

Curriculum Vitae

of

Professor Dr. Md. Ariful Alam



Objectives:

My research background is the combination of fish biology and genetics with particular emphasis on aquatic biodiversity & conservation, population biology and genetic variation among different fish species. I have also multidimensional research experience in diversified field such as fish breeding, fish taxonomy & population genetics of endangered species, fish reproductive biology, reducing off-flavor of fish flesh and fish meat gel analysis. I did my PhD on microinjection-based cryopreservation of aquatic animals from Population Genetics Laboratory at Tokyo University of Marine Science and Technology, Tokyo, Japan and M.S. in Fisheries Biology and Genetics and B.Sc. in Fisheries from Bangladesh Agricultural University. Moreover, I am also expertise on aquatic organism's culture, molecular analysis, and global warming etc for restoration and conservation of endangered species.

Personal Information:

1. Name of the Applicant : **DR. MD. ARIFUL ALAM**
2. Father's name : Late Md. Waz Uddin
3. Mother's name : Mst. Rabeya Khatun
4. Permanent address : 113/15, Dholadia, Mymensingh
5. Present address : Professor and Chairman
Department of Fisheries Biology and Genetics
Patuakhali Science & Technology University
Dumki, Patuakhali-8602, Bangladesh
Cell Phone: +88 01715-483066
Email: arif.genetics@pstu.ac.bd; arif.genetics@gmail.com
6. Date of birth : 01/01/1982
& Age on 01.09. 2024 : 42 Years 09 Months 01 Day
7. Place of birth : Mymensingh
8. Nationality : Bangladeshi by Birth
9. Marital status : Married
Blood Group: **'O' Positive**

10. Academic Qualifications (from highest degree to the S.S.C. or equivalent):

Name of the Institute/Board /University	Name of the Degree Obtained	Years Attended		Division/ Class /CGPA	Year of Passing	Marks Obtained (in %)
		From	To			
Tokyo University of Marine Science and Technology	Doctor of Philosophy (PhD) in Applied Marine Bioscience	2015	2018	A	2018	Excellent
Bangladesh Agricultural University	M. S. in Fisheries Biology and Genetics	2005	2006	3.812 (Out of 4.0)	2006	76.24%
Bangladesh Agricultural University	B. Sc. Fisheries (Hon's)	2000	2003	First	2004	68.20%
Dhaka	H.S.C	1997	1999	First	1999	71.40%
Dhaka	S.S.C	1993	1997	First	1997	73.40%

11. Special Course(s) or Training(s) Attended:

- i. Research on “**Cryopreservation of Aquatic Animals**” at Tokyo University of Marine Science and Technology, Tokyo, Japan from October, 2015 to September, 2018.
- ii. Training on “**Development of New Fish Products**” at Tokyo University of Marine Science and Technology, Tokyo, Japan from July 10, 2014 to March 27, 2015.
- iii. Training on “**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 at Patuakhali Science and Technology University, Patuakhali, Bangladesh on June 15, 2014.
- iv. Training on “**Fish Meat Gel Analysis**” at Tokyo University of Marine Science and Technology, Tokyo, Japan from December 15, 2013 to March 28, 2014.
- v. “**Training of organizational set-up, current program, activities and working procedures at upazilla level agricultural and rural development**” organized by Department of Agricultural Extension and Education at Bhaluka, Mymensingh. (06 to 09 September, 2003).
- vi. Training on “**Fisheries and Aquaculture Research**” organized by Bangladesh Fisheries Research Institute (BFRI), Mymensingh. (19 to 23 April, 2003).
- vii. Training on “**Aquaculture and Extension: MAEP Experiences**” organized by Mymensingh Aquaculture Extension Project, Mymensingh. (12 to 16 April, 2003).
- viii. Training on “**Aquaculture, Extension and Training Methodology**” organized by Northwest Fisheries Resources Development and Management Project (Phase-III), Parbatipur, Dinajpur, under the supervision of the Government of the People's Republic of Bangladesh, Department of Fisheries. (06 to 09 April, 2003).

12. Title of the Thesis:

a) *PhD/Equivalent:*

Development of a microinjection-based protocol for the cryopreservation of Japanese whiting *Sillago japonica* embryos.

b) *Post Graduate/Equivalent:*

Morphological and allozyme variation in river population of pangas, *Pangasius pangasius* (Hamilton) in Bangladesh.

c) *Under Graduate/Equivalent:* Not applicable

13. List of Research Publications:

A. International:

1. Ullah, M. R., Mredul, M. M. H., Rahman, M. A., Alam, M. A., and **Alam, M. A.**, Weight-length, length-length relationships and form factor of three flatfish species from the Bay of Bengal, Bangladesh, *Archives of Agriculture and Environmental Science*, 7:525-528, 2022.
2. Ullah, M.R., Rahman, M.A., Haque, M.N., Sharker, M. R., Islam, M.M. **Alam, M.A.*** Nutritional Profiling of Some Selected Commercially Important Freshwater and Marine Water Fishes of Bangladesh, *Heliyon*. 8 (2022) e10825. Doi:10.1016/j.heliyon.2022.e10825.
3. Ullah, M.R., Rahman, M.A., Siddik, M.A.B. **Alam, M.A.***, Phenotypic Divergence and Biometric Indices of Silond Catfish, *Silonia silondia* (Hamilton 1822) Populations Inhabiting the Coastal Rivers of Bangladesh, *Heliyon*. 8 (2022) e12484. Doi:10.1016/j.heliyon.2022.e12484.
4. Alam, M.R., Sharmin, S., Islam, S.M.M., **Alam, M.A.**, Ehiguese, F.O., Pattadar, S.N., Shahjahan, M. Salinity intrusion affects early development of freshwater aquaculture species pabda, *Ompok pabda*, *Aquaculture Reports*, 18(100476): 1-7, November, 2020.
5. Rahman, M.A., Ullah, M.R., Kabir, M.A., **Alam, M.A.**, Rahman, M., and Hossen, M.F. Artificial propagation of indigenous yellowtail catfish (*Pangasius pangasius*): Experiences and challenges, *Aquaculture*, 523:1-7, June, 2020.
6. Hossen, S., Sukhan, Z.P., Sharker, M.R., Hossain, M.B., Ali, M.M., **Alam, M.A.**, and Rahman, M.B. Ichthyofaunal diversity of a coastal river in Bangladesh: Status and conservation measures, *Middle-East Journal of Scientific Research*, 28(3): 170-181, June, 2020.
7. Rahman, M.A., Khamari, A., Mandal, B., Ullah, M.R., Hossen, M.B., **Alam, M.A.**, and Saha, N. Assessment of Fish Biodiversity in Basuakhali Beel under Terokhada Upazilla, Khulna, Bangladesh, *Asian Journal of Research in Biosciences*, 1(2): 55-64, September, 2019.
8. **Alam, M.A.** Development of a microinjection-based protocol for the cryopreservation of Japanese whiting *Sillago japonica* embryos. Ph.D. Dissertation, Tokyo University of Marine Science and Technology p-106, 2018.
9. **Alam, M.A.**, Rahman, S.M., Yamamoto, Y., Hattori, R.S., Suzuki, T., Watanabe, M., and Strüssmann, C.A. Optimization of protocols for microinjection-based of cryoprotective agents into fish embryos Japanese whiting (*Sillago japonica*) embryos, *Cryobiology*, 85: 25-32, December, 2018.
10. Rahman, S.M., Strüssmann, C.A., Suzuki, T., Majhi, S.K., Hattori, R.S., and **Alam, M.A.** Effects of ultrasound on permeation of cryoprotectants into Japanese whiting *Sillago japonica* embryos, *Cryobiology*, 77: 19-24, August, 2017.
11. Mahmud, S., Ali, M.L., **Alam, M.A.**, Rahman, M.M., and Jørgensen, N.O.G. Effect of

probiotic and sand filtration treatments on water quality and growth of tilapia (*Oreochromis niloticus*) and pangas (*Pangasianodon hypophthalmus*) in earthen ponds of southern Bangladesh, *Journal of Applied Aquaculture*, 28(3): 199-212, August, 2016.

12. Petersen, M.A., **Alam, M.A.**, Rahman, M.M., Ali, M.L., Mahmud, S., Schlüter, L., and Jørgensen, N.O.G. Geosmin off-flavour in pangasius (*Pangasianodon hypophthalmus*) and tilapia (*Oreochromis niloticus*) from aquaculture ponds in southern Bangladesh: Effect of water treatment and depuration, and occurrence of potential off-flavour producing organisms, *Aquaculture Environmental Interaction*, 5: 107-116, May, 2014.
13. Ashfaqun Nahar, M.A.B. Siddik, **M.A. Alam**, M.E. Ahsan and M.R. Chaklader. Population Genetic Structure of Paradise Threadfin *Polynemus paradiseus* (Linnaeus, 1758) Revealed by Allozyme Marker. *World Journal of Zoology*, 9 (4): 260-266, 2014.
14. Marcussen, H., **Alam, M.A.**, Rahman, N.R., Ali, M.L., Mahmud, S., and Jørgensen, N.O.G. Species-specific content of As, Pb, and other elements in pangas (*Pangasianodon hypophthalmus*) and tilapia (*Oreochromis niloticus*) from aquaculture ponds in southern Bangladesh, *Aquaculture*, 426-427: 85-87, April, 2014.
15. **Alam, M.A.**, Siddik, M.A.B., Nahar, A., Mahmud, S., and Parvez, I. Genetic Divergence in Natural Populations of Yellowtail Catfish *Pangasius pangasius* (Hamilton-Buchanan, 1822) Using Allozyme Marker, *World Applied Sciences Journal*, 29(7): 926-932, January, 2014.
16. Ahsan, M.E., Siddik, M.A.B., Sharker, M.R., **Alam, M.A.**, Nahar, A., and Pattadar, S.N. Fish Species availability in the fish landing centers of Patuakhali, Bangladesh, *International Journal of Science and Technological Research*, 3 (2): 220-225, February, 2014.
17. Ahsan, M.E., Sharker, M.R., **Alam, M.A.**, Siddik, M.A.B., and Nahar, A. Effects of addition of tilapia and periphyton substrates on water quality and abundance of plankton in freshwater prawn culture ponds, *International Journal of Science and Technological Research*, 3 (2): 272-278, July, 2011.

B. National:

1. **Alam, M.A.***, Ullah, M.R., Kabir, M.A., Rahman, M.A., Siddik, M.A.B. Variations in Biometric Indices and Condition Factor of the Paradise Threadfin, *Polynemus paradiseus* (Linnaeus, 1758) Inhabiting the Coastal Rivers of Bangladesh, *Journal of Patuakhali Science and Technology University*, 2021. 11 (1): 102-118.
2. M.E. Ahsan, M.A.B. Siddik, M.R. Sharker, **M.A. Alam**, A. Nahar, and S.N. Pattadar. 2014. Fish Species availability in the fish landing centers of Patuakhali, Bangladesh. *Int. J. Sci. Technol. Res.* 3 (2): 220-225.
3. M.E. Ahsan, M.R. Sharker, **M.A. Alam**, M.A.B. Siddik and A. Nahar. 2014. Effects of addition of tilapia and Periphyton substrates on water quality and abundance of plankton in freshwater prawn culture ponds. *Int. J. Sci. Technol. Res.* 3 (2): 272-278.
4. Pattadar, S.N., **Alam, M.A.**, Sharkar, M.R., Mahmud, S., and Ali, M.L. Observation of water quality parameters of culture ponds at Patuakhali Science and Technology University, *Journal of Patuakhali Science and Technology University*, 4(2): 75-84, December, 2013.
5. Alam, M.A., Sharker, M.R., **Alam, M.A.**, Hossain, M.S., and Rahman, M.M. Taxonomic variation and growth performance between local pangas (*Pangasius pangasius*) and Thai pangas (*Pangasianodon hypophthalmus*) in Bangladesh, *Journal of Patuakhali Science and Technology University*, 4(2): 1-12, December, 2013.
6. Hossain, M.M., and **Alam, M.A.** Culture and Evaluation of Growth Performance of Monosex Tilapia (*Oreochromis nilotica*) in the Marginal Farmers Pond at Around the PSTU Campus, *Journal of Patuakhali Science and Technology University*, 4(1): 37-44, June, 2013.

7. **Alam, M.A.**, Mahmud, S., Khan, M.M.R., and Parvez, I. Morphological variation in river populations of pangas, *Pangasius pangasius* (Hamilton) in Bangladesh, *Journal of Patuakhali Science and Technology University*, 3(2): 111-117, December, 2012.
8. **Alam, M.A.**, Khan, M.M.R., Parvez, I., and Siddik, M.A.B. Genetic variation of local pangas, *Pangasius pangasius* (Hamilton, 1822) in rivers populations in Bangladesh inferred by allozyme marker, *Molecular Biology and Biotechnology Journal*, 4(1&2): 76-81, December, 2006.
9. **Alam, M.A.**, Parvez, I., and Khan, M.M.R. Effect of 17 α - methyl testosterone on growth and sex-ratio of common carp, *Cyprinus carpio* var. *communis* (Linnaeus), *Journal of Bangladesh Agricultural University*, 4(2): 313-318, December, 2006.
10. Parvez, I., Khan, M.M.R., Rahman, S.M.Z., and **Alam, M.A.** Present status and future potential of the gene pool of local sarpunti, *Puntius sarana* (Hamilton), *Journal of Bangladesh Agricultural University*, 4(2): 319-324, December, 2006.

C. **Conference Proceedings:**

1. **Alam, M.A.***, Ullah, M.R., Rahman, M.A. Nutritional Profiling of Some Selected Commercially Important Freshwater and Marine Water Fishes of Bangladesh, Fisheries Society of Bangladesh (FSB) - Young Fisheries Scientist Conference (YFSC) 2023, Sher-e-Bangla Agricultural University, Agargaon, Dhaka, Bangladesh, 11 March, 2023.
2. Ullah, M.R., Rahman, M.A., **Alam, M.A.***, Phenotypic Divergence and Biometric Indices of Silond Catfish, *Silonia silondia* (Hamilton 1822) Populations Inhabiting the Coastal Rivers of Bangladesh, Fisheries Society of Bangladesh (FSB) - Young Fisheries Scientist Conference (YFSC) 2023, Sher-e-Bangla Agricultural University, Agargaon, Dhaka, Bangladesh, 11 March, 2023.
3. **Alam, M.A.**, Ullah, M.R., Rahman, M.A., Haque, M.N., Sharker, M. R., Islam, M.M. Nutritional Profiling of Some Selected Commercially Important Freshwater and Marine Water Fishes of Bangladesh. 6th International Conference on Current Issues in Agricultural, Biological & Applied Sciences for Sustainable Development (CIABASSD-2022), Kalimpong Science Centre, Deolo, Darjeeling, W.B., 11-13 June, 2022.
4. **Alam, M.A.**, Rahman, S.M., Yamamoto, Y., Hattori, R.S., Suzuki, T., Watanabe, M., and Strüssmann, C.A. Optimization of protocols for microinjection-based of cryoprotective agents into fish embryos. 55th Annual meeting of the Society for Cryobiology “CRYO2018: Scientific Challenges of Cryobiology”, Madrid, Spain, P-38, July 10-13, 2018.
5. **Alam, M.A.**, Strüssmann, C.A., Rahman, S.M., Yamamoto, Y., and Sakai, S. Development of a microinjection-based protocol for impregnation of Japanese whiting (*Sillago japonica*) embryos with cryoprotective agents. 85th International Symposium “Fisheries Science for Future Generations”. The Japanese Society of Fisheries Science, Tokyo University of Marine Science and Technology, Shinagawa, Tokyo, Japan, September 22-24, 2017.
6. Rahman, S.M., Strüssmann, C.A., Suzuki, T., and **Alam, M.A.** Studies on the effects of chemical and physical treatments on the permeation of the cryoprotectant dimethyl sulfoxide into Japanese whiting (*Sillago japonica*) embryos. Cryopreservation Conference 2016, Okazaki, Aichi, Japan, pp 54, November 10-11, 2016.
7. Mahmud, S., **Alam, M.A.**, Alam, M.R., Alam, M.J., and Paul, S.R. Effects of formulated diet on growth of sea bass *Lates calcarifer* in freshwater condition. Proceedings of the 6th Biennial Fisheries Conference & Research Fair 2014, Bangladesh Fisheries Research Forum (BFRF), Bangladesh Agricultural Research Council, Dhaka, Bangladesh, pp 94, April 26-27, 2014.

[Note. * = Corresponding Author]

D. Awards:

1. **Researcher Award-2022**, Patuakhali Science and Technology University Teachers Association, Bangladesh.
2. **President Award**, Tokyo University of Marine Science and Technology, Tokyo, Japan, 2018 as a best researcher.
3. **Student Travel Grant Award**, Society for the Cryobiology (CRYO2018), Madrid, Spain, 2018.
4. **Monbukagakusho (MEXT) Scholarship for Post Graduate Studies (PhD)**, Ministry of Education, Culture, Sports, Science and Technology, Japan, 2015 to 2018.
5. **National Science and Technology (NST) Fellowship Award**, Ministry of Science and Information & Communication Technology, Bangladesh, 2005-2006.

E. List of Research projects:

1. Intra-specific study of genetic variation of the natural population of pangas, *Pangasius pangasius* (Hamilton) by using Allozyme electrophoresis and PCR-RFLP for restocking - **Research Assistant** – BAU, Mymensingh – Funded by UGC - Duration: 01 September, 2005 to 31 August, 2006
2. Study of biodiversity of endangered fish species *Puntius sarana* and its genetic improvement for its revival - **Research Assistant** - BAU, Mymensingh – Funded by BAURES - Duration: 16 December, 2004 to 31 August
3. Co-Investigator of a project named “Establishment of suitable technique to reduce off-flavor in fishes - **Co-Principal Investigator** - Funded by Regional Fisheries and Livestock Development Barisal Component (RFLDC, Barisal), DANIDA - Collaborative Research between Patuakhali Science and Technology University, Bangladesh and University of Copenhagen, Denmark – Duration: 1.11.2011-31.10.2012
4. Development of sustainable aquaculture of emerging fin fish species sea bass (*Lates calcarifer*) in the coastal district” - **Co-Principal Investigator** - Funded by Infrastructural Development and Research Strengthening of Bangladesh Fisheries Research Institute (IDRS-BFRI) - Patuakhali – Duration: 1st January, 2013 to 31 December, 2013.
5. Fish meat gel analysis - **Research Assistant** - Tokyo University of Marine Science and Technology, Japan –Duration: 15.12.2013 to 28.3.2014 and doing research in the field of food processing especially Protein and Enzyme chemistry
6. Development of new fish products - **Research Assistant** - Tokyo University of Marine Science and Technology, Japan –Duration: 10.7.2014 to 27.3.2015 and doing research in the field of food processing especially Protein and Enzyme chemistry
7. Population dynamics of the palaemonid prawn *Macrobrachium villosimanus* in the Payra River, southern Bangladesh - (Project ID: LS2018677) – **Co-Principal Investigator** - Funded by the Ministry of Education, Bangladesh - Duration: July 2018-June 2021.
8. Improvement of existing fattening technology of carp and high valued small indigenous species (SIS) through good aquaculture practices (GAP) in different agro-ecosystems -

Co-Principal Investigator – Patuakhali, Bangladesh – Funded by BARC - Duration: December 2018 to June 2021.

9. Morphological Variation and Gut Content Analysis of Paradise Threadfin *Polynemus paradiseus* (Linnaeus, 1758) of River Populations in Bangladesh – **Principal Investigator** - Patuakhali, Bangladesh – Funded by RTC - Duration: 1.7.2019-30.6.2020
10. Nutritional profile of selected commercially important freshwater and marine water fishes of Bangladesh - **Principal Investigator** - Patuakhali, Bangladesh – Funded by RTC - Duration: 1.7.2020-30.6.2021
11. Taxonomic variation and reproductive biology of smelt whiting, *Sillaginopsis panijus* in southern Bangladesh - **Principal Investigator** - Patuakhali, Bangladesh – Funded by UGC - Duration: 1.9.2020-31.8.2021
12. Study on the sperm quality and motility of Thai pangas, *Pangasius sutchi* in Bangladesh - **Principal Investigator** - Patuakhali, Bangladesh – Funded by RTC - Duration: 1.7.2021-30.6.2022
13. Taxonomic Variation and Reproductive Biology Study of Yellowfin seabream, *Acanthopagrus latus* (Houttuyn, 1782) of coastal population in Bangladesh - **Principal Investigator** - Patuakhali, Bangladesh – Funded by RTC - Duration: 1.7.2022-30.6.2024
14. Development of a protocol for the sperm cryopreservation of freshwater snail, *Pila globosa* and mussel, *Lamellidens marginalis* - **Principal Investigator** - Patuakhali, Bangladesh – Funded by GARE, Ministry of Education - Duration: 1.7.2022-30.6.2025
15. Sustainable livelihood of coastal communities through macroalgae farming for food and nutritional security, climate change mitigation and women empowerment - **Co-Principal Investigator** – Patuakhali, Bangladesh – Funded by Sustainable Coastal and Marine Fisheries Project (SCMFP) - Duration: May 2024 to April 2025.

14. Job Experience:

a. Job Details:

Name of the institute	Name of the Post	Tenure of Service		Service Length
		From	To	
Patuakhali Science and Technology University	Professor	5/01/2022	Till date	Continue
Patuakhali Science and Technology University	Associate Professor	5/01/2018	4/01/2022	4 Years
Patuakhali Science and Technology University	Assistant Professor	5/01/2013	4/01/2018	5 Years
Patuakhali Science and Technology University	Lecturer	16/10/2011	4/1/2013	1 year 2 months and 19 days on
Patuakhali Science and Technology University	Lecturer (Part-time)	5/1/2011	15/10/2011	9 months and 11 days

b. Classes taken (Graduate/Post Graduate/Others) and Subjects taught:

Courses taken at graduate level:

Fisheries Biotechnology, Fish Breeding Technology, Principles of Genetics, Genetics and Fish Breeding, Fish Physiology, General Ichthyology and Fisheries Zoology.

Courses taken at post graduate level:

Advanced Fish Behavior, Shellfish Biology, Experimental design and Genetic Data Analysis, Advanced Fish Physiology, Embryology of fishes.

c. Present job position with address:

Professor and Chairman, Department of Fisheries Biology and Genetics, Patuakhali Science & Technology University, Dumki, Patuakhali-8602, Bangladesh.

d. List of my MS students:

Supervisor			
Sl.	Name	Reg. No.	Thesis Title
1.	Md. Rahamat Ullah	05121	Biological and Nutritional Evaluation of Silond Catfish (<i>Silonia silondia</i>) from Coastal Rivers of Bangladesh.
2.	Md. Alamgir Kabir	05115	Morphological Variation, Reproductive Biology and Gut Content Analysis of Paradise Threadfin <i>Polynemus paradiseus</i> (Linnaeus, 1758) of River Populations in Patuakhali District.
3.	Nusrat Jahan Ripa	05154	Taxonomic Variation, Reproductive Biology and Gut Content Analysis of Smelt Whiting, <i>Sillaginopsis panijus</i> in Bangladesh.
4.	Sharmin Sarna	05162	Study on Water Quality and Plankton Diversity of Carp Fattening and SIS Ponds in the Coastal Region of Bangladesh.
5.	Tahsin Aziz Rimon	05126	Morphological Variation and Reproductive Biology of Thai pangas, <i>Pangasius hypophthalmus</i> in Bangladesh. (Not Submit)
6.	Ujjal Barin Mistry	05763	Effect of the NaCl and NaOH on sperm quality and sperm motility of Thai pangas, <i>Pangasius hypophthalmus</i> in Bangladesh.
7.	Al-Azim	06664	Dietary <i>Gracilaria tenuistipitata</i> mediated the growth performance, biochemical response and intestinal health of Nile Tilapia (<i>Oreochromis niloticus</i>).
Co-Supervisor			
1.	Bethi Das	05108	Dietary earthworm meal induced dose-dependent variations in growth, intestinal health, haematological response and erythrocyte-metric parameters of Nile Tilapia (<i>Oreochromis niloticus</i>).
2.	Md. Rased Khan Manon	05791	Identification and Quantification of Microplastics in Aquaculture Species: Tilapia as a Fish Model for Evaluation.
3.	Sudipta Kumar Nag	06710	Synergistic effect of Vitamin C and E supplement on

			growth, biochemical, immune and intestinal health in Tilapia (<i>Oreochromis niloticus</i>).
4.	Khandakar Rakibul Hasan	06695	Effects of moringa (<i>Moringa oleifera</i>) leaf supplementation on growth performance, hematological parameter, body biochemical composition, and gene expression profile of stinging catfish, <i>Heteropneustes fossilis</i> .

15. Language Proficiency:

Name of the Language	Reading	Writing	Speaking
English	Very Good	Very Good	Good
Bengali	Excellent	Excellent	Excellent
Japanese	-	-	Good
Arabic	Very Good	Good	-

16. Experience of a residential University and ability to develop the corporate activities of the students:

- Chairman, Department of Fisheries Biology and Genetics**, Faculty of Fisheries, Patuakhali Science and Technology University, Dumki, Patuakhali-8602, Bangladesh.
Duration: March 1, 2023 to till date.
- Officer-in-Charge, Fish farm**, Faculty of Fisheries, Patuakhali Science and Technology University, Dumki, Patuakhali-8602, Bangladesh.
Duration: August 29, 2021 to October 31, 2023.
- Chairman, Department of Fisheries Biology and Genetics**, Faculty of Fisheries, Patuakhali Science and Technology University, Dumki, Patuakhali-8602, Bangladesh.
Duration: April 1, 2019 to March 24, 2021.
- Chairman, Department of Fisheries Biology and Genetics**, Faculty of Fisheries, Patuakhali Science and Technology University, Dumki, Patuakhali-8602, Bangladesh.
Duration: April 28, 2015 to October 01, 2015.
- Assistant Provost, Sher-e-Bangla Hall-1**, Patuakhali Science and Technology University, Dumki, Patuakhali-8602, Bangladesh.
Duration: January 10, 2012 to April 2014.

17. Name of membership of professional associations:

- Life Member of Japan Universities Alumni Association in Bangladesh (JUAAB)
- Life Member of Bangladesh Krishibid Institute (KIB).
- Life Member of Bangladesh Fisheries Research Forum (BFRF).
- Member of Japanese Society of Fisheries Science (JSFS).
- Student member of the Society for the Cryobiology.

18. Name and addresses of three referees (who are not related to you by blood or marriage):

a. Professor Dr. Md. Samsul Alam

Department of Fisheries Biology and Genetics
Faculty of Fisheries
Bangladesh Agricultural University, Mymensingh
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b. Professor Dr. Sultan Mahmud (Ex-Faculty)

Department of Aquaculture
Faculty of Fisheries
Patuakhali Science and Technology University
Dumki, Patuakhali-8602
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Email: sultanmahmud77@yahoo.com

c. Professor Dr. Sheikh Mustafizur Rahman

Fisheries & Marine Resource Technology Discipline
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Date: 01/09/2024



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Signature of the applicant