

CURRICULUM VITAE of

Md. Sazedul Hoque, PhD



Present Contact

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CAREER OBJECTIVES

I would like to devote all my knowledge, skill and experiences to my studies, duties and responsibilities in such a prosperous way where regularity, sincerely and honesty would be enlightened with providing the best performance by my energy, knowledge and experiences.

EDUCATIONAL QUALIFICATION

Name of Degree	Name of Institution/ Board	Year of Passing	Group/Subject	Division/ CGPA
Ph.D in Food Science and Technology	Prince of Songkla University, Thailand	June, 2011	Food Technology	Excellent
M.Sc in Fisheries Technology	Bangladesh Agricultural University	June, 2007	Fisheries Technology	CGPA 3.92 (Out of 4.00)
B.Sc Fisheries (Hons.)	Bangladesh Agricultural University	2004 (Exam held on 2005)	Fisheries	1 st Class
H.S.C	Dhaka	2000	Science	2 nd Class
S.S.C	Dhaka	1998	Science	1 st Class

SCHOLARSHIP RECEIVED:

- **NFP Fellowship for Governance and Food Safety in International Food Chain-2016**, Center for Development Innovation, Wageningen University Research, Netherlands.
- **VLIR-UOS Scholarship for ITP-Food Safety-2013**, University Ghent, Ghent, Belgium.
- **Graduate Scholarship (PhD)-2008**, Prince of Songkla University, Hat Yai, Thailand

MEDIUM OF INSTRUCTION:

- The medium of instruction in B.Sc Fisheries (Hons.), M.Sc in Fisheries Technology and Ph.D in Food Science and Technology was in **English**.

RESEARCH PUBLICATIONS

Publications in International Journal (14)

1. **Hoque , M. S.**, Benjakul, S. and Prodpran, T. (2011). Effects of hydrogen peroxide and Fenton's reagent on the properties of film from cuttlefish (*Sepia pharaonis*) skin gelatin. *Food Chemistry*, 128, 878-888. (**Impact Factor 3.259**. An Elsevier Publisher Journal).
2. **Hoque , M. S.**, Benjakul, S. and Prodpran, T. (2011). Properties of film from cuttlefish (*Sepia pharaonis*) skin gelatin incorporated with cinnamon, clove and star anise. *Food Hydrocolloids*, 25, 1085-1090. (**Impact Factor 4.280**. An Elsevier Publisher Journal).
3. **Hoque , M. S.**, Benjakul, S. and Prodpran, T. (2011). Effects of partial hydrolysis and plasticizer content and on the properties of film from cuttlefish (*Sepia pharaonis*) skin gelatin. *Food Hydrocolloids*, 25, 82-90. (**Impact Factor 4.280**. An Elsevier Publisher Journal).
4. **Hoque , M. S.**, Benjakul, S. and Prodpran, T. (2011). Properties of blend film based on cuttlefish (*Sepia pharaonis*) skin gelatin and mungbean protein isolate. *International Journal of Biological Macromolecules*, 49, 663-673. (**Impact Factor 3.096**. An Elsevier Publisher Journal).
5. **Hoque , M. S.**, Benjakul, S. and Prodpran, T. (2010). Effect of heat treatment of film forming solution on the properties of film from cuttlefish (*Sepia pharaonis*) skin gelatin. *Journal of Food Engineering*, 96, 66-73. (**Impact Factor 2.576**. An Elsevier Publisher Journal).
6. **Hoque , M. S.**, Benjakul, S. and Prodpran, T. (2011). Cuttlefish (*Sepia pharaonis*) skin gelatin based film: storage stability and its effectiveness for shelf-life extension of chicken meat powder. *International Aquatic Research*, 3, 165-169. (A Springer Publisher Journal).
7. Nowsad, A. K. M. and **Hoque, M. S.** (2009). Standardization of Production of Fish Sausage from Unwashed Mince Blend of Low Cost Marine Fish. Asian Fisheries Society, Manila, Philippines. *Asian Fisheries Science*, 22, 347-357.
8. Jaman, N., **Hoque, M. S.**, Chakraborty, S. C., Hoq, M. E. and Seal, H. P. (2015). Determination of formaldehyde content by spectrophotometric method in some fresh water and marine fishes of Bangladesh. *International Journal of Fisheries and Aquatic Studies*, 2(6): 94-98.
9. Chakma, S., **Hoque, M. S.** and Alam, A.K.M.N. (2015). Identification of food habit of urban and rural people in the Southern District of Bangladesh. *International Journal of Fisheries and Aquatic Studies*, 2(5): 210-212.

10. Rahman, M. B., **Hoque, M. S.** and Hasan, M. M. (2015). Selectivity of fishing gears and their effects on fisheries diversity of Rabnabad channel of Patuakhali district in Bangladesh. *Academic Research International*, Vol. 6(6): 184-196.
11. Hanif, M. A., Siddik, M. A. B., Chaklader, M. R., Mahmud, S., Nahar, A., **Hoque, M. S.** and Munilkumar, S. (2015). Biodiversity and Conservation of Threatened Freshwater Fishes in Sandha River, South West Bangladesh. *World Applied Sciences Journal* 33 (9): 1497-1510.
12. Rahman, M. M., Rahman, M. B., Rithu, M. N. A. and **Hoque, M. S.** (2016). Observation on selectivity of fishing gears and ichthyofaunal diversity in the Paira River of Southern Bangladesh. *International Journal of Fisheries and Aquatic Studies*, 4(1): 95-100.
13. Rahman, M. B., **Hoque, M. S.**, Mukit, S. S., Azam, M. and Mondal, M. (2016). Gears specific Catch Per Unit Effort (CPUE) with special reference to declining causes of ichthyofauna in the Kajal River of Southern Bangladesh. *International Journal of Fisheries and Aquatic Studies*, 4(2): 382-387.
14. **Hoque M. S.**, Jacxsens, L., De Meulenaer, B. and Alam, A. K. M. N. (2016). Quantitative risk assessment for formalin treatment in fish preservation: food safety concern in local market of Bangladesh. *Procedia Food Science* 6: 151 – 158.

Publications in National Journal (04)

15. Hoque, M. Z., **Hoque, M. S.**, Azadi, M. A. and Chakma, S. (2014). Catch composition and catch per unit effort of Seine net (Kashki Jal), at Rangamati reserve bazar point of Kaptai lake. *Journal of Patuakhali Science and Technology University (ISSN 1996-4501)*, 5(1), 27-36.
16. Chakrobarty, S. C., Amin, M. E., Mahmud, S. and **Hoque, M. S.** (2012). Compensatory growth of cultured fish species Tilapia (*Oreochromis niloticus*) fed on formulated diet on restricted and satiation ration. *Journal of Patuakhali Science and Technology University (ISSN1996-4501)*, 3 (1), 117-123.
17. **Hoque, M. S.**, Nowsad, A. K. M., Hossain M. I. and Shikha, M. H. (2007). Improved methods for the preparation of fish ball from the unwashed mixed minces of low-cost marine fish. *Progressive Agriculture*, 18(2):189-1197. (A Journal of Bangladesh Agricultural University).
18. Nowsad, A. K. M., **Hoque, M. S.**, Hossain M. I. and Shikha, M. H. (2007). Improved methods for the preparation of fish sausage from the unwashed mixed minces of low-cost marine fish. *Progressive Agriculture* 18(2):157-166. (A Journal of Bangladesh Agricultural University).

CONFERENCE PROCEEDINGS:

International Conference Proceedings (09)

1. Khan, M. R and **Hoque , M. S.** Comparative study of the changes in climatic condition and seasonal drought in the north-western part of Bangladesh. Paper No. 14-4. The Geological society of America, South-central Section, 47th Annual Meeting, USA. April 4-5, 2013.

2. **Hoque, M. S.**, Benjakul, S. and Prodpran, T. Properties of cuttlefish skin gelatin/mungbean protein isolate composite film. The 3rd Biochemistry and Molecular Biology (BMB) International Conference, Chiang Mai, Thailand. April 6-8, 2011.
3. **Hoque, M. S.**, Benjakul, S. and Prodpran, T. Effects of hydrogen peroxide and Fenton's reagent on the properties of film from cuttlefish (*Sepia pharaonis*) skin gelatin. Oral presentation, OP 045. International Conference on Food research (ICFR) 2010, Marriot, Putrajaya, Malaysia. November 22-24, 2010.
4. **Hoque, M. S.**, Benjakul, S. and Prodpran, T. Characteristics and molecular properties of cuttlefish (*Sepia pharaonis*) skin gelatin film incorporated with star anise extracts. Poster presentation, Abstract PA-035, page 117. International Conference on Agriculture and Agro-Industry 2010. Mae Fah Luang University, Chiang Rai, Thailand. November 19-20, 2010.
5. **Hoque, M. S.**, Benjakul, S. and Prodpran, T. Mechanical and barrier properties of film from cuttlefish (*Sepia pharaonis*) skin gelatin as affected by addition of cinnamon, clove and star anise extracts. Oral presentation, Proceeding Agro-6, page 84. The 7th IMT-GT UNINET and the 3rd Joint International PSU-UNS. Conference, Prince of Songkla University, Hat Yai, Thailand. October 7-8, 2010.
6. **Hoque, M. S.**, Benjakul, S. and Prodpran, T. Properties and molecular characteristics of film from cuttlefish (*Sepia pharaonis*) skin gelatin as affected by partial hydrolysis and plasticizer content. Poster presentation, Abstract A6, page 17. "Food Innovation Asia Conference, 12th Agro-industrial conference, BITEC, Bangkok, Thailand. June 17-18, 2010.
7. Prodpran, T., **Hoque, M. S.** and Benjakul, S. Properties of cuttlefish skin gelatin film as affected by heat treatment. Poster presentation, Abstract 35, page 96. 3rd Joint Trans-Atlantic Fisheries Technology Conference, Copenhagen, Denmark. September 15-18, 2009.
8. **Hoque, M. S.**, Benjakul, S. and Prodpran, T. Properties and molecular characteristics of film from cuttlefish skin gelatin as influenced by heat treatment of film forming solution. Poster presentation, Abstract A5, page 17-19. "Food Innovation Asia Conference, 11th Agro-industrial conference, BITEC, Bangkok, Thailand. June 18-19, 2009.
9. Nowsad, A. K. M. and **Hoque, M. S.** New fermented and cooked fish sausage prepared from unwashed mince blend of low-cost marine fish: effect of pressure-induced high temperature cooking. Oral Presentation, Abstract No. 4a-3-4, Page 215. 5th World Fisheries Congress, Fisheries for global welfare and Environment Convention, Pacifico Yokohama, Yokohama, Japan. 20-25 October, 2008.

National Conference Proceedings (02)

10. **Hoque, M. S.**, Liesbeth, J., Maleanuere, B and Nowsad, A. K. M. Probabilistic quantitative risk assessment of formalin treated fish in local market of Bangladesh. Bangladesh Fisheries Research Forum, Abstract book page 70, 6th Biennial Fisheries Conference and Research Fair 2014, Dhaka, Bangladesh. April 26 – 27, 2014.

11. **Hoque, M. S.**, Liesbeth, J., Maleanuere, B and Mahmud, S. Chemical hazards in fishes of Bangladesh: a food safety issue in the local and global market. Bangladesh Fisheries Research Forum, Abstract book page 108, 6th Biennial Fisheries Conference and Research Fair 2014, Dhaka, Bangladesh. April 26 – 27, 2014.

EXPERIENCES

INTERNATIONAL AND NATIONAL TRAINING AND SPECIAL COURSES

Year	Duration	Subjects/Courses and Institution
International Course (s) or Training (s) Attended		
2016	3 weeks	Governance and Food Safety in International Food Chain-2016 , Center for Development Innovation, Wageningen University Research, Netherlands. Duration: March 7 - 25, 2016. Joined as NFP Fellowship recipient.
2014	1 week	‘A research-Cum-Training on Innovative Food Processing Technology in Taiwan and Southeast Asia’ Department of Food Technology, National Pingtung University of Science and Technology, Pingtung, Taiwan. Duration: October 25 – 30, 2014.
2013	15 weeks	‘International Training Program (15 ECTS) on Food Safety, Quality Assurance and Risk Analysis’ Faculty of Bioscience Engineering, Ghent University, Ghent, Belgium. Duration: September 7 – December 19, 2013. Joined as VLIR-UOS scholar.
2011	3 days	‘International Conferences on Biochemistry and Molecular Biology’ (BMB) , Chiang Mai, Thailand. Duration: April 6 – 8, 2011.
2010	3 days	‘International Conference on Food Research (ICFR)’ Marriot, Putrajaya, Organized by University of Putra Malaysia, Malaysia. Duration: November 22 – 24, 2010.
National Course(s) or Training(s) Attended		
2015	4 days	Training course on ‘Strengthening Pedagogical Skills of Young Teachers’ Organized by Faculty of Fisheries, PSTU supported by WINROCK International
2014	1 day	Training on ‘Good Aquaculture Practices (GAQP’s)’ at Patuakhali Science and Technology University organized by Bangladesh Aquaculture Alliance and Ministry of Commerce, Government of Bangladesh.
2007	12 days	Training on ‘Administration, Office Management & Communication’ , Graduate Training Institute, Bangladesh Agricultural University, Mymensingh.
2006	15 days	Training on Computer “Basics of MS Office” Graduate Training Institute (GTI), Mymensingh.

2005	4 days	Training Course on ‘ Aquaculture, Extension and Training Methodology ’ Northwest Fisheries Resources Development and Management Project (Phase-III), Parbatipur, Dinajpur.
2004	05 days	‘ Agricultural Extension Training for University Students , Ghatail upozila, Tangail.

ACADEMIC EXPERIENCES

- **Assistant Professor, Department of Fisheries Technology**, Patuakhali Science and Technology University, Dumki, Patuakhali. Duration: July 28, 2011 to till date.
- **Chairman, Department of Fisheries Technology**, Patuakhali Science and Technology University. Duration: January 26, 2012 to February 08, 2015.
- **Member of editorial board**, *Journal of the Patuakhali Science and Technology University*. Duration: March 29, 2012 to till date.
- **Member of central laboratory managing committee**, Patuakhali Science and Technology University. Duration: April 30, 2012 to till date.
- **Member of central seminar committee**, Patuakhali Science and Technology University. Duration: September 6, 2012 to till date.
- **Member of Agricultural (Fish) Farm managing committee**, Patuakhali Science and Technology University. Duration: September 15, 2014 to till date.

RESEARCH EXPERIENCES

- **Principal Investigator** in the project ‘Probabilistic quantitative risk analysis of chemical (formalin) treated fish in local market of Bangladesh. Funded by International Foundation for Sciences (IFS), Sweden. Duration: March 2015 to February 2017 (Ongoing project).
- **Principal Investigator** in the project “Upgrading of Pangas and Tilapia value chains in Bangladesh”. A collaborative project among Patuakhali Science and Technology University (PSTU), Bangladesh Agricultural University (BAU) and University of Copenhagen (UC), Denmark, funded by DANIDA, Denmark. Duration: January 2015 to December 2018 (Ongoing project).
- **Principal Investigator** in the project ‘Preparation of fish ball from washed and unwashed mixed minces of low-friend freshwater pangus (*Pangus sutchi*) and marine water tuna (*Sarda orientalis*)’. **Funded by** Patuakhali Science and Technology University. Duration: **January 2015 to December 2015** (Ongoing project).
- **Co-Investigator** in the project ‘Effects of different salt, sources and fat content on maturation time of salted hilsa’. **Funded by** Patuakhali Science and Technology University. Duration: **January 2015 to December 2015** (Ongoing project).
- **Principal Investigator** in the project “Improvement of socio-economic condition of marginal fish farmer's around the Patuakhali Science and Technology University (PSTU) campus”. Duration: January to December, 2012
- **Co-Investigator** in the project “Development of sustainable aquaculture of emerging fin fish species Sea Bass (*Lates calcarifer*) in the coastal district”. Duration: June 2013 to May 2014.

- **Research Associate** in the project “Establishment of suitable techniques to reduce off-flavor in fishes” a research project funded by DANIDA, Barisal and in collaboration between the Faculty of Fisheries, Patuakhali Science and Technology University (PSTU) and University of Copenhagen, Denmark. Duration: January to December 2012.
- **Teaching (Lab) Assistant** in the Department of Food Technology, Faculty of Agro-Industry, Prince of Songkla University, Hat Yai-90112, Thailand. Duration: June 2008 to May 2011.
- **Research Associate** in the project “Improve methods for the preparation of fish sausage and fish ball from the unwashed mixed minces of low-cost marine fishes” a research project funded by IFS in the Department of Fisheries Technology, Bangladesh Agricultural University, Mymensingh. Duration: January 2006 to May 2007.

ORGANIZATIONAL MEMBERSHIP / ACTIVITIES

- **Elected Educational Secretary of Teacher's Association**, Patuakhali Science and Technology University. Duration: November 24, 2014 to till date.
- **Life member of Bangladesh Fisheries Research Forum (BFRF)** since 2012.
- **Life Member of Krishibid Institute** (Bangladesh Agriculturists Association) since 2014.
- **Elected Educational Secretary of Bangabandhu Shikkha O Gobeshona Parishad**, Patuakhali Science and Technology University. Duration: July 07, 2013 to till date.
- **Executive Committee Member of Bangabandhu Parishad**, Patuakhali Science and Technology University. Duration: October 30, 2013 to till date.
- **Adviser, BADHON** (a blood donating organization), Patuakhali Science and Technology University, since 2012.
- **Vice-President of Udichi Shilpi Goshthi**, Patuakhali Science and Technology University, since 2012.
- **Member of Debating Club**, Patuakhali Science and Technology University, since 2012.
- **Adviser, Fisheries English Language Club**, Faculty of Fisheries, Patuakhali Science and Technology University, since 2011.

CONTRIBUTION IN STUDENTS WELFARE ACTIVITIES

- **Assistant Provost, Kobi Begum Sufia Kamal Hall**, Patuakhali Science and Technology University, Dumki, Patuakhali-8602, Bangladesh from 01.07.2015 to till date.
- **Member of vigilance team of M. Karamot Ali Hall**, Patuakhali Science and Technology University. Duration: September 07, 2014 to till date.
- **President of International Students Association**, Prince of Songkla University, HatYai, Thailand. Duration: June 2009 to March 2011.

COMPUTER SKILLS

- **Computer Program:** MS-Word, MS-Excel, Power Point, Internet Browsing, Data Analysis, Data Interpretation
- **Data Analysis Program:** SPSS, MS State, Sigma Plot, @ Risk, Predictive Modeling, etc.

LANGUAGE PROFICIENCY

- Bengali : Mother Tongue.
- English : Excellent verbal and writing ability in English.

Subjects Studied during Undergraduate, Graduate and Post-Graduate Level

Name of Degree and Course duration	Subjects Studied
Ph.D in Food Science and Technology (3 year)	<u>Research Title:</u> <i>“Improvement of Properties of Edible Film Based on Gelatin from Cuttlefish (Sepia pharanois) Skin”</i>
	<u>Course work:</u> Food Chemistry, Food Microbiology, Food Processing
M.Sc in Fisheries Technology (1.5 years)	<u>January-June / 2006 (1st Semester)</u> FT 505-Fishery Products Technology, FT 506-Quality Control of Fish and Fishery Products, FT-507-Fish Processing Biochemistry, FT 508-Biotechnology in Fish Processing, FT 512-Fishery By Products Technology, FT 513- Project Design and Management.
	<u>July – December / 2006 (2nd Semester)</u> FT 501-Fish Preservation Technology, FT 502-Fish Processing Technology, FT 503–Advance Fisheries Microbiology, FT 504 - Fishing Technology, FT 509-Analytical Techniques for Fish Processing, FT 510-Industrial Fishery Management.
	<u>January - June / 2007 (3rd Semester) -Thesis Semester</u> Thesis Title: <i>“Improve methods for the preparation of fish sausage and fish ball from the unwashed mixed minces of low-cost marine fishes”.</i>
B.Sc. Fisheries (Hons.) (4 years)	<u>1st Year</u> Fisheries Zoology, Aquatic Ecology, General Ichthyology, Harvesting and Preservation of Fish, Statistics, Biochemistry
	<u>2nd Year</u> Fish Physiology, Fishery Systematic, Physico-Chemical Limnology, Fish Parasitology, Fisheries Microbiology, Fish Population Dynamics, Freshwater Aquaculture
	<u>3rd Year</u> Fish Processing, Fish Nutrition, Biological Limnology, Coastal Aquaculture, Hatchery Management, Fish Pathology, Agricultural Extension, Rural Sociology
	<u>4th Year</u> Oceanography and Marine Biology, Fisheries Products & Quality Control, Fisheries Management, Prevention & Control of Fish Diseases, Genetics and Fish Breeding, Fish Feed Technology, Fish Farm Design & Construction, Fishery Economics
H.S.C. (2 years)	Bengali, English, Mathematics, Physics, Chemistry, Botany, Zoology

S.S.C. (10 years)	Bengali , English, Mathematics, Social Science, Religious education (Islam) Physics, Chemistry, Biology, Higher Mathematics
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PERSONAL DETAILS

Father's Name : Haji Md. Abdul Mutaleb
 Mother's Name : Fatema Begum
 Permanent Address : Vill: Betmari, P.O.: Charpolisha, P.S.: Melandah,
 Dist.: Jamalpur, Bangladesh.
 Residential Address : 403/1, North Ibrahimpur, Kafrul, Dhaka-1206,
 Bangladesh
 Nationality : Bangladeshi (By Birth).
 National ID No. : 19832693016000096
 Passport No. : AC 0739748 .
 Religion : Islam
 Date of Birth : 18th July, 1983.
 Height : 5' – 4 1/2''
 Marital Status : Married.
 Blood Group : B^{+ve}

REFEREES

Dr. Soottawat Benjakul

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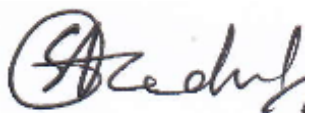
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(Dr. Md. Sazedul Hoque)