

CURRICULUM VITAE

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Current position Professor, Department of Fisheries Technology, Bangladesh Agricultural University (BAU), Mymensingh-2202, Bangladesh

Major Fields Fish Processing, Post-harvest Technology, Quality Control of Fish and Fishery Products, HACCP, Fishery Products & By-products Technology, Fish Inspection & Legislation, Marine Food Chemistry

Personal details Date of Birth: 01 May 1968; Nationality : Bangladeshi ; Married

Education:

April 1998-March 2001 Ph. D in Food Science & Technology, Ehime University, Japan

April 1996- March 1998 M.S. in Aquaculture (Grade A+) Kochi University, Japan

1994-1995 M.S. in Fisheries Technology, BAU

1986 - 1989 B.Sc (Hons) in Fisheries Bangladesh Agricultural University, Mymensingh, Bangladesh

Job Experience

Position	From	To
Professor	June 14, 2007	to date
Associate Professor	December 09, 2002	June 13, 2007
Assistant Professor	September 06, 1997	December 08, 2002
Lecturer	May 16, 1994	September 05, 1997

Over 22 years' experience in Teaching & Research, and University Administrative.

Completed Research Projects

- Worked as a **Principle Investigator** of a research project entitled "**Development of fish burger from Pangas catfish with fish farmers**" funded by BAURES (Bangladesh Agricultural University Research System), BAU, Mymensingh.
- Worked as a **Principal Investigator** of a research project entitled "**Development of traditional smoked shrimp products with the participation of farmers in Sidr affected areas**" (Bangladesh Agricultural University Research System).
- Worked as a **Co-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**" The Ministry Of Science And Information And Technology Communication, Government of People's Republic of Bangladesh.

- d) Worked as a **Principal Investigator** of a research project entitled “**Development of Value added fish products from Thai Pangas (*Pangasius hypophthalmus*)**” funded by The Ministry of Science and Information & Communication Technology, Bangladesh.
- e) Worked as a **Principal Investigator** of a research project entitled “**Improvement of food qualities of traditional fishery products in Bangladesh**” funded by Bangladesh Fisheries Research Institute, Bangladesh.
- f) Worked as a **Co-Investigator** of a research project entitled “**Traceability of banned antibiotics (nitrofurans, chloramphenicol, oxytetracycline and their metabolites) in shrimp value chains**” funded by Bangladesh Fisheries Research Institute, Bangladesh.
- g) Worked as a **Co-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, UNIDO.
- h) Worked as a **National Expert** of a survey work entitled “**Base line water quality study along the shrimps value chain in Bangladesh**” funded by BQSP-Fisheries, UNIDO.
- i) Worked as a **Co-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.
- j) Worked as a **Co-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.
- k) Worked as a **Principal Investigator** of a research project entitled “**A Study on the Present Status of Waste Management in Shrimp Processing Plants followed by Extraction of Proteinous Materials from Shrimp Processing Discards for Golda Feed Formulation**” (funded by Bangladesh Agricultural University Research System).

Experiences & on-going activities

- Worked as a **National Expert on Quality Assurance, HACCP & Traceability of Fish & Fishery Products** in the BQSP (Better Quality & Standard Program) project funded by European Union implemented by United Nations Industrial Development Organization (**UNIDO**) from May 2008 to June 2010.
- **Nature of duties:** Implementation of HACCP (Hazard Analysis and Critical Control Point) system, Good Manufacturing Practices (GMPs), Good Hygiene Practices (GHPs), Sanitation Standard Operating Procedures (SSOPs); Organizing and managing training program. Besides this, assisting and coordinating all shrimp traceability related activities, quality assurance & food safety program, preparing training manuals, conducting and organizing training, workshop & seminar and contributing as a resource person.
- **Activities carried out as an expert:** i) Hand- on traceability Implementation training for farmers, Ice plant operators, depot owners and Fish & shrimp factory personnel. There were 12,000 stakeholders of shrimp supply chain received training on Quality Assurance & Traceability where I strongly involved in those activities as resource person. ii) HACCP program implemented in the Shrimp & Fish processing industry through huge intensive training. ii) Feed analysis program to identify sources of Nitrofurans metabolites, Chloroamphenicol and other drug & chemicals launched.
- Worked as a **National Expert on Good Aquaculture Practice & Value Chain Improvement** in the Better Fisheries Quality (BEST Project) funded by European Union & NORAD jointly implemented by United Nations Industrial Development Organization (**UNIDO**) and Department of Fisheries (DoF), Bangladesh from July 2010 to June 2014.

- **Activities carried out as an National Expert:** i) Prepared Good Aquaculture Practice (GAP) Training Manual (Published in 2012, BEST-BFQ, UNIDO) ii) Studied on the Control of Veterinary Medicinal Products (VMs) in the Shrimp Value Chain in Bangladesh. Assist to prepare a policy guideline for use of Veterinary Medicinal Products (VMs) in Aquaculture. iii) Prepared Galda & Bagda Hatchery Record Book iv) Prepared Fish Feed Compliance Guide on Fish Feed Act and Rules in Bangladesh. v) Prepared Hatchery Compliance Guide on Fish Hatchery Act and Rules in Bangladesh. vi) Organized training programs as resource person where 3000 shrimp/fish farmers received training on Good Aquaculture Practice.

Ongoing Research Projects

- a) Working as a **Principal Investigator** of a research project entitled “**Studies on the Quality Changes during Handing and Transportation of Live Pangas (*Pangasianodon hypophthalmus*)**” funded by Bangladesh Agricultural University Research System.
- b) Working as a **Principal Investigator** of a research project entitled “**Development of different products from indigenous species (SIS) of fish of Bangladesh for nutritional support round the year**” The Ministry of Science And Information And Technology Communication, Government of People’s Republic of Bangladesh.

(Dr. Md. Ismail Hossain)

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