



Curriculum Vitae

Md. Abdul Hannan is serving as an Assistant Professor in the Department of Aquatic Animal Health Management, Sher-e-Bangla Agricultural University, Dhaka-1207, with a distinguished academic and professional background in the field of Aquatic Animal Health Management. Mr. Hannan has completed his Ph.D. from Universiti Malaysia Sarawak (UNIMAS), Malaysia, and received a prestigious Vice-Chancellor's award. Currently, Mr. Hannan is working on fish and shellfish diseases, disease diagnosis, immunology, antibiotics, probiotics and disease control measures.



Personal Information

First name (s)/ Surname (s) Md. Abdul Hannan
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Work Experience

Dates 27/12/2020 to Present
Occupation or position held Assistant Professor
Name of the organization Sher-e-Bangla Agricultural University
Address Sher-e-Bangla Nagar, Dhaka-1207, Bangladesh
Dates 27/12/2018 to 26/12/2020
Occupation or position held Lecturer
Name of the organization Sher-e-Bangla Agricultural University
Address Sher-e-Bangla Nagar, Dhaka-1207, Bangladesh
Dates 14/09/2017 to 26/12/2018
Occupation or position held Assistant Manager
Name of the organization TÜV-SÜD Bangladesh (Pvt.) Ltd.
(German origin testing, inspection, audit and certification body of seafoods)
Address Update tower, Uttara Model Town, Uttara, Dhaka-1230
Dates 01/01/2015 to 13/09/2017
Occupation or position held Commercial Manager
Name and address of employer RISFI (Seacarin Representative Office, Bangladesh)
Hazi Mohasin road, Khulna, Bangladesh
Type of business or sector Belgium origin Seafood business company
Dates 01/03/2013 to 30/09/2014

Project Handling

Date 01/07/2021 to 01/06/2022
Occupation or position held Project Investigator (PI)
Name of the organization Sher-e-Bangla Agricultural University, Dhaka-1207
Project title Quantification of Heavy Metals in the Mangrove Mud Crab (*Scylla serrata*) of Bangladesh.
Funding organization Ministry of Science and Technology (MoST)
Date July 2020 to June 2021
Occupation or position held Co-Principal Investigator
Name of the organization Noakhali Science & Technology University
Project title Determination and quantification of Ciprofloxacin and Azithromycin residue in plasma and edible tissue of *Oreochromis niloticus* fish following oral administration.
Funding organization Noakhali Science & Technology University Research Cell

Date	01/10/2021 to 30/06/2023
Occupation or position held	Research Associate
Name of the organization	Universiti Malaysia Sarawak (UNIMAS), Malaysia
Project title	Evidence based advocacy for pro-poor nature-based adaptation solution by innovation of natural mangrove Mud Crab (<i>Scylla serrata</i>) hatchery development in Bangladesh.
Funding organization	United Nations Development Programme (UNDP)
Date	01/03/2013 to 31/09/2014
Occupation or position held	Research Associate
Name of the organization	Gazipur Agricultural University, Bangladesh
Title of the project	Adaptation of High Valued Fish Species Shing (<i>Heteropneustes fossilis</i>) Culture Technology for Maximizing Production in Different Agro-Ecological Zones of Bangladesh
Funding organization	Krishi Gobeshona Foundation (KGF)
Date	01/03/2013 to 30/09/2014
Occupation or position held	Research Associate
Name of the organization	Gazipur Agricultural University, Bangladesh
Title of the project	Molecular Detection and Biocontrol of the Pathogen Causing Vibriosis and Black Spot Disease in Prawn and Shrimp
Funding organization	Ministry of Science and Technology

Honors and Awards

Date	4 November 2024
Event	Vice-Chancellor's Award (Doctoral program by research), Universiti Malaysia Sarawak (UNIMAS), Malaysia
Date	21 January 2024
Event	Best research presentation award of International Research Conference 2024, Insight Institute of Management and Technology, Sri Lanka for “Stimulation of immune response (Hemocytes, SOD, proPO) of female brood Mud Crab (<i>Scylla olivacea</i>) fed with dietary Lacto-sacc.
Date	4 April 2019
Event	“WorldFish Science Event for Young Researchers in Bangladesh” organized by WorldFish.

Education

Degree awarded	Ph.D. (Aquatic Science)
Institution	Universiti Malaysia Sarawak (UNIMAS), Malaysia
Passing year	2024
Degree awarded	MS (Fisheries Management)
Institution	Gazipur Agricultural University, Bangladesh
Passing year	2015
Degree awarded	BS (Fisheries)
Institution	Gazipur Agricultural University, Bangladesh
Passing year	2012

Membership

Life member of Bangladesh Fisheries Research Forum (BFRF)

Training

01.03.2020 - 27.03.2020	: “25 th Foundation Training for University Teachers” at Graduate Training Institute (GTI), Bangladesh Agricultural University (BAU), Mymensingh.
24.07.2019 - 24.07.2019	: Training and workshop program on “Scientific Paper Writing and Publication” conducted by Sher-e-Bangla Agricultural University Research System (SAURES), Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207.
12.01.2019 - 13.01.2019	: Training program on “Responsibilities of teachers, outcome-based education and different rules and regulation” conducted by outreach, Sher-e-Bangla

03.06.2013 - 12.06.2013 : Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207.
: Training program on “Office Management” conducted by the department of
Computer Science and Information Technology of Bangabandhu Sheikh
Mujibur Rahman Agricultural University, Gazipur-1706, Bangladesh

List of Publications

1. Book

Hannan, M. A., Habib, K. A., Sahabuddin, A. M., Munir, M. B., Haque, M. A. (2022). Post-Harvest Processing, Packaging and Inspection of Frozen Shrimp: A Practical Guide. Springer Nature. Springer Singapore. ISBN 978-981-19-1565-9, ISBN 978-981-19-1566-6 (eBook). doi.org/10.1007/978-981-19-1566-6.

2. Articles in Scientific Journals

Islam, M. S., **Hannan, M. A.**, Hemal, S., Rifat, M. A. R., Sutrodhar, S., Ahmed, K. T., Ghosh, A., Ferdous, A., Mustafa, A., Hoque, M. K., and Shahabuddin, A. M. (2025). Comparative Effects of Herbal Extracts on Growth Performance and Nutritional Quality of Freshwater Prawn (*Macrobrachium rosenbergii*) in Biofloc System. *Egyptian Journal of Aquatic Biology & Fisheries*, 29(4): 2017 – 2036.

Rahman, M. M., Sarkar, M. K., Paul, S. I., Tanjum, U. H., Sunny, B. K., Hasnat, S., and **Hannan, M. A.** (2025). Draft-genome sequence of *Bacillus subtilis* SS17, a promising shrimp probiotic candidate. *Microbiology Resource Announcements*, e00031-25.

Hasana, M. J., Munir, M. B., Supian, A. S. A., Asdari, R., Akhter, S. T., Islam, M. S., Lima, R. A., **Hannan, M. A.** (2024). Exploring water quality as a determinant of the existence of soft-shell crab (*Scylla olivacea*) in different habitats of the large marine ecosystem in the Bay of Bengal. *Water Conservation & Management (WCM)*, 8(4) (2024) 495-500.

Shahabuddin, AM, **Hannan, MA.**, Hossain, MF, Hemal, S., Khanom, M., Afroz, T. and Mustafa, A. (2024). Evaluation of Ethanolic Extract of Red Seaweed (*Gracilariopsis lemaneiformis*) on Growth and Haematological Parameters of Nile Tilapia (*Oreochromis niloticus*). *Aquaculture, Fish and Fisheries*, 4(6): e70011.

Hannan, M.A., Munir, M.B., Asdari, R., Islam, M.S., Lima, R.A., Islam, H.R., Rashid, M.H. & Hing, H.W.Y. (2024). Dietary lacto-sacc stimulates the immune response of gravid mud crab (*Scylla olivacea*). *Comparative Immunology Reports*, 7, 200156.

Hannan, M.A., Pandit, C., Hasan, M.J., Mahdi, G.M.A., Asdari, R., & Munir, M.B. (2024). Quantification of heavy metals in wild gravid female mud crab (*Scylla olivacea*) collected from different rivers of Sundarbans mangrove region. *Desalination and Water Treatment*, 319, 100521.

Hannan, M. A., Munir, M. B., Jamy, M., Habib, K. A., Hasan, M. J., Asdari, R., & Eissa, M. E. (2024). Natural breeding performance in different saline water pens, crablets rearing and cannibalism in juvenile phase of mangrove mud crab (*Scylla olivacea*) in earthen mangrove pens. *Desalination and Water Treatment*, 319, 100500.

Habib, K.A., Akter, S., Islam, M.J., Sarkar, S., Brishti, P.S., Billah, M.B., and **Hannan, M. A.** (2023). Genetic Diversity, Population Structure and Demographic History of Orange Mud Crab *Scylla Olivacea* from the Bay of Bengal, Bangladesh and Adjacent Seas in the Northern Indian Ocean Based on Mitochondrial COI Gene Sequences. *Journal of Science and Technology Research*, 4(1), 101–118.

Alias, S.L.F.W., Munir, M.B., Asdari, M.R., **Hannan, M.A.** and Hasan, M.J. 2022. Dietary lacto-sacc improved growth performance, food acceptability, body indices, and basic hematological parameters in empurau (*Tor tambroides*) fries reared in the aquaponics system. *Journal of Applied Aquaculture*. DOI: 10.1080/10454438.2022.2095239.

Husna, A., Faisal, M.A., Al-Imran, Das, T.K., Biswas, A., Reza, M.S., Muniya, S., Alauddin, S.M., **Hannan, M.A.**, Bristy, A.N., Kubra, K., and Hemal, S. 2022. Likert Scale Based Investigation on Socio-Economic Status of Fisher’s Community in Rabnabad River, Southern Bangladesh. *Middle-East Journal of Scientific Research* 30 (1): 27-35. DOI: 10.5829/idosi.mejsr.2022.27.35.

Bhuiya, S.I., Munir, M.B., **Hannan, M.A.**, Kabeer, F., Hossain, M.J., and Alam, A.N., 2021. Factors Affecting Fishers’ Attitude and Willingness to use Cage Aquaculture as an Alternative Livelihood for Reducing Fishing Pressure in Haor Areas, Bangladesh. *Borneo Journal of Resource Science and Technology*. 11(2): 38-50.

- Hossen, K.S., Sharker, M.R., Hossain, M.F., **Hannan, M.A.**, Zannat, L.K., Ali, M.M., Roy, P. and Faisal, M.A., 2020. Impact of Island on Fish Diversity and Fisherman Community in Palordi River, Bangladesh. *Middle-East Journal of Scientific Research*. 28 (4): 286-295.
- Hannan, M.A.**, Rahman, M.M., Mondal, M.N., Deb, S.C., Chowdhury, G. and Islam, M.T., 2019. Molecular Identification of *Vibrio alginolyticus* Causing Vibriosis in Shrimp and Its Herbal Remedy. *Polish Journal of Microbiology*. 68 (4): 429-438.

3. Seminar Attended

- Hannan, M. A.**, M. B. Munir, R. Asdari, M. S. Islam, R. A. Lima, M. J. Hasan, H. M. R. Islam, M. H. Rashid, H. W. Y. Hing, 2024. Stimulation of immune response (Hemocytes, SOD, proPO) of female brood Mud Crab (*Scylla olivacea*) fed with dietary Lacto-sacc. Proceedings of the Insight International Research Conference, 21st January, 2024 - IIRC2024, Insight Institute of Management and Technology, Sri Lanka, 21st January. ISSN 3021-6672. Pp-18.
- Hannan, M. A.**, M. S. Islam, R. A. Lima, M. J. Hasan, H. M. R. Islam, H., Rashid, M. B. Munir, R. Asdari, W. Y. Hing, 2024. Morphological, Histological and digestive enzyme activity of the female barriers mud crab (*Scylla olivacea*) hepatopancreas exposed to dietary lacto-sacc supplementation. Fisheries Society of Bangladesh, 2024. The conference book. 3rd biennial international conference 2023, Fisheries Society of Bangladesh, Mymensingh, Bangladesh, 17-18 February, Pp-126.
- Hasan, M. J., S. T. Akhter, M. B. Munir, **M. A. Hannan**, S. M. R. Karim, R. Asdari, 2024. Effects of different doses of lacto-sacc in controlling semicarbazide of mud crab (*Scylla olivacea*) pond aquaculture. Fisheries Society of Bangladesh, 2024. The conference book. 3rd biennial international conference 2023, Fisheries Society of Bangladesh, Mymensingh, Bangladesh, 17-18 February, Pp-62.
- Hasan, M. J., S. T. Akhter, M. B. Munir, M. A. Hannan, S. M. R. Karim, R. Asdari. 2024. Semicarbazide Occurrence in the Meat and Shell of Bangladeshi Soft-Shell Crab (*Scylla olivacea*). Insight International Research Conference 2024 (IIRC2024), Insight Institute of Management and Technology, Sri Lanka, ISSN 3021-6672. pp-23.
- Shahabuddin, M. A., S. Hemal, A. Ghosh, A. Ferdous, **M. A. Hannan**, 2019. Biofloc technology: A microbial based low-cost aquaculture system. Abstract publication. Fisheries society of Bangladesh , Biennial conference, 27-28th December, Page 53.
- Hannan, M. A.**, M. M. Rahman, M. N. Mondal, G. Chowdhury, M. S. Alam, M. Rahman and S. C. Dev. 2015. Molecular Identification, antibiotic and herbal sensitivity of the pathogen associated with Vibriosis in *Penaeus monodon*. Abstract publication. 23rd Bangladesh Science Conference. The Bangladesh Association for the Advancement of Science (BASS). P-67/Section-IX. Pp. 172.
- Chowdhury G., M. M. Rahman, M. N. Mondal, M. S. Alam, **M. A Hannan**, M. Rahman and S. C. Dev. 2015. Studies on the Pathogens Associated with Black Spot Disease of Prawn and Shrimp in Bangladesh. Abstract publication. 23rd Bangladesh Science Conference. The Bangladesh Association for the Advancement of Science (BASS). P-67/Section-IX. Pp. 173.
- Chowdhury, G., **M. A. Hannan**, M. A., M. M. Rahman, T. Akhter. 2020. Identification of the pathogens *Proteus mirabilis* associated with black spot disease in shrimp and its control through medicinal plant extract. Webinar on Agri, Food & Aqua (online event). Inovine scientific meeting. October 26, Page 18.

4. Technical Report/Leaflet

- Shahabuddin, A. M., Hemal, S., **Hannan, M. A.**, Kamal, A. H. M., Mustafa, A., Mistry, S. K. (2025). Boosting blue economy with integrated mangrove shrimp farming A protocol on the ecosystem based sustainable shrimp farming technology, Department of Aquaculture, Sher -e- Bangla Agricultural University, Dhaka-1207, Bangladesh, pp 1-12.