Burdwan	2013	60%
Higher Secondary(12 th)	Bagati Ramgopal Ghosh Higher Secondary (H.S.) School	West Bengal Council Of Higher Secondary Education	2010	71.4%
Madhyamiik (10 th)	Bagati Ramgopal Ghosh Higher Secondary (H.S.) School	West Bengal Board of Secondary Education	2008	75.75%

## List of Publications:

1. Chakrabarti, T and Banerjee, M, 2021. Integrated aquaculture with animal components and horticulture crops: Role of women in integrated aquaculture for household.. International Journal of Advance Research, Ideas and Innovations in Technology, 7(3) [www.IJARIIIT.com](http://www.IJARIIIT.com).
2. Chakrabarti, T and Banerjee, M, 2021. Utilization and Status of Sewage of Titagarh Municipality in Aquaculture System. BIOGLOBIA, 8(1): 9 –15.
3. Chakrabarti, T. and Banerjee, M., 2020 Rejuvenation of fish breeding and hatching of Indian major carps by using the special type of soil in some areas of Bankura district: A novel technology. International Journal of Latest Research in Humanities and Social Science (IJLRHSS) Volume 03 - Issue 02, 2020 [www.ijlrhss.com](http://www.ijlrhss.com) || PP. 07-12.
4. Banerjee, M., Mazumdar, A. and Chakrabarti, P. (2019). Histological organization and changes in the architecture of thyroid follicles and ovarian tissues during growth, maturation and spawning phases in *Ompok bimaculatus* (Bloch). Global Journal of Bio-Science and Biotechnology. 8(1), pp.67–72.
5. Banerjee, M., Ghosh, S. and Chakrabarti, P., 2018. Cytology of the Pituitary Gonadotrophs, Histological Characteristics of Interrenal and Chromaffin Cells in Relation to Testicular Activities in *Mystus Vittatus* (Siluriformes, Bagridae) During Growth, Maturation and Spawning Phases. *Vestnik zoologii*, 52(2), pp.155-164.
6. Chakrabarti, P. and Banerjee, M., 2016. Histological characteristic of interrenal and chromaffin cells in relation to ovarian activities in *Mystus vittatus* (Bloch) during growth, maturation, spawning and post- spawning phases. *International Journal of Aquatic Biology*, 4(5), pp.308-317.
7. Chakrabarti, P. and Banerjee, M., 2016. Histocytological changes in the corpuscles of Stannius in relation to ovarian development of freshwater featherback *Notopterus notopterus* (Pallas) during growth, maturation, and spawning phases. *International Journal of Fisheries and Aquatic Studies*, 4(1), pp.458-463.

## Personal Details

**Date of Birth** : 17<sup>th</sup> February, 1993

**Gender** : Male

**Marital Status** : Single

**Religion** : Hindu

**Nationality** : Indian

**Language Skills** : Bengali, English, Hindi.

## Hand on Working Experience

- Scanning Electron Microscopy (SEM),
- Transmission Electron Microscopy (TEM),
- Fluorescence Microscopy (FM)
- Bright Field Compound Microscopy
- Dark Field Compound Microscopy.

### **Attended several National and International workshop and seminar regarding thrust area.**

- Participated as a volunteered trainer in 'A Seven Day National Workshop Cum Hands-on Training Programme on Transmission Electron Microscopy' organized by University Science Instrumentation Centre, The University of Burdwan, on 25 Feb to 02 March, 2020.
- Participated in Oral paper presentation of '4<sup>th</sup> Regional Science & Technology Congress (Western Region), jointly organised by The University of Burdwan and DSTBT, Government of West Bengal on 09-10 Dec, 2019.
- Deliver lecture presentation in 'Golden Jubilee International Conference; Trends in Zoology' at Department of Zoology, The University of Burdwan on 03-04 Jan, 2019.
- Attended as invited guest on 'Entrepreneurship Development in Fisheries & Aquaculture'- a collaborative training programme conducted by National Institute of Agriculture Extension Management, Hyderabad & College of Fisheries, NDVSU, Jbalpur, Madhya Pradesh on 28-31 May, 2018.
- 'Breeding and Seed production of small indigenous catfish with emphasis on pabda (*Ompok sp.*) & Tengra (*Mystus sp.*)' a 7 day hands on training programme on 14-20 July, 2016 at Regional Research Centre, Rahara, Kalyani Field Station, ICAR-CIFA.
- 'International Conference on Aquatic Resources & Sustainable Management' organized by Central Calcutta Science & Cultural Organization for youth in cooperation with Ministry of Agriculture, Earth Sciences, Government of India; Department of Fisheries, Science & Technology, Biotechnology, Govt. of W.B. & university of Calcutta. On 17-19 Feb, 2016, at Science City, Kolkata, W.B.
- 'Application of Nanotechnology in Aquaculture & Fisheries'- training programme on 24-28 Aug, 2015 at Indian council of freshwater Aquaculture- CIFA, Bhubaneswar.
- 'International Symposium on Genetic Analysis Translational and Developmental & Annual Meeting of society of Biotechnologists (India)'- on 21-23 Nov, 2014 at Department of Zoology, The University of Burdwan.
- 'Bioprospecting of Natural Products' – UGC-DRS sponsored National seminar on 5-6 Dec, 2013 at Department of Zoology, The University of Burdwan.

### **Future Research Programmes:**

- Captive Breeding and propagation of Small Indigenous Fish Species (SIFS)
- Homeopathic drug induced breeding technique and its lab to land extension.
- Role of caudal-neurosecretory cells in hypothalamic-hypophyseal gonadal stimulation.
- Histophysiology of pineal gland (Epiphysis) in marine and freshwater teleost.

### **Life Membership(L41409)- Indian Science Congress Association.**

### **Declaration**

I do hereby declare that the above mentioned information is correct up to my knowledge and bear the responsibility for the correctness of the above mentioned particulars.

( SIGNATURE )

Mainak Banerjee