

1. **Full name of the faculty member:** DR. PRASENJIT MALI
2. **Designation:** Assistant Professor
3. **Specialisation:** Fishery Pathology & Microbiology
4. **Contact information:** Phone: 9433842295 e-mail ID: prasenjitmali78@gmail.com
5. **Academic qualifications:**

University from which the degree was obtained	Abbreviation of the degree
West Bengal University of Animal & Fishery Sciences	Ph.D.
West Bengal University of Animal & Fishery Sciences	M.F.Sc.
West Bengal University of Animal & Fishery Sciences	B.F.Sc.

6. **Positions held/ holding or Work Experience:** Assistant Professor (Almost 10 Years) since 21.09.2016 to till date.
7. **Awards:** 3rd Best oral presentation award in the session 8 at the International Symposium & 8th Conference on “Indian Meat Science Association (IMSACON-VIII)” on 22th – 24th November, 2018 at Belgachia, Kolkata.
8. **Other notable activities:**
 1. Principal Investigator of the Research & Development Project entitled “Enhancing Freshwater Fish Health: Integrating *Ayapana triplinervis*, a Medicinal Herb, in Feed Formulation for Bacterial Infection Resistance”, funded by West Bengal Department of Science and Technology & Biotechnology. Duration of the Project: Three Years (Starting Date: 03.07.2024); Budget: 17.903 Lac.
 2. Participated in 15 numbers of Television Program on Fish Disease management, regarding.
 3. Editorial Board Member of Indian Journal of Animal Health, Chronicle of Aquatic Sciences.
 4. Served in administrative roles including Head of the Department of Aquatic Animal Health, Provost of the P.G. Boys Hostel at Chakgaria, and Security In-charge of the Chakgaria campus, etc.
 5. Attended 20 numbers of Seminars and Symposiums, and presented scientific papers.
 6. Attended several Farmers training, Awareness camps as an invited lecturer.
 7. Served as Major advisor of 1 number of M.F.Sc students, Co-advisor of 21 numbers of M.F.Sc. Students and 4 numbers of Ph.D . Students.
 8. Regularly involved in question paper setting and answer script evaluation of External Universities.
9. **Publication:**
 - a. **Journals**

International Publications

1. Bhowmick, S., Saha, A., **Mali, P.***, Mukherjee, D., Chakraborty, N., Sen, A., Behera, B., Dash, G., Abraham, T.J., Chettri, A. & Kishore, J.G. (2026). Antibacterial activity of *Ayapana triplinervis* against multidrug-resistant *Aeromonas* in aquaculture. *Academia Biology*, 4, 1-12. <https://doi.org/10.20935/AcadBiol8278> [NAAS Score: Nil, IF: 0.31]
2. **Mali, P.***, Ghosh, S., Dash, G., & Chowdhury, S. (2024). Effects of different carbon-to-nitrogen ratios on Nile Tilapia *Oreochromis niloticus* in the biofloc rearing system. *Fisheries Science*, 90(2), 239–256. <https://doi.org/10.1007/s12562-023-01740-3> [NAAS Score: 7.40]
3. **Mali, P.***, Ghosh, S., Dash, G., & Chowdhury, S. (2024). Influence of various carbon and nitrogen ratios in a jaggy-based biofloc rearing system on the Asian stinging catfish *Heteropneustes fossilis*. *Aquacultural Engineering*, 107, 102469. <https://doi.org/10.1016/j.aquaeng.2024.102469> [NAAS Score: 10.30]
4. Biswas, A., Dash, G., **Mali, P.**, Joardar, S. N., Dey, B., Roy, A., & Karmakar, S. (2021). Histopathology of head kidney tissues in challenged rohu, *Labeo rohita* Hamilton after vaccinating with *Aeromonas hydrophila* antigens. *Fish and Shellfish Immunology Reports*, 2, 100025. <https://doi.org/10.1016/j.fsirep.2021.100025> [NAAS Score: Nil, IF: 4.6]

5. **Mali, P.**, Maji, S. & Joardar, S.N. (2007). Antigenic Characterization of Outer Membrane Protein of *Aeromonas sobria* Isolated from Goldfish (*Carassius auratus* L.). *Israeli Journal of Aquaculture - Bamidgeh*, 59(2), 91-98. [NAAS Score: 6.40]
6. **Maji, S., Mali, P.** & Joardar, S.N. (2006). Immunoreactive antigens of the outer membrane protein of *Aeromonas hydrophila*, isolated from goldfish, *Carassius auratus* (Linn.). *Fish and Shellfish Immunology*, 20(4), 462-473. <https://doi.org/10.1016/j.fsi.2005.06.003> [NAAS Score: 9.90]

National Publications

1. Behera, B., Bhowmick, S., Saha, A., **Mali, P.***, Sen, A., Mukherjee, D., Chakraborty, N., Chettri, A., Kishore, J.G., Dash, G., Abraham, T.J. & Karmakar, S. (2026). Comparative antibacterial and safety assessment of ethanol and chloroform extracts of *Ayapana triplinervis* in Nile Tilapia (*Oreochromis niloticus*). *Indian Journal of Animal Health*, Special Issue, June 2026, 169-185. <https://doi.org/10.36062/ijah.2026.spl.05826> [NAAS Score: 5.01]
2. Saha, A., Bhowmick, S., **Mali, P.***, Mukherjee, D., Chakraborty, N., Sen, A., Behera, B., Dash, G., Abraham, T. J., & Karmakar, S. (2025). Antimicrobial efficacy of *Ayapana triplinervis* chloroform extract against fish pathogenic *Aeromonas* strains. *Indian Journal of Animal Health*, 64(1), Special Issue, 217-224. <https://doi.org/10.36062/ijah.2025.spl.08225> [NAAS Score: 5.01]
3. Guchhait, A., **Mali, P.**, Mukherjee, D., Chakraborty, N., Das, T., Pradhan, D., & Dash, G. (2025). Antibiotic Resistance in Bacteria from *Penaeus vannamei* Shrimp Farming: Challenges and Importance of Sustainable Aquaculture Practices in West Bengal, India. *Uttar Pradesh Journal of Zoology*, 46(16), 1-11. <https://doi.org/10.56557/upjoz/2025/v46i165178> [NAAS Score: 5.24]
4. Bhattacharya, A., Chowdhury, S., Nath, S., Dora, K. C., Sahu, S., & **Mali, P.** (2024). From waste to nutrient: Proximate composition, morphological and elemental analysis of Tigertooth croaker (*Otolithes ruber*) fish bone. *International Journal of Advanced Biochemistry Research*, SP-8(10), 838-843. [https://doi.org/10.33545/26174693.2024.v8.i10\(Sj.2596](https://doi.org/10.33545/26174693.2024.v8.i10(Sj.2596) [NAAS Score: 5.29]
5. Lama, S, Saha, A, Bhakta, T. & **Mali, P.*** (2023). Microbiological examination of fish collected from markets of Kolkata. *Chronicle of Aquatic Sciences*, 1(4), 24-35. [NAAS Score: Nil]
6. **Mali, P.***, Ghosh, S., Dash, G., Abraham, T. J., Chowdhury, S., & Das, S. K. (2021). A study on ground reality of freshwater fish farming in biofloc tank in West Bengal, India. *Journal of the Inland Fisheries Society of India*, 53(1&2), 131-142. [NAAS Score: 5.04]
7. Biswas, A., **Mali, P.**, Swain, S., Leya, T., & Kumar, G. (2021). Seasonal variation on innate immune system in rohu, *Labeo rohita* Ham. *Journal of Experimental Zoology, India*, 24(1), 573-575. <https://connectjournals.com/03895.2021.24.573> [NAAS Score: 4.78]
8. Purkait, S., Karmakar, S., Chowdhury, S., **Mali, P.** & Sau, S.K. (2020). Impacts of Novel Coronavirus (COVID-19) Pandemic on Fisheries Sector in India: A Minireview. *Indian Journal of Pure and Applied Biosciences*, 8(3), 487-492. <http://dx.doi.org/10.18782/2582-2845.8179> [NAAS Score: Nil]
9. Dash, G., Sanyal, K.B., Mukherjee, D. & **Mali, P.** (2020). Microbiome of Aquatic Vertebrates with Special Reference to Fish. *Indian Journal of Animal Health*, Special Issue, December 2020, 193-205. [NAAS Score: 5.01]
10. Chakraborty, R., Mukherjee, D., Bardhan, A., **Mali, P.**, Sanyal, K.B. & Dash, G. (2020). Prevalence of *Argulus* sp. in Indian Major Carps from Bhangore Block of South 24 Parganas District, West Bengal, India. *Journal of Fisheries Sciences*, 4(1), 1-4. [NAAS Score: Nil]
11. Biswas, A., Dash, G., **Mali, P.***, Joardar, S.N., Abraham, T.J., Karmakar, S., Mukherjee, D. & Sanyal, K.B. (2020). Vaccine potentiality of different antigenic preparations of *Aeromonas hydrophila* in Rohu, *Labeo rohita* Ham. *Journal of Entomology and Zoology Studies*, 8(5), 1674-1680. <https://doi.org/10.22271/j.ento.2020.v8.i5w.7738> [NAAS Score: Nil]
12. Julinta, R.B., Abraham, T.J., Roy, A., Singha, J., Dash, G., **Mali, P.**, Nagesh, T.S., Sar, T.K., Patil, P.K. & Kumar, K.A. (2019). Effect of Oxytetracycline-dosing on the Growth, Safety and Intestinal Histology of Nile Tilapia, *Oreochromis niloticus* (L.) Juveniles. *International Journal of Current Microbiology and Applied Sciences*, 8(8), 2708-2724. <https://doi.org/10.20546/ijcmas.2019.808.313> [NAAS Score: Nil]

13. **Mali, P.***, Sanyal, K.B., Mukherjee, D., Biswas, A., Dey, B., Abraham, T.J., Dash, G. & Joardar, S.N. (2018). Seroreactivity assay of crude and fractionated outer membrane protein of *Aeromonas sobria* isolated from goldfish (*Carassius auratus* Linnaeus, 1758). *Innovative Farming*, 3(2), 55-60. [NAAS Score: Nil]
14. Guchhait, A., Sanyal, K.B., Mukherjee, D., **Mali, P.**, Abraham, T.J. & Dash, G. (2017). Molecular and histopathological study of *Myxobolus cerebralis* (Myxosporea: Myxobolidae) in the brain of *Heteropneustes fossilis* from West Bengal, India. *International Journal of Fisheries and Aquatic Studies*, 5(4), 413-417. [NAAS Score: Nil]
15. Guchhait, A., Dash, G., Mukherjee, D., Sanyal, K.B. & **Mali, P.** (2017). Study of Parasites from Wild and Cultured *Heteropneustes fossilis* in Selected Districts of West Bengal. *IOSR Journal of Agriculture and Veterinary Science*, 10(7), 1-9. [NAAS Score: Nil]
16. **Mali, P.***, Sanyal, K.B., Mukherjee, D., Guchhait, A. & Dash, G. (2017). Herbal Feed Additives as Medicine and Growth Supporter to Fishes: A Review. *Journal of Interacademia*, 21(3), 363-371. [NAAS Score: Nil]
17. **Mali, P.***, Sanyal, K.B., Mukherjee, D., Guchhait, A. & Dash, G. (2017). Nonspecific Cytotoxic Cells (NCC) in Fish: A Review. *Journal of Interacademia*, 21(3), 372-378. [NAAS Score: Nil]
18. Guchhait, A., Dash, G., Sanyal, K.B., Mukherjee, D., **Mali, P.** & Abraham, T.J. (2017). Study of helminth parasites from wild and cultured *Mystus gulio* in selected districts of West Bengal, India. *Journal of Entomology and Zoology Studies*, 5(5), 370-376. [NAAS Score: Nil]
19. Mishra, S., Dhiman, M., Das, P., **Mali, P.**, & Das, M. K. (2010). Antimicrobial sensitivity of bacterial flora associated with septicemic vibriosis in tiger shrimp, *Penaeus monodon*. *Journal of the Inland Fisheries Society of India*, 42(1), 78-83. [NAAS Score: 5.01]
20. Mishra, S., Dhiman, M., Das, P., Dutta, C., **Mali, P.**, & Samanta, S. (2010). Microbial hazards associated with fish from different water bodies in relation to pathogens of public health significance. *Journal of the Inland Fisheries Society of India*, 42(1), 33-38. [NAAS Score: 5.01]
21. **Mali, P.**, Maji, S. & Joardar, S.N. (2006). Identification of Immunodominant Polypeptide Antigen of Goldfish Pathogen, *Aeromonas sobria*. *Indian Journal of Animal Health*, 45(1), 57-62. [NAAS Score: 5.01]
22. Maji, S., **Mali, P.**, & Joardar, S. N. (2006). Diagnostic potentiality of fractionated antigen of *Aeromonas hydrophila* isolated from gold fish, *Carassius auratus* (Linn.). *Indian Journal of Fisheries*, 53(1), 13-17.
23. Maji, S., **Mali, P.** & Joardar, S.N. (2006). Detection of *Aeromonas hydrophila* proteins immunogenic in rabbit. *Indian Journal of Animal Sciences*, 76(6), 487-490. [NAAS Score: 5.24]
24. Mishra, S.S., Brahmane, M.P., Maurye, P., **Mali, P.**, Dutta, C. & Das, M.K. (2006). Detection of WSSV and *Vibrio parahaemolyticus* in *Penaeus monodon* (Fabricius) Using DNA Dot-Blot Hybridization Technique. *Journal of the Inland Fisheries Society of India*, 38(1), 15-22. [NAAS Score: 5.01]
25. Joardar, S.N., Sahoo, C., Maji, S., **Mali, P.**, Kumar, S. (2005). Molecular approaches in diagnosis and prevention of fish diseases. *Indian Journal of Comparative Microbiology, Immunology and Infectious Diseases*, 26(2), 69-77. [NAAS Score: 5.24]

b. Popular articles

1. Maji, S., **Mali, P.** & Joardar, S.N. (2006). Application of Immunobiochemical Techniques in Diagnosis and Prevention of Fish Diseases. *Science and Culture*, 72(5-6), 1-5.
2. **Mali, P.**, Maji, S. & Joardar, S.N. (2006). Molecular Techniques in Prophylactic and Therapeutic Approaches for Shrimp Diseases. *Fishing Chimes*, 26(1), 1-8.

c. Book Chapters

1. **Mali, P.**, & Kamilya, D. (2025). Methodological approaches to assess innate immune responses of fish. In B. K. Das, V. Kumar (eds.), *Laboratory Techniques for Fish Disease Diagnosis*, Springer Nature Singapore Pte Ltd. pp. 105-118.

2. **Mali, P., & Das, R.** (2024). Immunotoxicity in fish: Linking pollution to immune system dysfunction. In *Advances in Aquatic Environment Management: Aqua Toxicology and its Management* (Chapter 9, pp. 145–160). Delhi, India: Narendra Publishing House.
3. Das, R., & **Mali, P.** (2024). Nanotechnology: A future paradigm in wastewater management. In *Advances in Aquatic Environment Management: Aqua Toxicology and its Management* (Chapter 15, pp. 213–231). Delhi, India: Narendra Publishing House.
4. Biswas, A. & **Mali, P.** (2021). Defence Mechanism in Fishes. In S. Swain (Ed.), *Recent Advances in Aquaculture and Fish Processing Technology* (pp. 42-57). School of Fisheries, Centurion University of Technology and Management, Odisha.