

Curriculum Vitae

Mahmudul Hasan



Current Position:

Assistant Professor &
Director (Research Cell)

Contact Address:

Department of Fisheries
Bangamata Sheikh Fazilatunnesa Mujib Science & Technology University
Melandah, Jamalpur-2012, Bangladesh

E-mail: mhasan.fish@gmail.com/mhasan@bsfmstu.ac.bd

Mobile: +88-01714892205

Website: <http://www.mhasanbd.com>

Nationality: Bangladeshi

Birth Date: 31 December, 1981

Educational Qualifications:

<u>Institution</u>	<u>Major</u>	<u>Degree, year</u>	<u>Division</u>
Hiroshima University, Japan	Molecular Biology	Postdoc, 2015	
Hiroshima University, Japan	Evolutionary Biology	Ph.D., 2012	Passed
Bangladesh Agricultural University, Bangladesh	Fisheries Biology and Genetics	M.S., 2007	First Class (3 rd position)
Bangladesh Agricultural University, Bangladesh	Fisheries Science	B.Sc., 2006	First Class (6 th position)
Dhaka College, Bangladesh	Science	H.S.C., 1999	First Division
Hatirdia S.A. Model High School, Narsingdi, Bangladesh	Science	S.S.C., 1997	First Division*

Teaching/Research Experiences

Position/Category	Place	From	To	Duration
Research Fellow	Department of Fisheries Biology & Genetics, Bangladesh Agricultural University, Mymensingh	January 01, 2007	December 31, 2007	01 Year
Researcher	Amphibian Research Center, Hiroshima University, Japan	April 01, 2012	April 30, 2014	2 years 01 Months
Special Postdoctoral Researcher	Global Career Design Center, Hiroshima University	May 01, 2014	March 31, 2015	11 Months
Assistant Professor	Amphibian Research Center, Hiroshima University, Japan	April 01, 2015	March 31, 2016	01 Year
Foreign Visiting Researcher	Amphibian Research Center, Hiroshima University, Japan	April 01, 2016	August 07, 2016	04 Months 07 Days
Assistant Professor	Department of Fisheries Biology & Genetics, Sheikh Fazilatunnesa Mujib Fisheries College, Jamalpur, Bangladesh	August 08, 2016	January 31, 2018	1 year 05 Months 24 Days
Associate Professor	Department of Fisheries Biology & Genetics, Sheikh Fazilatunnesa Mujib Fisheries College, Jamalpur, Bangladesh	February 01, 2018	August 15, 2020	02 years 06 Months 15 Days
Assistant Professor	Department of Fisheries, Bangamata Sheikh Fazilatunnesa Mujib Science & Technology University, Jamalpur, Bangladesh	August 16, 2020	To Date (December 11, 2024)	4 Year 03 Months 27 Days
Total				12 Years 08 Months 11 days

Administrative responsibilities:

1. **Director** (In Charge), Research Cell, Bangamata Sheikh Fojilatunnesa Mujib Science and Technology University, Jamalpur-2012 (25.01.2023- To Date)
2. **In Charge**, Evolution and Diversity Research Laboratory, Bangamata Sheikh Fojilatunnesa Mujib Science and Technology University, Jamalpur-2012 (xx.xx.2018- To Date)

Successfully Completed Projects:

1. “Cryptic biodiversity of freshwater species in Bangladesh”, serving as **Principal Investigator**. Funded by Ministry of Science and Technology, Bangladesh. [FY 2018-2019 (no. BS-75, amount: 200,000 BDT), 2019-2020 (no. BS-301, amount: 200,000 BDT), 2020-2021 (no. BS-313, amount: 250,000 BDT)]
2. “Genetic diversity of fishes in the Brahmaputra River revealed by mitochondrial DNA analyses”, serving as **Principal Investigator**. Funded by Research Cell, Bangamata Sheikh Fojilatunnesa Mujib Science and Technology University, Jamalpur-2012, Bangladesh. [FY 2020-2021, amount: 100,000 BDT]
3. “Morphology, ecology and mtDNA analyses of loach fishes in Bangladesh”, serving as **Principal Investigator**. Funded by University Grant Commission (UGC), Bangladesh. [FY 2020-2021, amount: 300,000 BDT]
4. “Whole Genome Sequence (WGS) of Rohu fish (*Labeo rohita*)”, serving as **Principal Investigator**. Funded by Jagaroni Chakra Foundation (JCF), Jashore-7400, Bangladesh. [FY 2022-2023, amount: 800,000 BDT]

Ongoing Projects:

1. “Integrative taxonomy approach to reveal the hidden biodiversity of fishes from the Transboundary Rivers of north-eastern area in Bangladesh”, serving as **Principal Investigator**. Funded by Research Cell, Bangamata Sheikh Fojilatunnesa Mujib Science and Technology University, Jamalpur-2012, Bangladesh. [FY 2023-2024, amount: 200,000 BDT]
2. “Assessing and cataloging diversity of amphibians and marine reptiles in Bangladesh using integrative taxonomy approach through DNA barcoding and morpho-meristic study”, serving as **Principal Investigator**. Funded by Sustainable Forests & Livelihoods (SUFAL), Ban Bhaban Agargaon, Dhaka, Ministry of Environment, Forest and Climate Change, Bangladesh. [FY 2023-2024, amount: 38,05,478 BDT]

Ph.D. Thesis: Cryptic anuran biodiversity in Bangladesh with description of a new species of genus *Hoplobatrachus* (Anura, Dicroglossidae)

M.S. Thesis: Study on growth performance and some aspects of biology of Thai koi *Anabas testudineus* (Bloch, 1792)

Awards and Scholarships:

1994: Bipul Shriti Scholarship in class 7

1995: Merit Scholarship in Class 8

1996: Scholarship of Bangladesh Udichi Shilpi Ghosti Parishad [History of Bangladesh Independence]

1997-1999: Merit Scholarship for excellent result in S.S.C. (class 10)

2006-2007: N.S.T. (National Science & Technology) fellowship from Ministry of Science and Technology, Bangladesh

2008: Monbukagakusho Scholarship by Japan Government for pursuing a Ph.D. degree

2014: Fellowship of Special Postdoctoral Researcher, Hiroshima University, Japan

Memberships in Professional Associations:

Life member of *Zoological Society of Bangladesh*

Life member of *Bangladesh Association for Biotechnology*

Member of *International Union for Conservation of Nature (IUCN)*-Bangladesh part

Member of *Herpetological Society of Japan*

Member of *Genetic Society of Japan*

Service as a Reviewer: Scientific Papers

Zootaxa

PLOS ONE

Ecology & Evolution

Research Publications:

- 1) M. Hasan, S. Jannat and M.A. Rahman. 2024g. Wildlife diversity of Sherpur Reserve Forest, Bangladesh. *Journal of Biodiversity and Bioresource Management*. xx(x):xxx-xxx

- 2) A. Yasmin, F. Khatun, S. A. Rahman, Z. H. Anik and M. Hasan. 2024f. Infectious and Non-Infectious diseases of farm animals in Natore District of Bangladesh. *Research in Agriculture, Livestock and Fisheries*. Accepted.

- 3) M Hasan, C. F. Lin, H-C. Sung, J. Yoon and M. Sumida. 2024 2024c. Morphology and advertisement call of *Microhyla fissipes* and *M. heymonsi* from Taiwan. *Taprobanica*. xx(x): xxx-xxx.

- 4) A. V. Trofimets, C. Dufresnes, P. Pawangkhanant, A. M. Bragin, V. A. Gorin, **M. Hasan**, H. T. Lalremsanga, M. A. Muin, D. X. Le, T. V. Nguyen, C. Suwannapoom and N. A. Poyarkov. 2024e. Four in one: an integrative taxonomic revision of the *Microhyla berdmorei* complex (Amphibia: Anura: Microhylidae) illustrates the tremendous amphibian diversity of Southeast Asia. *Vertbrate Zoology*, 74: 595–641.
- 5) M. S. Alam, M. A. Shahariar, M. Z. Hossain, J. F. Urmi, M. M. Hasan, M. M. I. Masum, A. K. M. A. Shah, **M. Hasan** and Z. Rahman. 2024d. Biosynthesis of Gold Nanoparticles and Its Impacts on Striped Dwarf Catfish (*Mystus Vittatus*) As Feed Additives. *Aquaculture Reports*. 39:102446.
- 6) **M. Hasan**, Z. H. Anik and I. I. Tusar. 2024 b. The biodiversity of fish in transboundary rivers from north-eastern Bangladesh. *Bangladesh Journal of Fisheries*. 35(2): 155–169.
- 7) R. F. Rakhi, M. A. Sultana, M. G. K. Khan, Z. Rahman, **M. Hasan**, S. M. Rafiquzzaman and M. S. Alam. 2024. Morpho-meristic Analysis of Great Snakehead (*Channa marulius*) Collected from the Lowland Ecosystem in Bangladesh and its Future Implications. *Iranian Journal of Fisheries Science*. 23(2): 207–221.
- 8) **M. Hasan**, Z. H. Anik and A. Kurabayashi (2023a). Assessment of fish biodiversity in the Padma river from Farakka Barrage point to the Shampur Nagar Ghat, Rajshahi, Bangladesh. *Bangladesh Journal of Fisheries*, 35 (1): 13–23.
- 9) P. Thongproha, J. Chunskula, Y. Sringurungamb, L. Wairpromb, S. Makchaid, M. Cotad, P. Duengkaee, S. Duangjaie, **M. Hasan**, C. Chuaynkerna, Y. Chuaynkerna. 2022d. A new species of the genus *Hoplobatrachus* Peters, 1863 (Anura Dicroglossidae) from northwestern Thailand. *Agriculture and Natural Resources*. 56: 1135–1152.
- 10) **M. Hasan**, N. Kurniawan, A. Soewondo, W. M. M. Nalley, M. Matsui, T. Igawa and M. Sumida. 2022c. Postmating isolation and evolutionary relationships among *Fejervarya* species from Lesser Sunda, Indonesia and other Asian countries revealed by crossing experiments and mtDNA Cytb sequence analyses. *Ecology and Evolution*, 12e9436.
- 11) **M. Hasan** and M. S. Islam. 2022b. Collection, preservation and identification of freshwater fish species in middle to north-east Bangladesh with special notes on phenotypic plasticity of few species. *World Journal of Biology and Biotechnology*, 7 (2): 7–13.
- 12) **M. Hasan**, Z. H. Anik and A. Kurabayashi. 2022a. Wildlife biodiversity of the Padma River Island, Rajshahi with special notes on operation of sand Snake (*Psammophis Condanarus*) (Merrem, 1820) (Reptilia: Squamata: Lamprophiidae). *Journal of Wildlife and Biodiversity*, 6(Supple. 1): 78–91.
- 13) **M. Hasan** and S. M. I. Tripti. 2021. Biodiversity, threats and recommendation for conservation of fishes in the Old Brahmaputra River. *Bangladesh Journal of Fisheries*, 33 (2): 347–354.
- 14) V. A. Gorin, E. N. Solovyeva, **M. Hasan**, H. Okamiya, D. M. S. S. Karunarathna, P. Pawangkhanant, A. de Silva, W. Juthong, K. D. Milto, L. T. Nguyen, C. Suwannapoom, A. Haas, D. P. Bickford, I. Das and N. A. Poyarkov. 2020. A little frog leaps a long way: compounded colonizations of the Indian Subcontinent discovered in the tiny Oriental frog genus *Microhyla* (Amphibia: Microhylidae). *PeerJ* 8: e9411.

- 15) **M. Hasan**, J-S. Lai, N.A. Poyarkov, A. Ohler, L. A. Oliver, R. Kakehasi, A. Kurabayashi and M. Sumida. 2019. Identification of *Hylarana tyleri* (Theobald, 1868): elements for the systematics of the genus *Hylarana* Tschudi, 1838 (Anura, Ranidae). *Alytes*, 37: 1–30.
- 16) E. Sanchez, S. D. Biju, M. M. Islam, **M. Hasan**, A. Ohler, M. Vences and A. Kurabayashi. 2018. Phylogeny and classification of Fejervaryan frogs (Anura: Dicroglossidae). *Salamandra*, 54: 109–116.
- 17) **M. Hasan**, M. M. Islam, M. M. R. Khan, R. Wanichanon, A. Kurabayashi and M. Sumida. 2017. Reproductive isolating mechanisms in the Bangladesh Coastal Bullfrog *Hoplobatrachus litoralis* and its congeneric species revealed by crossing experiments and examination on spermatogenesis of the hybrids. *Asian Herpetological Research*, 8: 27–38.
- 18) N. Sultana, T. Igawa, **M. Hasan**, M. S. Alam, M. M. Islam, S. Komaki, K. Kawamura, M. M. R. Khan and M. Sumida. 2016. Inter- and intra-specific genetic divergence of Asian tiger frogs (genus *Hoplobatrachus*), with special reference to population structure of *H. tigerinus* in Bangladesh. *Genes & Genetic Systems*, 91: 217–227.
- 19) **M. Hasan**, M.A. R. Sarker, A. Kurabayashi, M. Kuramoto and M. Sumida. 2015. Genetic variation, advertisement call, and morphometry of *Microhylanilphamariensis* from Bangladesh. *Philippine Journal of Systematic Biology*, 9: 63–80.
- 20) **M. Hasan**, M. M. Islam, M. Kuramoto, A. Kurabayashi and M. Sumida. 2014a. Description of two new species of *Microhyla* (Anura: Microhylidae) from Bangladesh. *Zootaxa*, 3755: 401–418.
- 21) **M. Hasan**, M. M. Islam, M.M.R. Khan, T. Igawa, M.S. Alam, H.T. Djong, N. Kurniawan, H. Joshy, Y.H. Sen, D. M. Belabut, A. Kurabayashi, M. Kuramoto and M. Sumida. 2014b. Genetic divergences of South and Southeast Asian frogs: a case study of several taxa based on 16S ribosomal RNA gene data with notes on the generic name *Fejervarya*. *Turkish Journal of Zoology*, 38: 389 – 411.
- 22) N. Sultana, T. Igawa, M. Nozawa, M. M. Islam, **M. Hasan**, M. S. Alam, M.M.R. Khan and M. Sumida. 2014c. Development and characterization of 27 new microsatellite markers of Indian Bullfrog, *Hoplobatrachus tigerinus* and its congeneric species. *Genes & Genetic Systems*, 89:137–141.
- 23) N. Kurniawan, T. H. Djong, T. Maideliza, A. Hamidy, **M. Hasan**, T. Igawa and M. Sumida. 2014d. Genetic divergences and geographic distribution of frogs in genus *Fejervarya* from Indonesia inferred from mitochondrial 16S rRNA gene analysis. *Treubia*, 41:1–16.
- 24) **M. Hasan**, M. M. Islam, M.M.R. Khan, M. S. Alam, A. Kurabayashi, T. Igawa, M. Kuramoto and M. Sumida. 2012a. Cryptic anuran biodiversity in Bangladesh revealed by mitochondrial 16S rRNA gene sequences. *Zoological Science*, 29: 162–172.
- 25) **M. Hasan**, M. Kuramoto, M. M. Islam, M. S. Alam, M. M. R. Khan and M. Sumida. 2012b. A new species of genus *Hoplobatrachus* (Anura, Dicroglossidae) from the coastal belt of Bangladesh. *Zootaxa*, 3312: 45–58.
- 26) M. S. Alam, M. M. Islam, M. M. R. Khan, **M. Hasan**, R. Wanichanon and M. Sumida. 2012c. Postmating isolation in six species of three genera (*Hoplobatrachus*,

- Euphlyctis* and *Fejervarya*) from family Dicroglossidae (Anura), with special reference to spontaneous production of allotriploids. *Zoological Science*, 29: 743 – 752.
- 27) M. M. Islam, N. Kurose, M. M. R. Khan, T. Nishizawa, M. Kuramoto, M. S. Alam, **M. Hasan**, N. Kurniawan, M. Nishioka and M. Sumida. 2008a. Genetic divergence and reproductive isolation in the genus *Fejervarya* (Amphibia: Anura) from Bangladesh inferred from morphological observations, crossing experiments, and molecular analyses. *Zoological Science*, 25: 1084 – 1105.
- 28) **M. Hasan**, M. M. R. Khan and M. Sumida. 2011. Geographic Distribution. *Hylarana leptoglossa* (Long-tongued Frog). *Herpetological Review*, 42: 562.
- 29) **M. Hasan** and M. Sumida. 2012d. Geographic Distribution. *Kaloula taprobanica* (Sri Lankan Bull Frog). *Herpetological Review*, 43: 97.
- 30) **M. Hasan**, A. K. Shakur Ahammad and M. M. R. Khan 2010. A Preliminary investigation into the production of Thai Koi (*Anabas testudineus*) reared in nylon hapas in Bangladesh. *Bangladesh Research Publication Journal*, 4: 15 – 23.
- 31) **M. Hasan**, M. M. R. Khan and M. Sumida 2008b. Morphological and genetic variation in three populations of *Hoplobatrachus tigerinus* from Bangladesh. *Progressive Agriculture*, 19: 139 – 149.
- 32) **M. Hasan**, M. M. R. Khan, I. Parvez and M. I. Hossain. 2008c. Home-made feed generates higher income in Thai koi, *Anabas testudineus* (Bloch, 1792) farming in Bangladesh. *International Journal of BioResearch*, 4: 5 – 10.
- 33) A. K. S. Ahammad, M. M. R. Khan, M. E. Islam, A. Hossain and **M. Hasan**. 2008d. Growth response of Thai Sarpunti (*Barbodes gonionotus*) fry to three selected feeds under laboratory condition. *International Journal of BioResearch*, 4: 75 – 80.
- 34) **M. Hasan**, M. M. R. Khan and M. A. Rahman. 2007a. Some biological aspects of Thai koi, *Anabas testudineus* (Bloch, 1792). *Journal of the Bangladesh Agricultural University*, 5: 385 – 392.
- 35) **M. Hasan**, M. M. R. Khan and M. A. B. Siddik. 2007b. Taxonomic analysis of rohu *Labeo rohita* and mrigal *Cirrhinus cirrhosus* populations in Bangladesh. *Journal of Bangladesh Society for Agricultural Science and Technology*, 4: 29 – 32.
- 36) M. I. Hossain, M. M. R. Khan, M. A. B. Siddik and **M. Hasan**. 2007c. Effects of feed on survival and growth of local Sarpunti (*Puntius sarana*, HAMILTON) fry in glass aquaria. *Journal of the Bangladesh Agricultural University*, 5: 371–376.
- 37) M. A. B. Siddik, M. M. R. Khan, **M. Hasan** and M. I. Hossain. 2007d. Effects of different feeds on growth of monosex GIFT tilapia (*Oreochromis niloticus* L.) in ponds. *Journal of Bangladesh Society for Agricultural Science and Technology*, 4: 49–52.

Attended Meetings and Presentations:

- 2024 World Congress of Herpetology. 10th World Congress of Herpetology, Universiti Malaysia Sarawak, Kuching, Malaysia.
Oral: 1. Uncover the Hitherto Overlooked Cryptic Diversity of Blind Snakes in Bangladesh and 2. DNA Barcoding of Sea Snakes in Bangladesh
- 2024 Zoological Society of Bangladesh. 23rd International Biennial Conference and AGM 2023, Department of Zoology, Dhaka University, Bangladesh.
Oral: Biodiversity in Sherpur Reserve Forest, Bangladesh
- 2024 First International Conference on Science and Technology for sustainable development (2024), Organized by Research Cell, Mawlana Bhashani Science and Tecnology University, Tangail-1902, Bangladesh
Oral: Whole Genome Sequence of *Labeo rohita* from the Jamuna River, Bangladesh
- 2024 Fisheries Society of Bangladesh. 3rd Biennial International Conference, Faculty of Fisheries, Bangladesh Agricultural University, Mymensingh-2201, Bangladesh
Oral: Integrative taxonomy approach to reveal the hidden biodiversity of fishes from the transboundary rivers of north-eastern Bangladesh
- 2023 First Asia - Middle East - Africa Conference on Academic and Research Integrity (ACARI 2023), Middlesex University Dubai Campus
Oral (virtual): Ethical Consideration for wildlife research in Bangladesh
- 2022 Invited presentation at Department of Animal Bioscience, Nagahama Institute of Bio-Science and Technology, Shiga Prefecture, Japan
Oral: Herpetology and ichthyology research in Bangladesh: Current trends and future prospects.
- 2015 International Union for Conservation of Nature (IUCN)-Bangladesh part, IUCN-Country Office, House 16, Road 2/3 Banani, Dhaka 1213, Bangladesh
Oral: Cryptic anuran biodiversity in Bangladesh with description of three new species
- 2014 The 53rd Annual Meeting of Herpetological Society of Japan, Kobe Yamate University, Kobe, Japan
Oral: Morphological and molecular comparisons of two-striped grass frogs (Anura: Ranidae) from Bangladesh and Taiwan
- 2014 50th Anniversary Meeting of the Australian Society of Herpetologists, Canberra, Australia
Oral: Description of two new species of *Microhyla* (Anura: Microhylidae) from Bangladesh
- 2013 85th Annual Meeting of the Genetic Society of Japan, Keio University, Yokohama, Kanagawa Prefecture
Oral: Description of two new species of *Microhyla* (Anura: Microhylidae) from Bangladesh
- 2013 The 52nd Annual Meeting of Herpetological Society of Japan. Tokai University, Sapporo Campus
Poster: Evolutionary relationships and postmating isolation among *Fejervarya* species from Lesser Sunda, Indonesia and other Asian countries revealed by mtDNA Cytb gene sequences and crossing experiments
- 2012 Ph.D thesis presentation in a special seminar of the Department of Fisheries Biology and

- Genetics. Bangladesh Agricultural University, Bangladesh
Oral: Cryptic anuran biodiversity in Bangladesh with description of a new species of genus *Hoplobatrachus* (Anura, Dicroglossidae)
- 2012 World Congress of Herpetology-7. University of British Columbia, Vancouver, Canada
Oral: A new species of genus *Hoplobatrachus* (Anura, Dicroglossidae) from the coastal belt of Bangladesh
- 2012 18th Biennial International Conference and Annual General Meeting, Zoological Society of Bangladesh. Dhaka University, Dhaka, Bangladesh
Oral: A new species of genus *Hoplobatrachus* (Anura, Dicroglossidae) from the coastal belt of Bangladesh
- 2012 The 51st Annual Meeting of the Herpetological society of Japan, Aichi Gakusen University, Aichi, Japan
Oral: A new species of genus *Hoplobatrachus* (Anura, Dicroglossidae) from the coastal belt of Bangladesh
- 2011 Joint Meeting of 7th International Congress of Systematic and Evolutionary Biology, 12th Annual Meeting of the Society of Biological Systematics and 20th International Symposium “Biodiversity and Evolutionary Biology” of the German Botanical Society, Biosystematics Berlin 2011. Frieie University, Berlin, Germany
Oral: Genetic divergences and phylogenetic relationships among the frogs from South to East Asia revealed by nucleotide sequences of mitochondrial 16S rRNA gene.
- 2011 82th annual meeting of Genetic Society of Japan. Hokkaido University, Hokkaido, Japan
Oral: Species diversity and phylogenetic relationships among frogs from Bangladesh revealed by nucleotide sequences of mitochondrial 16S rRNA gene
- 2010 62nd Annual Meeting of the Chugoku-Shikoku Branch of the Zoological Society of Japan, Yamaguchi University, Yamaguchi, Japan
Oral: Genetic divergences and phylogenetic relationships in the frogs from South to East Asia
- 2009 The 48th Annual Meeting of the Herpetological Society of Japan, Tenri University, Nara, Japan
Oral: Species diversity and phylogenetics relationships of Bangladesh and other Asian countries
- 2009 61st Annual Meeting of the Chugoku-Shikoku Branch of the Zoological Society of Japan, Kochi University, Kochi, Japan
Oral: Species diversity and phylogenetic relationships of Bangladeshi frogs revealed by nucleotide sequences of mitochondrial 16S rRNA gene
- 2008 International Biotechnology Conference, Bangladesh Agricultural Research Council (BRAC), Dhaka
Oral: Morphological and genetic variation in three frog populations (*Hoplobatrachus tigerinus*) from Bangladesh

Attended Workshops and Training:

May, 2023 Training on “Citizen Charter for HEIs”, organized by IQAC, Bangamata Sheikh

May, 2023	Fojilatunnesa Mujib Science and Technology University, Jamalpur-2012 Training on “Annual Procurement Plan”, organized by IQAC, Bangamata Sheikh Fojilatunnesa Mujib Science and Technology University, Jamalpur-2012.
May, 2023	Seminar on “4 th Industrial Revolution; Applications, Challenge and Prospects”, organized by Department of Management, Bangamata Sheikh Fojilatunnesa Mujib Science and Technology University, Jamalpur-2012 .
March, 2023	Training on “Office Management”, organized by IQAC, Bangamata Sheikh Fojilatunnesa Mujib Science and Technology University, Jamalpur-2012
January, 2023	Training on “Accreditation Process for HEIs”, organized by IQAC, Bangamata Sheikh Fojilatunnesa Mujib Science and Technology University, Jamalpur-2012
January, 2023	Training on “Outcome Based Education: Curriculum Development”, organized by IQAC, Bangamata Sheikh Fojilatunnesa Mujib Science and Technology University, Jamalpur-2012
October, 2022	Training on “Outcome Based Curriculum Formation”, organized by IQAC, Bangamata Sheikh Fojilatunnesa Mujib Science and Technology University, Jamalpur-2012
June, 2022	Seminar on “4 th Industrial Revolution(4IR) in Research and Education”, organized by Department of Computer Science and Engineering, Bangamata Sheikh Fojilatunnesa Mujib Science and Technology University, Jamalpur-2012
June, 2022	Training on “BNQF, OBE Curriculum and Accreditation Standards” organized by IQAC, Bangamata Sheikh Fojilatunnesa Mujib Science and Technology University, Jamalpur-2012

Abstracts Published:

- 1) **M. Hasan** and C. Kambayashi. 2024e. Uncover the Hitherto Overlooked Cryptic Diversity of Blind Snakes in Bangladesh. *Proceedings of the Zoological Society of Bangladesh. 23rd International Biennial Conference and AGM 2023, Bangladesh-Abstract p. 99*
- 2) **M. Hasan** and MKA Habib. 2024d. DNA Barcoding of Sea Snakes in Bangladesh.
- 3) **M. Hasan**, S. Jannat and M. A. Rahman. 2024c. Biodiversity in Sherpur Reserve Forest, Bangladesh. *Proceedings of the Zoological Society of Bangladesh. 23rd International Biennial Conference and AGM 2023, Bangladesh-Abstract p. 99.*
- 4) **M. Hasan**. 2024b. Whole Genome Sequence of *Labeo rohita* from the Jamuna River, Bangladesh. *Proceedings of the First International Conference on Science and Technology for sustainable development (2024), MBSTU. Abstract p. xx.*
- 5) **M. Hasan**, Z. H. Anik and I.I. Tusar. 2024a. Integrative taxonomy approach to reveal the hidden biodiversity of fishes from the transboundary rivers of north-eastern Bangladesh. *Proceedings of the Fisheries Society of Bangladesh. 3rd Biennial International Conference, Faculty of*

Fisheries, Bangladesh Agricultural University, Mymensingh-2201, Bangladesh. Abstract p. xx.

- 6) **M. Hasan**, Z. R. Khan and M. K. A. Khan. 2023. Ethical Consideration for wildlife research in Bangladesh. ACARI 2023 Conference Proceedings-Abstract p. 34-35.
- 7) **M. Hasan**, J-S. Lai and M. Sumida. 2015. Morphological and molecular comparisons of two-striped grass frogs (Anura: Ranidae) from Bangladesh and Taiwan. *Bulletin of Herpetological Society of Japan*-Abstract p.49.
- 8) **M. Hasan** and M. Sumida. 2014a. Anuran Biodiversity in Bangladesh:What next? IUCN Bangladesh. *The Festschrift on the 50th Anniversary of the IUCN Redlist of Threatened speciesTM*, Dhaka, Bangladesh: IUCN, x+192pp
- 9) N. Zohora, M.M.R. Khan, **M. Hasan** and A.K.S. Ahammadb. 2008b. Morphological and allozyme variation of three different meni (*Nandus Nandus*) populations in Bangladesh. *Proceedings of the Bangladesh Association for Biotechnology and Genetic Engineering (BABGE), Dhaka, Bangladesh* -Abstracts p.45
- 10) S. Suraiya, M.M.R. Khan, MA Hossain and **M. Hasan**. 2008b. Study on morphological and allozyme variation of three river populations of bata (*Labeo bata*) in Bangladesh. *Proceedings of the Bangladesh Association for Biotechnology and Genetic Engineering (BABGE), Dhaka, Bangladesh* -Abstract p.47

Supervision (MS/PhD Students):

1. **Muhammad Rafiqul Bari**, PhD Student, **Title:** “Genetic Diversity and Ecology of fishes in the Old Brahmaputra River in Bangladesh”, serving as a Co-Supervisor. [June 2023 – To Date]

International Collaboration:

Title “Investigation of phylogenetic and geographic origins of Brahminy blind snake using nuclear genes and a horizontal gene transfer” — with Dr. Atsushi Kurabayashi, Associate Professor, Department of Animal Bioscience, Nagahama Institute of Bio-Science and Technology, 1266 Tamura-Cho, Nagahama, Shiga, 526-0829, Japan.

Field Experiences:

2019	Central part, Bangladesh	Expedition leader
2014	Taipei City, Taiwan	Expedition member
2012	Bangladesh	Expedition leader
2011	Bangladesh	Expedition leader

Research Achievements Reported in Print/Electronic Media:

July 19, 2020	“Campuslive24.com”	Bangladesh
June 26, 2014	“The Daily Chugoku Shimbun” reported the new species	Japan
May 22, 2014	“The Daily Pratam Alo” anuran biodiversity & new species	Bangladesh
April 06, 2014	“The Daily Alokito Bangladesh” cryptic anurans	Bangladesh
March 29, 2014	“The Daily Naya Diganto” biological diversity	Bangladesh

June 14, 2013	“The Daily Independent” conservation of frogs	Bangladesh
March, 2012	The “Innovation” magazine of Hiroshima University focused novel Ph.D. research findings	Japan

August 22, 2015: Interview in DESH TV

Language Proficiency:

Known Bengali, English [IELTS Score: 6.0 (2019)] and Japanese (competence level)

Visited Countries: Australia, Canada, China, Germany, Japan, Taiwan

Referee:

Dr. Masayuki Sumida
Emeritus Prof. & ex-Director
Institute for Amphibian Biology
Graduate School of Science, Hiroshima University.
1-3-1 Kagamiyama, Higashi-hiroshima, Hiroshima 739-8526
Email: msumida500@gmail.com

Dr. Mahmudul Hasan
Assistant Professor
Dept. of Fisheries
Bangamata Sheikh Fojilatunnesa Mujib Science
and Technology University, Jamalpur-2012

2) Dr. Md. Tofazzal Islam
Tel. +88-02-9205310-14 Extn. 2252
Fax: +88-02-9205333
Cell: +88-0171-4001414, +88-01534568893
E mail: tofazzalislam@gmail.com, tofazzalislam@yahoo.com