
Curriculum Vitae of Dr. Md. Ismail Hossain



PERSONAL DATA

Name **Dr. Md. Ismail Hossain**
Current position **Professor**
Work address Department of Fisheries Technology, Faculty of Fisheries
Bangladesh Agricultural University, Mymensingh, Bangladesh. Phone: 88-091-67401-6,
Ext 2971
Cell phone: +88 01712 530275; E-mail: ihossain.ft@bau.edu.bd

EDUCATION / ACADEMIC DEGREES

2001 Doctor of Philosophy, Ehime University, Japan
1995 M.S. in Fisheries Technology, Department of Fisheries Technology, Bangladesh Agricultural University, Mymensingh, Bangladesh
1989 B.Sc. Fisheries (Honors), Faculty of Fisheries, Bangladesh Agricultural University

APPOINTMENTS

2007 - to date Professor, Department of Fisheries Technology, Bangladesh Agricultural University, Mymensingh.
2002-2007 Associate Professor, Department of Fisheries Technology, Bangladesh Agricultural University, Mymensingh
1997-2002 Assistant Professor, Department of Fisheries Technology, Bangladesh Agricultural University, Mymensingh
1994-1997 Lecturer, Department of Fisheries Technology, Bangladesh Agricultural University, Mymensingh

SCIENTIFIC QUALIFICATIONS

1. Worked as a National Expert on Quality Assurance, HACCP & Traceability of shrimp and shrimp products in the BQSP project funded by EU implemented by United Nations Industrial Development Organization (UNIDO).
 2. Worked as a National Expert on Good Aquaculture Practice & Value Chain Improvement in the Better Fisheries Quality (BEST Project) funded by EU & NORAD.
 3. Worked as a Team leader on Post-harvest fish losses, critical loss points and actions and fishery wastes and offal management in the capture fishery value chain funded by FAO.
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MANAGERIAL SKILLS & OTHER TASKS

1. Head, Department of Fisheries Technology, Bangladesh Agricultural University, Mymensingh, From 05 March 2007 to 04 March 2007.
 2. Chairman, Fish and Fishery Products Sub-committee, Bangladesh Standard and Testing institute (BSTI) from January-2019 December 2021.
 3. Advisor, Nature Study Society of Bangladesh since 01 January 2001 to date.
 4. Member, Committee of selection of Lecturer and Assistant Professor, Department of Fisheries Technology, Faculty of Fisheries, Bangladesh Agricultural University, Mymensingh from March 13, 2005 to March 13, 2007.
 5. Vice-President, Binodon Sangha (Cultural Association), BAU, Mymensingh from 2003 to 2004.
 6. Reviewer of different National and International Journals related to Fisheries Sciences.
 7. Life Member, Bangladesh Assoc. for the Advancement of Science, 2015 to date
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MAJOR RESEARCH PROJECT FUNDING

1. Worked as a Investigator of a research project entitled "Analysis of Pond Water and Soil/Sediment of Shrimp Farms and Hatcheries for Nitrofurans, their Metabolites and Chloramphenicol" funded by BQSP-Fisheries, United Nations Industrial Development Organization, UNIDO.
2. Worked as a specialist of a survey work entitled "Base line water quality study along the shrimps value chain in Bangladesh" funded by BQSP-Fisheries, UNIDO.
3. Worked as a investigator of a research project entitled "Replacement of Fish Meal by Shrimp Waste in Prawn Supplementary Diets along with other Indigenous Feed Ingredients for Increased Farm Productivity and Better Export Performance." funded by The Ministry of Science and Information & Communication Technology, Bangladesh.
4. Worked as a investigator of a research project entitled "Eco-friendly Utilization of Shrimp Processing Plant Discards in the Growth Study of Fin Fishes" funded by The Ministry of Science and Information & Communication Technology, Bangladesh.
5. Worked as a Co-Investigator of DANIDA funded project 'Upgrading Pangas and Tilapia Value Chains in Bangladesh (BANGFISH)' <http://bangfish.org/researcher/>
6. Worked as a Principal Investigator of a research project entitled "Studies on the Quality Changes during Handling and Transportation of Live Pangas (*Pangasianodon hypophthalmus*)" funded by Bangladesh Agricultural University Research System.

7. Worked as a Principal Investigator of a research project entitled " Utilization of Pangas (*Pangasianodon hypophthalmus*) fish and fish industrial waste: Development of value added fish products and quality assessment of the products for human consumption)" funded by BAURES.

SELECTED RECENT PEER-REVIEWED ARTICLES (Total number of publications: 16)

1. M.N. Haider, S. Bhattacharjee, F.H. Shikha and **M. I. Hossain**. Follow-up of Bacterial Count and Water Quality Parameters during Live Transportation of Climbing Perch (*Anabas testudineus*) in Bangladesh. *Jouranal of Aquatic Food Product Technology*, 2021.Doi10.1080/10498850.2021.1896613.
2. **M.I. Hossain**, F.H. Shikha and M.M. Islam. Changes in sensory, biochemical and microbiological parameters of smoked shrimps (both traditional and improved) in different packages at refrigeration temperature (5 to 8°C). *Journal of Agriculture, Food and Environment (JAFE)*, **2020**, 1(4): 112-120.
3. **M.I. Hossain**, F.H. Shikha and M.M. Islam. Changes in sensory, biochemical and microbiological parameters of smoked shrimps (both traditional and improved) in different packages at refrigeration temperature (5 to 8°C). *Journal of Agriculture, Food and Environment (JAFE)*, **2020**, 1(4): 112-120.
4. F.H. Shikha, **M.I. Hossain**, and L. Farzana. Storage effect on the moisture content (%) and sensory quality parameters of silver carp (*Hypophthalmichthys molitrix*) fish noodles and consumer's preference to it. *Journal of Agriculture, Food and Environment (JAFE)*, **2020**, 1(4): 121-126.
5. **M.I. Hossain**, Fatema Hoque Shikha, Pami Adhikari and Prianka Jahan. Replacement of fish meal by pangas (*Pangasianodon hypophthalmus*) industry waste in the diet of Indian major carps in growth performance study. *International Journal of Advanced Scientific Research*, **2020**, 5(6): 83-91.
6. **M.I. Hossain**, Fatema Hoque Shikha, Quamruzzaman Howladar and Bijoy Kumar Das. Production procedure and marketing of ethnic fermented product Nga-pi in South-Eastern region of Bangladesh. *Bangladesh J. Fish*, **2020**, 32 (1): 115-124.
7. **M. I. Hossain**, Fatema Hoque Shikha., and Md. Mahabubul Alam. Utilization of pangas (*Pangasianodon hypophthalmus*) processing waste in preparation of tilapia (*Oreochromis niloticus*) fish feed. *Journal of Bangladesh Agricultural University*, **2020**, 18(2): 516-523.
8. **M.I. Hossain**, Fatema Hoque Shikha., and Mashrufa Tanzila. Effect of different washing conditions on the gel forming ability of tilapia (*Oreochromis niloticus*) mince. *Journal of Bangladesh Agricultural University*, **2019**, 31(2): 335-344.
9. M A Rahman, **M I Hossain**, F H Shikha. Changes in the nutritional composition of fish pickle prepared from Thai pangus (*Pangasianodon hypophthalmus*) during longer storage at low temperature. *J Food Sci Nutr Res* **2019**, 2(3): 299-308.
10. **M. I. Hossain**, F. H. Shikha and M. M. R. Simul. Studies on the quality of sauce prepared from SIS and comparison with the commercial one. *Bangladesh J. Fish. Res.*, **2019**, 18(1-2): 85-98
11. F.H. Shikha, **M. I. Hossain**, M. A. Mansur, and N. Nahar. Comparative study on proximate composition and heavy metal concentration of molacarpel (*Amblypharyngodon mola*) and spotted snakehead (*Channa punctatus*) collected from pond water and open water. *J. Environ. Sci. & Natural Resources*, **2019**, 12(1-2), 91-99.
12. **M. I. Hossain**, F.H. Shikha, and A.B.M.A. Hoque. Growth performance of indian major carps at pond system using shrimp industry waste in their diet. *J. Environ. Sci. & Natural Resources*, **2019**, 12(1-2), 101-108.
13. M S I Sarkar, M. Kamal, M M Hasan and **M I Hossain**. Quality aspects of some value added seaweed food and functional food products. *Fundamental and Applied Agriculture* **2019**, 4(2):798–805
14. F. H. Shikha, **M. I. Hossain** and A. D. Sharma. Effect of shrimp processing waste feed on the growth performance of prawn (*Macrobrachium rosenbergii*) in aquarium and pond Condition. *J. Environ. Sci. & Natural Resources*, **2018**, 11(1&2): 59-71.
15. **M. I. Hossain**, F. H. Shikha and A. D. Sharma. Waste management status of shrimp processing plants of south and south-west region of Bangladesh. *J. Environ. Sci. & Natural Resources*, **2018**, 11(1&2): 73-81.
16. MSI Sarkar, M. Kamal, M M Hasan, **M.I. Hossain** , F.H. Shikha and Md. G. Rasul. Manufacture of different value added seaweed products and their acceptance to consumers. *Asian J. Med. Biol. Res.* **2016**, 2 (4), 639-645.