Curriculum vitae of Dr. Ferdous Ahamed

Associate Professor
Department of Fisheries Management
Patuakhali Science and Technology University
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Personal Information

Name: Ferdous Ahamed
Father's name: Md. Anayet Ali
Mother's name: Hurzan Begum
Date of birth: 08 May 1979
Permanent address: Village–Prosad Para, Post office–Bilnepal Para, Upazila–Paba
District–Rajshahi, Bangladesh
Sex: Male
Marital status: Married
Religion: Islam
Nationality: Bangladeshi

Educational Background

2010–2013: ***Ph.D. in Fisheries Science***, Kagoshima University, Japan
Thesis title: Fisheries biology of the pandalid shrimp *Plesionika izumiae* (Decapoda: Caridea) in Kagoshima Bay, southern Japan

2008–2010: ***M.Sc. in Fisheries***, Kagoshima University, Japan
Thesis title: Reproduction and growth of the pandalid shrimp *Plesionika izumiae* (Decapoda: Caridea) in Kagoshima Bay, southern Japan

2003–2004: ***M.S. in Fisheries Management***, Bangladesh Agricultural University, Bangladesh
Thesis title: Studies on age and growth of chapila, *Gudusia chapra* of a large perennial water body in Mymensingh, Bangladesh

1998–2001: ***B.Sc. Fisheries (Hons.)***, Bangladesh Agricultural University, Bangladesh

Specialization

- Fish population dynamics
- Fish stock assessment
- Fisheries management

Job Experience

July 2020 to date: ***Associate Professor***, Department of Fisheries Management, Patuakhali Science and Technology University, Bangladesh

July 2014–July 2020: ***Assistant Professor***, Department of Fisheries Management, Patuakhali Science and Technology University, Bangladesh

Sep. 2013–June 2014: ***Guest Teacher*** (equivalent to Assistant Professor), Department of Fisheries Management, Patuakhali Science and Technology University, Bangladesh

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July 2006–Sep. 2007: ***Fisheries Facilitator***, Local Government and Engineering Department, Bangladesh

Current Job Responsibilities

As a faculty of the Department of Fisheries Management I have been teaching the following courses:

Undergraduate level: Fish Population Dynamics, Aquatic Ecology, Inland Fisheries Management, Fisheries Research Planning & Evaluation.

Graduate level: Advanced Fish Population Dynamics, Wetland Ecosystem and Fisheries Biodiversity, Coastal and Marine Ecology, Mangrove Exploitation and Management, Advanced Aquatic Ecology, Marine Fisheries Management.

Concurrently with teaching I am doing research in the area of fish population dynamics, stock assessment and fisheries management. The main goal of my research is to provide essential information needed to formulate sustainable conservation and management strategies of a particular species/population.

Other Professional Experience

Chairman	Department of Fisheries Management, Patuakhali Science and Technology University during January 2015 to January 2017 & September 2019 to February 2021.
Research Assistant	Faculty of Fisheries, Kagoshima University, Japan during July–December 2011 & July–December 2012
Teaching Assistant	Super Science High School, Japan supported by Japan Science and Technology Agency (JST) during July–December 2011
Journal Editor	• Editorial Board Member: Journal of Coastal Life Medicine (2013 to 2016) • Editorial Board Member: Bangladesh Journal of Fisheries (2017 to 2021) • Guest Editor: Special issue (Fisheries Biology, Ecology and Sustainable Management) of Sustainability journal
Professional membership	• Japanese Universities Alumni Association in Bangladesh (JUAAB) • Fisheries Society of Bangladesh (FSB) • Bangladesh Fisheries Research Forum (BFRF) • Krishibid Institute of Bangladesh (KIB)

Award & Recognition

- **MONBUKAGAKUSHO: MEXT Scholarship–**awarded by the Ministry of Education, Culture, Sports, Science and Technology, Japan for Research Student (6.0 Months), MSc (2.0 years) and PhD (3.0 years) studies at Kagoshima University, Japan during October 2007 to March 2013.

- **Session's Best Presentation Award–**4th International Conference on Fisheries and Aquaculture 2017, Colombo, Sri Lanka.

- **Best Presentation Award–**4th International Conference on Fisheries and Aquaculture 2017, Colombo, Sri Lanka.

Training/ Workshop Attended

8–12 June 2001: **Aquaculture and Extension**
Organized by Mymensingh Aquaculture Extension Project (MAEP), Bangladesh, Funded by Danish International Development Agency (DANIDA).

24–28 June 2001: **Fisheries and Aquaculture Research**
Organized by Bangladesh Fisheries Research Institute (BFRI), Mymensingh, Bangladesh.

15 June 2014: **Good Aquaculture Practices (GAqP's)**
Organized by Bangladesh Aquaculture Alliance, Fisheries Product Business Promotion Council, and Bangladesh Economic Growth Programme Project, Ministry of Commerce, Government of Bangladesh.

20–23 Jan. 2015: **Strengthening Pedagogical Skills of Young Teachers**
Organized by Faculty of Fisheries, PSTU supported by USAID-Funded Asia Farmer-to-Farmer (F2F) Program, Winrock International.

18–2 Feb. 2018: **Microbial Water Quality**
Organized by BANGFISH Project, PSTU, Bangladesh and University of Copenhagen, Denmark, Funded by Danish International Development Agency (DANIDA).

05–07 May 2018: **Teaching-Learning Methodology**
Organized by HEQEP Project, Faculty of Fisheries, PSTU.

17–21 July 2018: **Statistical Data Analysis using SPSS**
Organized by HEQEP Project, Faculty of Fisheries, PSTU.

02–04 Sep. 2018: **Research Methodology and Scientific Writing**
Organized by HEQEP Project, Faculty of Fisheries, PSTU.

List of Publications (* corresponding author)

1) Ahmed, Z.F., C. Smith, **F. Ahamed** and M.Y. Hossain. 2007. Growth and reproduction of the Indian River shad, *Gudusia chapra* (Clupeidae). *Folia Zoologica* 56(4): 429–439.

2) **Ahamed, F.** and J. Ohtomi. 2011. Reproductive biology of the pandalid shrimp *Plesionika izumiae* (Decapoda: Caridea). *Journal of Crustacean Biology* 31(3): 441–449.

3) Jasmine, S., **F. Ahamed**, S.H. Rahman, M.A.S. Jewel and M.Y. Hossain. 2011. Effects of organic and in-organic fertilizers on the growth performance of carps in earthen ponds in polyculture system. *Our Nature* 9: 16–0.

4) Jasmine, S., M. Molina, M.Y. Hossain, M.A.S. Jewel, **F. Ahamed** and B. Fulanda. 2011. Potential and economic viability of the freshwater prawn *Macrobrachium rosenbergii* (De man, 1879) polyculture with Indian major carps in northwestern Bangladesh. *Our Nature* 9: 61–72.

5) Hossain, M.Y., M.A.S. Jewel, B. Fulanda, **F. Ahamed**, S. Rahman, S. Jasmine and J. Ohtomi. 2012. Dynamics of cyanobacteria *Planktothrix* spp. (Oscillatoriales: Phormidiaceae) in earthen fish ponds, northwestern Bangladesh. *Sains Malaysiana* 41(3): 277–284.

6) Hossain, M.Y., M.M. Rahman, B. Fulanda, M. A. S. Jewel, **F. Ahamed** and J. Ohtomi. 2012. Length-weight and length-length relationships of the five threatened fishes from the Jamuna (Brahmaputra River distributary) River, northern Bangladesh. *Journal of Applied Ichthyology* 28 (2): 275–277.

7) Hossain, M.Y., M.M. Rahman, M.A.S. Jewel, Z.F. Ahmed, **F. Ahamed**, B. Fulanda and J. Ohtomi. 2012. Conditions- and form-factor of the five threatened fishes from the Jamuna (Brahmaputra River Distributary) River, northern Bangladesh. *Sains Malaysiana* 41(5): 671–678.

8) **Ahamed, F.*** and J. Ohtomi. 2012. Growth patterns and longevity of the pandalid shrimp *Plesionika izumiae* (Decapoda: Caridea). *Journal of Crustacean Biology* 32(5): 733–740.

9) **Ahamed, F.***, M.Y. Hossain, B. Fulanda, Z.F. Ahmed and J. Ohtomi. 2012. Indiscriminate exploitation of wild prawn postlarvae in the coastal region of Bangladesh: A threat to the fisheries resources, community livelihoods and biodiversity. *Ocean & Coastal Management* 66: 56–62.

10) Jannat, K.M., M.M. Rahman, M.A. Bashar, M.N. Hasan, **F. Ahamed** and M.Y. Hossain. 2012. Effects of stocking density on survival, growth and production of Thai climbing perch (*Anabas testudineus*) under fed ponds. *Sains Malaysiana* 41(10): 1205–1210.

11) Hossain, M.B., M.M. Rahman, M.G. Sarwer, M.Y. Ali, **F. Ahamed**, S. Rahman, B. Fulanda, M.M. Rahman, B.R. Subba and M.Y. Hossain. 2012. Comparative study of carp pituitary gland (PG) extract and synthetic hormone ovaprim used in the induced breeding of stinging catfish, *Heteropneustes fossilis* (Siluriformes: Heteropneustidae). *Our Nature* 10: 89–95.

12) Rahman M.M., M.A. Hossain, Fatematuzzhura, S. Tasnoova, **F. Ahamed**, M.Y. Hossain, and J. Ohtomi. 2012. Fresh fish marketing status in the northwestern Bangladesh: recommendations for sustainable management. *Our Nature* 10: 128–136.

13) **Ahamed, F.**, Z.F. Ahmed, M.Y. Hossain and J. Ohtomi. 2012. Growth study of the pool barb, *Puntius sophore* (Cyprinidae) through multi-model inference. *Zoological Studies* 51(7): 1077–1085.

14) Rahman, M.M., M.Y. Hossain, F**. Ahamed**, Fatematuzzhura, E. M. Abdallah and J. Ohtomi. 2012. Biodiversity in the Padma distributary of the Ganges River, northwestern Bangladesh: recommendations for conservation. *World Journal of Zoology* 7(4): 328–337.

15) Rahman, M.M., M.Y. Hossain, M.A. Hossain, **F. Ahamed** and J. Ohtomi. 2012. Sex Ratio, Length-frequency distributions and morphometric relationships of length-length and length-weight for spiny eel, *Macrognathus aculeatus* in the Ganges River, NW Bangladesh. *World Journal of Zoology* 7(4): 338–346.

16) Hossain, M.Y., M.M. Rahman, M.A.S. Jewel, M.A. Hossain, **F. Ahamed**, A.S. Tumpa, E.M. Abdallah and J. Ohtomi. 2013. Life history traits of the critically endangered catfish

Eutrophiicthys vacha (Hamilton, 1822) in the Jamuna River, northern Bangladesh. *Sains Malaysiana* 42(3): 265–277.

17) Hossain, M.Y., M.S. Arefin, M.S. Mohmud, M.A.S. Jewel, M.I. Hossain, **F. Ahamed**, Z.F. Ahmed and J. Ohtomi. 2013. Length-weight relationships, condition factor, gonadosomatic index-based size at first sexual maturity, spawning season and fecundity of *Aspidoparia morar* (Cyprinidae) in the Jamuna River (Brahmaputra River distributary), northern Bangladesh. *Journal of Applied Ichthyology* 29(5): 1166–1169.

18) Mondol, M.M.R., M.M. Rahman, D.A. Nahar, **F. Ahamed,** M.A. Sarker, B.R. Subba and M.Y. Hossain. 2013. Diet and feeding habits of *Cyprinus carpio* in relation with water quality of integrated rice-fish farming ecosystem. *Our Nature* 11(2): 138–151.

19) Siddik, M.A.B., A. Nahar, **F. Ahamed**, Z. Masood and M.Y. Hossain. 2013. Conservation of critically endangered olive barb *Puntius sarana* (Hamilton, 1822) through artificial propagation. *Our Nature* 11(2): 96–104.

20) Hossain, M.Y., M.M. Rahman, **F. Ahamed**, Z.F. Ahmed and J. Ohtomi. 2014. Length-weight and length-length relationships and form factor of three threatened fishes from the Ganges River (NW Bangladesh). *Journal of Applied Ichthyology* 30(1): 221–224.

21) Siddik, M.A.B., A. Nahar, M.E. Ahsan, **F. Ahamed** and M.Y. Hossain. 2014. Over-wintering growth performance of mixed-sex and mono-sex Nile tilapia *Oreochromis niloticus* in the northeastern Bangladesh. *Croatian Journal of Fisheries* 72 (2): 165–177.

22) **Ahamed, F.***, B. Fulanda, M.A.B. Siddik, M.Y. Hossain, M.M.R. Mondol, Z.F. Ahmed and J. Ohtomi. 2014. An overview of freshwater prawn fishery in Bangladesh: Present status and future prospects. *Journal of Coastal Life Medicine* 2(7): 580–88.

23) **Ahamed, F.** and J. Ohtomi. 2014. Relative growth and sexual maturity of the pandalid shrimp *Plesionika izumiae* (Decapoda, Caridea) in Kagoshima bay, southern Japan. *Crustaceana* 87(13): 1567–1577.

24) **Ahamed, F.***, Z.F. Ahmed, M.Y. Hossain and J. Ohtomi. 2014. Population biology of the Indian River shad *Gudusia chapra* (Clupeidae) in the Old Brahmaputra River, northeastern Bangladesh. *Sains Malaysiana* 43(11): 1645–1655.

25) Hossain, M.Y., M.A. Hossen, Z.F. Ahmed, K. Yahya, M.M. Rahman, **F. Ahamed** and J. Ohtomi. 2015. Threatened fishes of the world: *Botia dario* (Hamilton, 1822) (Cypriniformes: Cobitidae). *Croatian Journal of Fisheries* 73: 86–88.

26) **Ahamed, F.***, Z.F. Ahmed, M.Y. Hossain and J. Ohtomi. 2015. Size at sexual maturity of the female pool barb, *Puntius sophore* (Cyprinidae) in the Old Brahmaputra River, north-eastern Bangladesh. *Ecologia* 5(2): 54–61.

27) **Ahamed, F.***, I.A. Cardoso, Z.F. Ahmed, M.Y. Hossain and J. Ohtomi. 2017. An overview of the genus *Plesionika* Bate, 1888 (Decapoda, Caridea, Pandalidae) in Asian waters. *Zootaxa* 4221(5): 575–593.

28) **Ahamed, F.***, M. Rasel, N. Saha, M.G. Ara, Z.F. Ahmed and M.Y. Hossain. 2017. Biological aspects of the mola carplet *Amblypharyngodon mola* (Cyprinidae) in the Payra River, southern Bangladesh. *International Journal of Fisheries and Aquatic Studies* 5(4): 336–339.

29) **Ahamed, F.***, N. Saha, Z.F. Ahmed and M.Y. Hossain. 2017. Morphometric relationships between length-weight and length-length of *Apocryptes bato* (Gobiidae) in the Payra River, southern Bangladesh. *International Journal of Fisheries and Aquatic Studies* 5(4): 346–349.

30) **Ahamed, F.***, N. Saha, M. Rasel, Z.F. Ahmed and M.Y. Hossain. 2017. Sex ratio, length-weight and length-length relationships of *Amblypharyngodon mola* (Cyprinidae) in the Payra River, southern Bangladesh. *International Journal of Fisheries and Aquatic Studies* 5(4): 359–62.

31) **Ahamed, F.***, Z.F. Ahmed, M.Y. Hossain and J. Ohtomi. 2017. Growth and longevity of the mola carplet *Amblypharyngodon mola* (Cyprinidae) in the Payra River, southern Bangladesh. *Egyptian Journal of Aquatic Research* 43 (4): 291–295.

32) **Ahamed, F.***, N. Saha, S. Jahan, S. Akter, M.Y. Hossain, Z.F. Ahmed and J. Ohtomi. 2018. Length-weight and length-length relationships of two gobiid fishes *Eleotris fusca* (Forster, 1801) and *Odontamblyopus rubicundus* (Hamilton, 1822) from the Payra River, southern Bangladesh. *Journal of Applied Ichthyology* 34 (1): 227–229.

33) **Ahamed, F.***, N. Saha, M.A. Nishat, M.K. Biswas, M. Sultana, M.S. Khatun, Z.F. Ahmed, M.Y. Hossain and J. Ohtomi. 2018. Length-weight and length-length relationships of three small indigenous fishes from the Payra River, southern Bangladesh. *Journal of Applied Ichthyology* 34 (3): 777–779.

34) Hossain, M.Y., M.N.U. Pramanik, M.A. Hossen, F. Nawer, D. Khatun, M.F. Parvin, Z.F. Ahmed and **F. Ahamed**. 2018. Life-history traits of Pool barb *Puntius sophore* (Cyprinidae) in different ecosystems of Bangladesh. *Indian Journal of Geo-Marine Sciences* 47 (7): 1446–1454.

35) Nawer, F., M.Y. Hossain, M.G. Sarwar, O. Rahman, Z.F. Ahmed, **F. Ahamed** and J. Ohtomi. 2018. Growth, maturity and form factor of mola carplet (*Amblypharyngodon mola*) from the Ganges River, northwestern Bangladesh. *Jordan Journal of Biological Sciences* 11(4): 375–380.

36) Ohtomi, J., **F. Ahamed,** M.M. Rahman and H. Fukushima. 2018. Distribution patterns and population dynamics of the pandalid shrimp *Plesionika izumiae* (Decapoda, Caridea) in a unique semi-enclosed deep-water bay environment. *Crustaceana* 91(9): 1073–1096.

37) Ruma, M., M.M. Hossain, **F. Ahamed** and M.B. Rahman. 2018. Fishing Practices in Sandha River: An Impact Assessment on Fisheries Resources. *American Journal of Biology and Life Sciences* 6(3): 55–61.

38) **Ahamed, F.***, N. Saha, Z.F. Ahmed, M.Y. Hossain and J. Ohtomi. 2018. Reproductive biology of *Apocryptes bato* (Gobiidae) in the Payra River, southern Bangladesh. *Journal of Applied Ichthyology* 34 (5):1169–1175.

39) Ahmed, Z.F. and **F. Ahamed***. 2018. Length-weight and length-length relationships of three ecologically important fishes caught from a wetland, northeastern Bangladesh. *Journal of Applied Ichthyology* 34 (5):1235–1237.

40) Ara, M.G., Z.F. Ahmed, **F. Ahamed*** and M.K. Fatema. 2018. Resolution of confusion in systematics of two major clupeid fish species in Bangladesh. *FishTaxa* 3 (4): 81–86.

41) **Ahamed, F.***, Z.F. Ahmed and J. Ohtomi. 2019. Seasonal variations in the population biology of *Salmostoma bacaila* (Cyprinidae) from a tributary of the Payra River, Bangladesh. *Zoology and Ecology* 29(2): 113–119.

42) **Ahamed, F.***, M. Sultana and Z.F. Ahmed. 2019. Biological features of the schilbid catfish *Pachypterus atherinoides* from the Payra River, Southern Bangladesh. *Bangladesh Journal of Fisheries* 31(2): 173–180.

43) Ahmed, Z.F., **F. Ahamed*** and M.K. Fatema. 2019. Biological features of *Chanda nama* (Ambassidae) in the Old Brahmaputra River, Bangladesh. *International Journal of Aquatic Biology* 7(6): 342–350.

44) Ahmed, Z.F., M.K. Fatema, U.H.A. Zohora, M.A. Joba and **F. Ahamed**. 2020. Coefficient of algebraic relationship between linear dimensions as growth deduction for rainbow sardine *Dussumieria acuta* in the Bay of Bengal. *Research in Agriculture, Livestock and Fisheries* 7(3): 545–551.

45) Ahmed, Z.F., M.K. Fatema, U.H.A. Zohora, M.A. Joba and **F. Ahamed**. 2020. Interrelationship of linear dimensions as growth corollary of pama croaker *Otolithoides pama* in the Bay of Bengal. *Bangladesh Journal of Fisheries* 32(2): 299–305.

46) Saha, N., M.H. Rakib, M.M.H. Mredul, M.A. Rahman and **F. Ahamed**. 2021. Life history traits of the gangetic scissortail rasbora, *Rasbora rasbora* (Hamilton, 1822) in the Payra River, southern Bangladesh. *Jordan Journal of Biological Sciences* 14(1): 129–135.

47) Ahmed, Z.F., **F. Ahamed*,** M.M. Rahman and M.K. Fatema. 2021. Spawning season, recruitment, and growth of the freshwater prawn *Macrobrachium lamarrei* (H. Milne-Edwards, 1837) in a perennial wetland, northeastern Bangladesh. *Nauplius* 29: e2021021.

48) Saha, N., P. Roy, Z.M. Nadia, W. Akram, **F. Ahamed** and M.Y. Hossain. 2021. Growth, Condition, Maturity and Mortality of the Dwarf Gourami, *Trichogaster lalius* (Hamilton, 1822) in a Wetland Ecosystem (Beel Dakatia), Southwestern Bangladesh. *Egyptian Journal of Aquatic Biology and Fisheries* 25 (3): 505–524.

49) **Ahamed, F.***, Z.F. Ahmed and J. Ohtomi. 2022. Estimation of key population parameters of *Penaeus indicus* (Crustacea: Penaeidae) in the Andharmanik River, southern Bangladesh: implications for sustainable management. *Nauplius* 30: e2022015.

50) **Ahamed, F.**, P. Baroi, Z.F. Ahmed and J. Ohtomi. 2022. Reproductive biology of the palaemonid prawn *Macrobrachium villosimanus* (Tiwari, 1949) (Decapoda: Caridea: Palaemonidae). *Journal of Crustacean Biology* 42 (3): ruac041.

51) Sultana, S., Z.F. Ahmed, M.A. Joba, M.K. Fatema and **F. Ahamed**. 2022. Condition factor and health inference of garua bachcha *Clupisoma garua* in the river Old Brahmaputra, north-eastern Bangladesh. *Bangladesh Journal of Fisheries* 34 (2): 193–198.

52) Roy, S., A.K. Mandal, **F. Ahamed** and H. Bain. 2022. Some biological aspects of taki (*Channa punctata*) in the Pubkola Beel, Patuakhali district, Bangladesh. *Journal of Patuakhali Science and Technology University* 12 (1 & 2): 153–163.

53) Hossain, M.R., Z.F. Ahmed, **F. Ahamed**, and M.K. Fatema. 2023. Impact of Andharmanik hilsa sanctuary on fish production and livelihood of fishers in Bangladesh. In, Proceedings of the 5th Asia Pacific Society for Agricultural and Food Ethics (APSAFE) Conference 2023. pp. 33–34.

54) **Ahamed, F.***, Z.F. Ahmed and J. Ohtomi. 2023. Relative growth and morphological sexual maturity of the caridean prawn *Macrobrachium villosimanus* (Tiwari, 1949) (Decapoda: Palaemonidae). *Lakes & Reservoirs* 28: e12437.

55) **Ahamed, F.***, M.H. Rakib, D. Roy, H. Akter and Z.F. Ahmed. 2023. Estimation of population parameters of *Glossogobius giuris* in the Rabnabad Channel, southern Bangladesh: implications for sustainable management. *Sustainability* 15 (13): 10172.

56) **Ahamed, F.***, T. Akter, M.H. Shamim, U. Chakma, M.M.H. Shajib, M.K. Fatema and Z.F. Ahmed. 2024. Estimation of life history parameters of the Gangetic leaffish, *Nandus nandus* from southern coastal waters of Bangladesh: Implications for sustainable management. *Heliyon* 10: e38167.

Citation Indices

Citations	1142
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(Source: Google Scholar; https://scholar.google.com/citations?hl=en&user=9sp0zfcAAAAJ**)**

Conference Contributions

Oral Presentation (**Keynote/invited speaker*)**:**

1. **Ahamed, F.** and J. Ohtomi. 2010. Reproductive biology of the pandalid shrimp *Plesionika izumiae* (Caridea: Pandalidae) in Kagoshima Bay, southern Japan. Seventh International Crustacean Congress ICC7, 20–25 June, 2010, Qingdao, China.

2. **Ahamed, F.** 2010. Fisheries biology of the pandalid shrimp *Plesionika izumiae* (Decapoda: Caridea) in Kagoshima Bay, southern Japan. General seminar, The United Graduate School of Agricultural Sciences, Kagoshima University, Japan; hosted by Saga University, Japan, 10–12 November, 2010.

3. **Ahamed, F.** and J. Ohtomi. 2011. Growth of the pandalid shrimp *Plesionika izumiae* in Kagoshima Bay, southern Japan. Autumn meeting 2011, The Japanese Society of Fisheries Science, 28 September to 2 October 2011, Nagasaki, Japan.

4. **Ahamed, F.** and J. Ohtomi. 2012. Spatiotemporal distribution of the pandalid shrimp *Plesionika izumiae* (Decapoda: Caridea) in Kagoshima Bay, southern Japan. 50th Annual Meeting, Carcinological Society of Japan, 20–21 October 2012, Kumamoto, Japan.

5. Hossain, M.Y., Z.F. Ahmed and **F. Ahamed.** 2017. Conservation of small indigenous fishes in Bangladesh Considering the emerging climate changes. International Conference on Biodiversity, Climate Change Assessment and Impacts on Livelihood, 10–12 January 2017, Kathmandu, Nepal.

6. **Ahamed, F.,** Z.F. Ahmed and M.Y. Hossain. 2017. Biological aspects of the mola carplet *Amblypharyngodon mola* (Cyprinidae) in the Payra River, southern Bangladesh. 4th International Conference on Fisheries and Aquaculture, 24–25 August 2017, Colombo, Sri Lanka.

7. Hossain, M.Y., F.N. Hridi, Z.F. Ahmed and **F. Ahamed**. 2017. Stock Assessment of Elongate Glass-Perchlet *Chanda nama* (Hamilton, 1822) in the Ganges River, Northwestern Bangladesh. 7th International Science Conference, 8–9 December 2017, Bhutan.

8. **Ahamed, F.** and Z.F. Ahmed. 2019. Biological features of *Salmostoma bacaila* (Cyprinidae) from a tributary of the Payra River, southern Bangladesh. Biennial Conference, Fisheries Society of Bangladesh; hosted by Faculty of Fisheries, Bangladesh Agricultural University, 27–28 December 2019.

9. **Ahamed, F.** and Z.F. Ahmed. 2021. Population dynamics of *Penaeus indicus* (Crustacea: Penaeidae) in a coastal river, southern Bangladesh. World Fisheries Congress 2021 (WFC2021) virtual, 20–24 September 2021, Adelaide, Australia.

10. Ahmed, Z.F., K.M.M. Hasan, M.K. Fatema and **F. Ahmed**. 2021. Food electivity and reproduction of hilsa shad *Tenualosa ilisha* in riverine waters of Bangladesh. World Fisheries Congress 2021 (WFC2021) virtual, 20–24 September 2021, Adelaide, Australia.

11. **Ahamed, F.** and Z.F. Ahmed. 2022. Reproduction and growth of *Penaeus indicus* (Crustacea: Penaeidae) in the Andharmanik River, southern Bangladesh. 9th Biennial Fisheries Conference & Research Fair 2022. Bangladesh Fisheries Research Forum, 28–29 May 2022, Dhaka, Bangladesh.

12. Ahmed, Z.F., U.H. Az Zohora, R. Rashid, M.K. Fatema and **F. Ahamed**. 2022. Reproduction of gangetic mystus *Mystus cavasius* of an inland habitat in Bangladesh. 9th Biennial Fisheries Conference & Research Fair 2022. Bangladesh Fisheries Research Forum, 28–29 May 2022, Dhaka, Bangladesh.

13. Saha, N., **F. Ahamed**, P. Roy, Z.M. Nadia and M.M. Hossain. 2022. Population biology of *Apocryptes bato* (Gobiidae) in the Payra River, southern Bangladesh. 9th Biennial Fisheries Conference & Research Fair 2022. Bangladesh Fisheries Research Forum, 28–29 May 2022, Dhaka, Bangladesh.

14. ***Ahamed, F.** 2022. Estimation of key population parameters for the sustainable management of a fishery. 6th International Conference on "Current Issues in Agricultural, Biological & Applied Sciences for Sustainable Development", 11–13 June 2022, Kalimpong, Deolo, Darjeeling, West Bengal, India.

15. **Ahamed, F.**, M.H. Rimon, S. Sarker and Z.F. Ahmed. 2024. Reproductive biology of the hairy river prawn *Macrobrachium rude* from a tributary of the Bishkhali River, southern Bangladesh. 3rd Biennial International Conference, Fisheries Society of Bangladesh; hosted by Faculty of Fisheries, Bangladesh Agricultural University, 17–18 February 2024.

16. Ahmed, Z.F., M.K. Fatema and **F. Ahamed**. 2024. Reproductive distance between the bay and riverine hilsa shad *Tenualosa ilisha* in Bangladesh. 3rd Biennial International

Conference, Fisheries Society of Bangladesh; hosted by Faculty of Fisheries, Bangladesh Agricultural University, 17–18 February 2024.

Poster Presentation:

1. **Ahamed, F.** 2011. Reproductive biology and growth of the pandalid shrimp *Plesionika izumiae* in Kagoshima Bay, southern Japan. General seminar, The United Graduate School of Agricultural Sciences, Kagoshima University, Japan, 7–9 November, 2011.

2. Jun Ohtomi, **F. Ahamed** and H. Fukushima. 2016. Distribution and abundance of the pandalid shrimp *Plesionika izumiae* (Decapoda: Caridea) in Kagoshima Bay, southern Japan. 54th Annual Meeting, Carcinological Society of Japan, 22–23 October, 2016, Kagoshima,Japan.

3. Farhana, J.A., S.E. Schoustra, **F. Ahamed**, B. Zwaan, O. van Mastrigt. 2024. Development of a standardized processing method for the sustainable preservation of small fish. 3rd Biennial International Conference, Fisheries Society of Bangladesh; hosted by Faculty of Fisheries, Bangladesh Agricultural University, 17–18 February 2024.

Thesis Supervision

As supervisor:

1. Rasel, M. 2016. Study of growth of the mola carplet, *Amblyphrayngodon mola* (Cyprinidae) in the Payra River, southern Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 44 pp.

2. Saha, N. 2017. Population biology of *Apcryptes bato* (Gobiidae) in the Payra River, southern Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 67 pp.

3. Efa, I.J. 2018. Seasonal variations in biological aspects of the cyprinid fish *Salmostoma bacaila* in the Payra River, southern Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 45 pp.

4. Uddin, M.G. 2018. Effects of stocking density on growth performance of pangas (*Pangasius hypophthalmus*) and tilapia (*0reochromis niloticus*) polyculture in hyposaline brackish water pond in southern Bangladesh. M.S. thesis, Department of Marine Fisheries and Oceanography, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 90 pp.

5. Mehedi, M.J.A. 2018. Potential for polyculture of tilapia (*0reochromis niloticus*) and freshwater perch (*Anabus testudineus*) with *Pangasius* catfish (*Pangasius hypophthalmus*) in the hyposaline water of southern Bangladesh. M.S. thesis, Department of Marine Fisheries and Oceanography, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 75 pp.

6. Sultana, M. 2019. Biological aspects of the schilbid fish *Pachypterus athernoides* in the Payra River, southern Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 47 pp.

7. Chakma, U. 2020. Growth of the Indian white prawn, *Penaeus indicus* in the Andharmanik River, southern Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 50 pp.

8. Shajib, M.H. 2020. Population biology of the Indian white shrimp *Penaeus indicus* in the Andharmanik River, southern Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 42 pp.

9. Baroi, P. 2020. Reproductive biology of *Macrobrachium villosimanus* in the Andharmanik River, southern Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 40 pp.

10. Rakib, M.M.H. 2021. Recruitment, growth and longevity of the Tank goby *Glossogobius giuris* in the Rabnabad Channel, southern Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 48 pp.

11. Akter, T. 2021. Life history traits of the gangetic leaf fish *Nandus nandus* from a tributary of the Payra River, southern Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 40 pp.

12. Roy, D. 2021. Stock assessment of the tank goby *Glossogobius giuris* in the Rabnabad Channel, southern Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 41 pp.

13. Akter, H. 2021. Life history traits of *Glossogobius giuris* in the Rabnabad Channel, southern Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 45 pp.

14. Shamim, M.H. 2021. Stock Assessment of the gangetic leaf fish *Nandus nandus*, from a tributary of the Payra River, southern Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 37 pp.

15. Rimon, M.H. 2022. Reproductive biology of the hairy river prawn *Macrobrachium rude* from a tributary of the Bishkhali River, southern Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 52 pp.

16. Sarker, S. 2022. Relative growth and morphological sexual maturity of the hairy river prawn *Macrobrachium rude* from a tributary of the Bishkhali River, southern Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 57 pp.

As co-supervisor:

1. Ruma, M. 2016. Assessment of fish biodiversity and livelihood status of fishermen in Sandha River, Pirojpur. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 92 pp.

2. Islam, M.T. 2016. Observation of present status of three selected fish market in Barisal. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 61 pp.

3. Mahmud, A. 2017. Morphometric, meristic and landmark based analysis of four types of koi (*Anabas testudineus*) in southern Bangladesh. M.S. thesis, Department of Marine Fisheries and Oceanography, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 62 pp.

4. Palas, S.R. 2017. Scio-economic and value chain of hilsa fishers at southern coastal belt of Bangladesh. M.S. thesis, Department of Marine Fisheries and Oceanography, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 55 pp.

5. Hafiza, 2019. Plankton composition in aquaculture field experiment at Banaripara, Barishal. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 65 pp.

6. Bethi, F.A. 2019. Growth performance of grass carp (*Ctenopharyngodon idella*) using floating grass (*Hygroryza aristata*) as fish feed in the coastal region of Bangladesh. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 52 pp.

7. Zannat, M. 2019. Growth performance of stinging catfish (*Heteropneustes fossilis*) in the inundated low-lying agricultural land at Banaripara in Barishal. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 41 pp.

8. Rahman, S.M.A. 2022. Seasonal variation of plankton community structure in the ponds at PSTU campus, Dumki, Patuakhali. M.S. thesis, Department of Fisheries Management, Patuakhali Science and Technology University, Patuakhali, Bangladesh, 72 pp.

Research Projects Completed & On-Going

As principle investigator:

1. "Growth of *Amblypharyngodon mola* (Cyprinidae) in the Payra River, southern Bangladesh" funded by UGC (University Grants Commission of Bangladesh)-PSTU (Patuakhali Science and Technology University), duration: January–December 2015.

2. "Sustainable management of *Amblypharyngodon mola* in the Payra River, southern Bangladesh: an ecosystem approach" (Ref. No. 15-082 RG/BIO/AS_I–FR3240287053) awarded by The World Academy of Sciences (TWAS), Italy, funded by UNESCO; duration: January 2016–June 2017.

3. "Length-weight, length-length relationships and size at sexual maturity of *Pseudapocryptes elongatus* in the Payra River, southern Bangladesh" funded by UGC-PSTU, duration: January–December 2016.

4. "Assessment of detrimental effects of set bagnet to the biodiversity followed by recommendation" funded by UGC-PSTU, duration: September 2017–August 2018.

5. "Population dynamics of the palaemonid prawn *Macrobrachium villosimanus* in the Payra River, southern Bangladesh" (Project ID: LS2018677) funded by the Ministry of Education, Bangladesh, duration: July 2018–June 2021.

6. "Biological aspects of *Penaeus indicus* (Penaeidae) in the Payra River at Patuakhali district, Bangladesh" funded by UGC-PSTU, duration: July 2018–June 2019.

7. "Fisheries biology of *Apocryptes bato* (Gobiidae) and limnoecology of the Payra River, southern Bangladesh" (Ref. No. BS-166) funded by Ministry of Science and Technology, Bangladesh, Duration: July 2018–June 2019.

8. "Population dynamics of *Penaeus indicus* in a coastal river, southern Bangladesh" funded by UGC, Duration: July 2019–June 2020.

9. "Fisheries biology of the Gangetic leaffish *Nandus nandus* (Hamilton, 1822) from the tributary of the Payra River, southern Bangladesh" (Ref. No. BS-248) funded by Ministry of Science and Technology, Bangladesh, Duration: July 2019–June 2020.

10. "Stock assessment of *Anodontostoma chacunda* in the Bay of Bengal" funded by UGC-PSTU, duration: July 2020–June 2021.

11. "Stock assessment of tank goby *Glossogobius giuris* in the Andharmanik River, southern Bangladesh: implications for sustainable management" funded by UGC-PSTU, duration: July 2021–June 2022.

12. "Reproductive biology of the hairy river prawn *Macrobrachium rude* (Heller, 1862) in a tributary of the Bishkhali River, at Barguna district, Bangladesh" funded by UGC-PSTU, duration: July 2022–June 2023.

13. "Population dynamics of the Gangetic leaffish *Nandus nandus* from a tributary of the Payra River, southern Bangladesh" funded by UGC, Duration: January–December 2023.

14. "Determination of morphological sexual maturity of the hairy river prawn *Macrobrachium rude* based on the relative growth from a tributary of the Bishkhali River, southern Bangladesh" funded by UGC-PSTU, duration: July 2023–June 2024.

Language Skill

1. Bengali−The vernacular
2. English−Speaking, reading and writing (*as medium of learning throughout academic degrees, and teaching and research*)
3. Japanese−Speaking

Referees

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I solemnly affirm that the above statements are true to the best of my knowledge and belief.

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(Dr. Ferdous Ahamed)
Date: 20 September 2024