**Faculty of Fisheries**

**Department of Fisheries Biology and Genetics**

**(Number of PhD students admitted: 17)**

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| **No.** | **Name of student** | **Name of Supervisor** | **Proposed Dissertation Title** | **Date of admission** | **Date of 1st seminar** | **Date of 2nd seminar** | **Name of the Chairman of the Examination Committee** |
| 1 | Md. Arif Hossain | Prof. Dr. Md. Rafiqul Islam Sarder | Production of Improved Broodstock of *Catla catla*, and *Crihinus cirrhousus* Using Cryoperserved Spermatozoa and Quality Assessment through Genetic Markers | 01/02/15 | 31/01/16 | 26/01/21 | Prof. Dr.Md. Sadiqul Islam |
| 2 | Humayun Kabir | Prof. Dr. Mostafa Ali Reza Hossain | Changing Pattern of Fishers Livelihood in Relation to Climate Change in haor, Riverine and Coastal Areas of Bangladesh  | 13/01/16 |  |  |  |
| 3 | Mst. Jannatul Ferdous | Prof. Dr. Mostafa Ali Reza Hossain | Value Chain of Fermented Fish Production in Bangladesh: Biodiversity Issues, Livelihood Aspects and Ecological Implications | 11/08/16 |  |  | Prof. Dr.Mohammad Matiur Rahman |
| 4 | Bhakta Supratim Sarker | Prof. Dr.Md. Sadiqul Islam | Improving Salinity Tolerance of Nile Tilapia (*Oreochromis niloticus*) through Hybridization and Market-Assisted Selection | 29/10/17 | 09/04/18 | 14/05/18 | Prof. Dr. Md. Rafiqul Islam Sarder |
| 5 | Md. Moniruzzaman | Prof. Dr.Md. Sadiqul Islam | Multilevel Integrative Biomarkers and Its Recovery Responses in a Freshwater Teleost, Silver Barb Exposed to Profenofos | 25/02/18 | 09/04/18 |  | Prof. Dr. Md. Zakir Hossen |
| 6 | Tayfa Ahmed | Prof. Dr. Md. Zakir Hossen | Impact of Climate Change on the Fisheries Resources in the Lower Meghna River | 24/05/18 | 21/03/19 |  |  |
| 7 | Md. Saddam Hossain | Prof. Dr. Md. Zakir Hossen | Effects of Dietary Polyunnaturated Fatty Acids and Beta Glucan on Maturity, Immunity and Fly Quality of Pabdha Catfish, *Omopk pabda* (Hamilton 1822) | 23/10/18 | 21/03/19 | 18/03/21 | Prof. Dr. Mohd. Golam Quader Khan |
| 8 | S. Sanjib Bashk | Prof. Dr. Md. Zakir Hossen | Study of Morphometry and Enhancement of Reproduction of *Barilius Barila.* (Hamiltion, 1822) in Captive Condition | 12/09/18 |  |  |  |
| 9 | Sadia Salam | Prof. Dr.Md. Sadiqul Islam | Application of Synbiotics on Growth and Development of Immune System in Stinging Catfish (*Heteropneustes fossilis*)  | 21/04/19 | 16/01/20 |  |  |
| 10 | Md. Hadiuzzaman | Prof. Dr. Md. Zakir Hossen | Effects of Dietary Polyunsaturated Fatty Acids and Beta Glucan on Enhanced Maturity, Immunity and Fry Quality of Rohu, *Labeo rohita* | 10/04/19 |  |  |  |
| 11 | Mt. Shamima Yasmin | Prof. Dr. Mostafaf Ali Reza Hossain | Assessment of the Impact of Fishing Ban on Species Diversity, Hilsa Production and Socioeconomic Status of Hilsa Fishers  | 28/11/19 |  |  |  |
| 12 | Mohammad Abu Taher | Prof. Dr. Md. Rafiqul Islam Sarder | Captive Rearing, Induced Breeding and Cryopreservation of Sperm of Critically endangered Indigenous *Mohashol Tor tor* (Hamilton 1822) | 27/02/20 |  |  |  |
| 13 | Md. Abdur Razzak | Prof. Dr. Md. Rafiqul Islam Sarder | Producion of Quality broods and Seeds of *Catla catla* and *Hypophthalmichthys* *molitrix* Using Cryopreserved Sperm and and Dissemination of the Technology to the Selected Hatcheries | 01/03/21 |  |  |  |
| 14 | Mohammed Jahangir Alam | Prof. Dr. Md. Rafiqul Islam Sarder | Cryogenic Sperm Banking of Rohu (*Labeo rohita*) and Bighead Carp (*Hypophthalmichthys nobilis*) and Production o their Quality Broods Using Cryopreserved Sperm in the Selected Hatcheries | 1/04/21 |  |  |  |
| 15 | Mohammad Abu Baker Siddique | Prof. Dr. A.K. shakur Ahammad | Assessing Climate Change Impacts on Growth and Seed Production of Tilapia (*Oreochromis niloticu*s) in Traditional and Control Husbandry Systems to Develop Mitigation Strategies for Sustainable Hatchery Operation  | 25/08/21 |  |  |  |
| 16 | Shajjad Hossaian | Prof. Dr. Md. Rafiqul Islam Sarder | Development of Cryogenic Sperm Bank of Mrigal (*Cirrhinus cirrhosu*s) and Grass Carp (*Ctenopharyngodon*) and Production of their Quality Broods Using Cryopreserved Sperm in the Selected Commercial Hatcheries  | 30/09/21 |  |  |  |
| 17 | Md. Belal Hossen | Prof. Dr. Md. Samsul Alam | Development of Quality Broodstock and Mass Production of Post Larvae of *Macrobrachiun rosenbergii* through Nutritional, Genetic and Health Management | 22/11/2021 |  |  |  |

**Department of Aquaculture**

**(Number of PhD students admitted: 12)**

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| **No.** | **Name of student** | **Name of Supervisor** | **Proposed Dissertation Title** | **Date of admission** | **Date of 1st seminar** | **Date of 2nd seminar** | **Name of the Chairman of the Examination Committee** |
| 1 | Md. Iqbal Hossain | Prof. Dr. Ahasan Bin Habib | Impact of Hilsa Management Interventions on Production and Livelihood of the Fishers | 08/05/12 |  |  | Prof. Dr. Kirtunia Juran Chandra |
| 2 | Al-Minan Noor | Prof. Dr. M.A. Salam | Tilapia –based Aquaponic System with Okra, Tomato and Amaranths for Food Security and Environmental Sustainability | 06/10/15 | 13/05/19 |  | Prof. Dr. Md. Ali Reza Faruk |
| 3 |  Md. Belal Hossain | Prof. Dr. Mohammad Mahfujul Haque | Assessing the Value Chain of Aquaculture Drugs and Chemicals and its Impact on Safe Farmed Fish Production in Bangladesh |  31/01/17 |  13/05/18 |   |  |
| 4 | Neaz Al Hasan | Prof. Dr. Mohammad Mahfujul Haque | Application of Multivariate Analysis to Identify the Risk Factors Responsible for White Spot Disease in Shrimp Aquaculture, Bangladesh | 13/09/17 |  |   |  |
| 5 | K.M. Abdul Halim | Prof. Dr. Md. Ali Reza Raruk | Health Management Strategy for Commercially Cultured High Value Fishes.  | 29/10/17 | 18/02/20 |  | Prof. Dr. M. Mamnur Rashid |
| 6 | Md. Monzurul Hoque | Prof. Dr. S.M. Rahmatullah |  Diversity of Aquatic Plants in Jamalpur District | 18/02/18 |  |  |  |
| 7 | Md. Mosharraf Hossain | Prof. Dr. M.A. Salam | Optimizing Stocking Density of Fish and Vegetables in Aquaponic System for Sustainable Production  | 18/03/18 |  |  |  |
| 8 | Md. Rayhan Hossain | Prof. Dr. M.A. Salam | Assessment of Biomass in Aquaponic and Traditional Agricultural Systems  | 06/08/18 |  |  |  |
| 9 | Rashidul Hassan | Prof. Dr. Gais Uddin Ahmed | Effectiveness of Commercial Probiotics on the Growth Performance, Immune Response and Health Management of some Intensive Aquaculture Species in Bangladesh | 28/11/18 |  |  |  |
| 10 | Md. Abdullah Al Mahamud | Prof. Dr. Gais Uddin Ahmed | Epizootiology, and Health Management Issues of Bacterial Diseases in *Clarias batrachus* and *Heteropneustes* *fossilis* Culture in Three Division of Bangladesh. | 13/03/19 |  |  |  |
| 11 | Hazrat Ali | Prof. Dr. Mohammad Mahfujul Haque | Assessment of Emerging Aquaculture Value Chain Impacts in Bangladesh through Application of Machine Learning | 10/01/21 |  |   |  |
| 12 | Balaram Mahalder | Prof. Dr. Mohammad Mahfujul Haque | Assessing Impacts of Climate Change on Pangasius (*Pangasianodon hypophthalmus*) Seed Production Towards Sustainable Hatchery Operation | 04/01/22 |  |  |  |

**Department of Fisheries Management**

**(Number of PhD students admitted: 08)**

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| **No.** | **Name of student** | **Name of Supervisor** | **Proposed Dissertation Title** | **Date of admission** | **Date of 1st seminar** | **Date of 2nd seminar** | **Name of the Chairman of the Examination Committee** |
| 1 | Mohammad Ferdous Siddi | Prof. Dr. Md. Jasim Uddin | *In Vivo* and *In Vitro* Peari Production Using Freshwater Pearly Mussels (*Lamellidens marginalis)* | 06/06/18 | 21/05/19 |  |  |
| 2 | Md. Mohibul Hasan | Prof. Dr. Harunur Rashid | Detection of Residual Concentration of Pesticides on Freshwater Organisms in Bangladesh | 20/01/19 | 16/10/19 |   |  |
| 3 | Farzana Hossain | Prof. Dr. Md. Shahjahan | Effects of Salinity on Growth and Reproductive functions of Thai Pangas *Pangasianodon hypophthalmus*  | 30/09/19 | 27/02/20 |  |  |
| 4 | Kaniz Fatema | Prof. Dr. Harunur Rashid | Microplastic Pollution in Marine Biota from the Coastal-marine Waters of Bangladesh  | 10/03/19 | 16/10/19 |   |  |
| 5 | Md. Kabir Hossain | Prof. Dr. Md. Shahjahan | Characterization of Selection Probiotics and Their Impacts on Growth and Reproductive Functions of Nile Tilapia | 24/12/20 |  |  |  |
| 6 | S.M. Majharul Islam | Prof. Dr. Md. Shahjahan | Effects of High Temperature on Growth and Reproductive Functions of Nile Tilapia, *Oreochromis niloticus* | 24/12/20 |  |  |  |
| 7 | Zannatul Ferdous | Prof. Dr. Md. Shahjahan | Selection of Probiotics for gulsha (*Mystus cavasius*) Culture in Ponds and Biofloc System | 22/08/21 |  |  |  |
| 8 | Md. Mahmudunnabi Mithu | Prof. Dr. Harunur Rashid | Microplastic Contaminations in Fish and Aquatic Food Chain Along the Jamuna-Old Brahmaputra Rivers | 27/09/21 |  |  |  |

**Department of Fisheries Technology**

**(Number of PhD students admitted: 05)**

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| **No.** | **Name of student** | **Name of Supervisor** | **Proposed Dissertation Title** | **Date of admission** | **Date of 1st seminar** | **Date of 2nd seminar** | **Name of the Chairman of the Examination Committee** |
| 1 |  Mousumi Akter | Prof. Dr. A.K.M. Nowsad Alam | Developments of High Quality Stabilized Fish Mince from Pangas *Pangasianodon Hypophthalmus* to formulate Secondary Consumer Products Formulation |  03/10/18 |  12/02/20 |   |  |
| 2 |  Mahfoja Begum | Prof. Dr. A.K.M. Nowsad Alam | Development of Value-added Products from Freshwater Fish and Its Impact on Community Enterprise Development and Post-harvest Loss Reduction |  21/08/19 |   12/02/20 |   |  |
| 3 |  Fanindra Chandra Sarker | Prof. Dr. A.K.M. Nowsad Alam | Comparative Analysis of the Impact of Community Empowerment Process on Post-harvest Loss Reduction in Haor and Floodplain Fisheries  |  30/09/19 |  12/02/20 |   |  |
| 4 | Md. Nure Rasul |  Dr. Md. Shaheed Reza | Antibiotic Resistance Profile and Molecular Characterization of Pathogenic Bacteria Emerging in Selected Aquaculture Farms of Bangladesh  |  24/08/21 |   |   |  |
| 5 | Md. Shofikul Islam | Prof. Dr. Md. Abul Mansur | Studies on the Seasonal Variation in Nutritional Composition, Quality and Safety of Giant Freshwater Prawn (*Macronrachium rosenbergii*) and Giant Tiger Water Prawn (*Penaeus monodon)* | 28/11/21 |  |  |  |