CURRICULUM VITAE OF
FARHANA SHARMIN

1.	Name	:	**Dr. MST. FARHANA SHARMIN**
2.	Father's name	:	Md. Abdul Gaffar Chowdhuri
3.	Mother's name	:	Mrs. Jahan Ara Begum
4.	Husband name	:	Dr. Md. Sazedul Karim Sarker, PSO & Head, Poultry Research Center and Project Director, BLRI, Savar, Dhaka 1341
5.	Gender		Female
6.	Present address	:	F-1, Duplex Quarter, BLRI, Savar, Dhaka 1341
7.	Permanent address	:	House-317/1, Road-1/3, South Kamal Kasna, Rangpur Sadar, Rangpur
8.	Date of Birth	:	2nd Feb 1980
9.	Age	:	42 years 10 months 29 days

10. Educational Qualification

Degree/Diploma /Certificate	Class/Grade /Division	University/Institute /Board	Year
S.S.C	1st Division	Rajshahi	1995
H.S.C	1st Division	Rajshahi	1997
B.Sc. & **M.Sc**. in Botany	2nd Class	Carmichael College, National University	2001, (Held in 2002)/ 2002 (Held in 2005)
M.S. in Food Science and Technology	4.14/4.50 (First Class)	Sunchon National University (SCNU), South Korea	2011
Ph.D. in Applied Marine Biosciences (Dept. Food Science and Technology)	Awarded	Tokyo University of Marine Science and Technology (TUMSAT), Japan	2016

Master Degree Thesis

Analysis of Cholesterol and Method Validation for Korean Key Food. Sunchon National University, Jeonnam, South Korea.

PhD Dissertation title

Studies on Biochemical and Functional Properties of Saponins Derived from Starfish Collected in Japan. Tokyo University of Marine Science and Technology, Shinagawa, Tokyo, Japan.

11. Field of Specialization : Food Science and Technology, Functional/Value added Food Production and Bioactive Component (Saponin) Isolation.

12. Training:

(a) In Country:

List of Training Courses:

SL	**Organization**	**Year**	**Duration**		**Name of Program**
			Months	Days	
1	Bangladesh Jute Research Institute	2023		1	ICT "e-Nothi"
2	National Agriculture Training Academy (NATA)	2023		10	Advanced ICT
3	Japanese Language Short Course	2013	2		JUAAB, Bangladesh
4	Free hand writing	2012	1		Saifur's
5	Spoken English	2011	1		Saifur's
6	Spoken English Language Course	2008	3		FM Institute
7	Mushroom Cultivation	2007		3	Mushroom development institute
8	Social Welfare Organization	2004	2	15	Computer basic course

(b) Abroad:

SL	**Organization**	**Year**	**Duration**		**Name of Program**
			Months	Days	
9	Japanese Language Course	2013	2		TUMSAT, Japan

13. Experiences:

Position	**Period**		
	Form	**To**	**Total Yr/Mo/D**
Senior Scientific Officer	7 Dec 2022	Till now	
Research Fellow, SPRD Project, BLRI	2 Feb 2022	30 June 2022	4 months
Post-Doctoral Research Fellow, SPRD Project	2 Feb 2020	31 Jan 2022	2 years
Post-Doctoral Research Fellow, Bangabandhu fellowship	1 July 2018	30 Dec 2019	1 year 6 months
Doctoral Study, Japan	1 Oct 2013	30 Sept 2016	3 years
Research Fellow, BLRI	1 July 2012	30 June 2013	1 year
Research Assistant cum MS student SCNU, South Korea	1 March 2009	28 Feb 2011	2 years
Research Assistant, SCNU, South Korea	18 March 2008	28 Feb 2009	1year 2 months
Research Assistant, BLRI Regional Station, Baghanbari	1 Jan 2005	30 June 2007	1year 6 months

14. Publications:

List of Publications are given in **Annexure**-1(Photocopies of Journal Publications, photocopies of first page of other publications are to be attached herewith)

Please see enclosure Paper-14, Books-5, Bulletins-3, Workshop-5

(a)	**Scientific Journals**	No. of publication
	(i) Full paper (a) Paper Published in the Reputed International Journal Principal author Co-author (b) Other International & National Journal Principal author Co-author	14 10 10 4
	(ii) Short Communication Principal author Co-author	0 0 0
(b)	**Books/Monographs/Bulletins**	
	(i) Books Principal author Co-author	5 3 2
	(ii) Monographs Principal author Co-author	0 0 0
	(iii) Bulletins Principal author Co-author	1 1 0
(c)	**Seminar/ Workshop/ Symposium/ Proceedings/ Popular article/ Abstract** Principal author Co-author	38 17 21

Annexure-01

List of Publications

Total Scientific Papers-14

i) As a Principal author-10
ii) As a Co-author-4

I. Full scientific paper as the principal author-10 (Six) **(a) Full scientific paper as the principal author published in International Journal: 7 (Seven)**	
1.	**Farhana Sharmin**, Md. Sazedul Karim Sarker, Md. SM Jahangir (2022). Effect of functional feed additives on broiler meat composition, fatty acid profile and oxidative stability. Canadian J. Anim. Sci. (Under revision)

2.	**Farhana Sharmin**, Md. Sazedul Karim Sarker, Md. Abdur Rashid, Shakila Faruque (2022). Effect o feeding *Spirulina platensis*, *Trigonella foenum-graecum* seed as a functional feed ingredient o growth performance and oxidative stability in turkey meat. Glob J Nutri Food Sci. 3(5 DOI:10.33552/GJNFS.2022.03.000573.
3.	**Farhana Sharmin**, Md. Sazedul Karim Sarker, Nathu Ram Sarker, Shakila Faruque (2021). Dietary effe of *Moringa oleifera* on native laying hens' egg quality, cholesterol and fatty acid profile. Ital. Anim. Sci., doi: 10.1080/1828051X.2021.1987846 (Impact Factor- 2.217)
4.	**Farhana Sharmin**, Tomoyuki Koyama, Hiroki Koyama, Shoichiro Ishizaki (2020). Cholesterol-bindir ability of Saponin from Japanese Starfish. J. Food Sci. Technol., doi 10.1007/s13197-020-04809- (Impact Factor-2.49)
5.	**Farhana Sharmin**, Nathu Ram Sarker and Md. Sazedul Karim Sarker (2020). Effect of Using *Moring oleifera* and *Spirulina platensis* as Feed Additives on Performance, Meat Composition and Oxidativ Stability and Fatty Acid Profiles in Broiler Chicken. Nut. Food Sci., doi: 10.35248/215 9600.20.10.772
6.	**Farhana Sharmin,** Shoichiro Ishizaki and Yuji Nagashima (2017). Molecular identification, micronutrient content, antifungal and hemolytic activity of starfish *Asterias amurensis* collected from Kobe coast, Japan. Afr. J. Biotechnol., 16(4): 163-170 (Impact Factor-0.573)
7.	**Farhana Sharmin**, Beom-Gyun Jeong, Jiyoung Jung, Chun Jiyeon (2017). Cholesterol analysis of Korean eat-out foods for national food composition database. J. Food Sci. Technol. doi: 10.1007/s13197-017-2615-7(Impact Factor-2.08)
(b)	**Full scientific paper as the principal author published in National Journal: 03 (Three)**
8.	**F. Sharmin**, K.S. Huque, N.R. Sarker, M.S.K. Sarker, S.M. J. Hossain and M. K. Basher (2019). Taxonomical identification and biomass production of M*oringa spp.* as a fodder crop. Bang. J. Livs. Res. Vol. 26 (1&2), 2019: P. 61-72
9.	**Farhana Sharmin,** Md. Sazedul Karim Sarker and Chun Jiyeon (2016). Cholesterol Contents in Raw and Cooked Chicken Meat through a Validated Method. Asian Australas. J. Biosci. Biotechnol., 1(3): 531-536
10.	**Farhana Sharmin,** Shoichiro Ishizaki and Yuji Nagashima (2016). Species identification and the biological properties of several Japanese starfish. Asian J. Med. Biol. Res. 2(4): 689-695
II. Full scientific paper as the Coauthor-4 (Four)	
1.	Beom-Gyun Jeong, Jiyeon Chun, Jiyoung Jung, Md. Atiqual Islam, **Farhana Sharmin**, Venus Quines, Induck Choi and Sung-Gil Choi (2017). Variations in vitamin E, phenolic content, and antioxidant properties of different wheat cultivars of South Korea. CyTA - Journal of Food, doi: 10.1080/19476337.2017.1325407 (Impact Factor-1.16)
2.	Md. Sazedul Karim Sarker, Md. Masud Rana, Halima Khatun, Shakila Faruque, Nathu Ram Sarker, **Farhana Sharmin** and Md. Nazrul Islam (2017). Moringa leaf meal as natural feed additives on the growth performance and meat quality of commercial broiler chicken. Asian J. Med. Biol. Res., 3(2): 240-244
3.	Md. Sazedul Karim Sarker, Gwi-Man Kim, **Farhana Sharmin** and Chul-Ju Yang (2016). Effects of medicinal plants, *Alisma canaliculatum, Laminaria japonica and Cornus officinalis,* treated with probiotics on growth performance, meat composition and internal organ development of broiler chicken. Asian J. Med. Biol. Res., 2(4): 696-702
4	Md. Sazedul Karim Sarker, Gwi-Man Kim, Do-Hae Jang, **Farhana Sharmin** and Chul-Ju Yang (2016). Bamboo vinegar liquid probiotics for replacing antibiotics on the performance and meat quality of broiler chicken. Asian Australas. J. Biosci. Biotechnol., 1(3):481-489

List of Seminar paper/Workshop paper/ Conferences/Abstract: 38 (3+18+17)

I. Seminar /Conference (Through Webinar 3) **(a) Conference presentation paper as the principal author: 3 (Three)**	
1.	**F Sharmin**, NR Sarker, MSK Sarker and S Faruque (**2020**). Modulation of fatty acid and cholesterol in chicken egg and meat as a functional food through dietary manipulation. The 41st 2020 International Symposium and Annual Meeting, 19-21 August 2020, Yeosu, South Korea, **as an invited speaker**
2.	**F Sharmin**, NR Sarker, MSK Sarker and S Faruque (**2020**). Effect of Using *Moringa oleifera* and *Spirulina platensis* as Feed Additives on Performance, Meat Composition and Oxidative Stability and Fatty Acid Profiles in Broiler Chicken. Chapter 3, the Online Summit on Food Science, Nutrition and Public Health on March 18, 2021**, as an invited speaker**
3.	**F Sharmin***, MSK Sarker, MAG Rabbani, S Faruque and NR Sarker (**2021**). Effect of dietary feed additives in producing value-added eggs from laying hen authored by "10th International Meat Science Association (IMSACON-X) and International Symposium"SVPUAT, Meerut, Uttar Pradesh, India, 25-27 November
(b) International seminar/conference: 18	
1	**Farhana Sharmin**, M.S.K. Sarker, N.R. Sarker (**2019**). Effect of *Moringa oleifera* and *Spirulina platensis* as feed additives in broiler chicken. 16th International Scientific Conference, 19-20 October, CVASU, Bangladesh
2	**Farhana Sharmin**, M.S.K. Sarker, N.R. Sarker (**2019**). Value addition in broiler chicken meat through dietary manipulation of *Moringa oleifera* and *Spirulina platensis.* 11th International Poultry Show & Seminar, WPSA Bangladesh Branch, Dhaka Regency, March 7-9, Dhaka, Bangladesh
3	**Farhana Sharmin**, Shoichiro Ishizaki, Yuji Nagashima (**2016**). Antifungal and Cholesterol-Binding Abilities of Saponin Isolated from *Asterias amurensis.* 7th World Fisheries Congress, 23-27 May, BEXCO, Busan, South Korea
4	**Farhana Sharmin,** Masaji Kouchi, Shoichiro Ishizaki, Yuji Nagashima (**2015**). Functional properties of starfish saponins collected from the coast of Kobe, Japan. Japanese Society of Fisheries Science, 27~31 March. TUMSAT, Tokyo, Japan
5	**Farhana Sharmin**, Masaji Kouchi, Shoichiro Ishizaki and Yuji Nagashima (**2014**). Species identification and the properties of several starfishes collected from the coast of Kobe city, Japan. Japanese Society of Fisheries Science 27~31 March. Hokkaido University.
6	**Sharmin Farhana**, H.M. Lee, B. G. Jung, M.S.K Sarker, C. Jiyeon (**2013**). Determination of Cholesterol content raw and chicken meat through a validated method. 8th International Poultry Show and Seminar, 28 Feb-02 March. Dhaka, Bangladesh
7	**Sharmin Farhana**, Hyunmi Lee, Su-Jin Park, Kap-Sung Choi, Yong-Doo Kim, Jae-Sin Seo, SooCheol Shin, Jiyeon Chun (**2010**). Analyses of cholesterol, retinol and β-carotene in *Jeotgals*, Korean salted and fermented fish. AOAC International Training Course in Orlando, Florida, USA. September 24~25
8	**Sharmin Farhana**, Dong-Gun Nam, Juhun Kim, Junsoo Lee, Myoung-Gun Choung, Taek Kyun Choi, Young Hwan Lee, Sung Ho Jang and Jiyeon Chun (**2009**). Vitamin B1 and niacin contents in Korean rastaurent foods. Bioconvergence for Food Innovation, Korea, June 16~18

9	M.S.K. Sarker, S. Sultana, **F. Sharmin**, N. Hossain, M.M. Rana, N.R. Sarker (**2019**). Dietary probiotics on broiler growth performance and meat quality traits in producing antibiotic. International Symposium and 9th Conference of Indian Meat Science Association (IMSACON IX), November 6-8, 2019 at Palampur (HP), India
10	M.S.K. Sarker, N.R. Sarker, Faruque, S., **F. Sharmin** (**2019**). Antibiotic alternatives for sustainable and safe broiler production – Current challenges and possible measures. Sustainable Poultry Production- A Global Prospective, November 23, SAUS, pp 47-51, Bangladesh
11	M.S.K. Sarker, H. Khatun, M.M. Rana, S. Faruque, **M.F. Sharmin**, M.N. Islam (**2014**). Dietary moringa leaf meal on growth performance, internal organ development and meat yield traits of broiler chicken. Annual Poultry Science Meeting, Hotel Omni, Corpus Christi, Texas, **USA**, 14 -17 July
12	M.S.K. Sarker, M.M. Rana, H. Khatun, S. Faruque, M.N. Islam, **M.F. Sharmin** (**2014**). Moringa as feed additives on growth performance, serum lipid profile and abdominal fat content in broiler chicken. 10th Asia Pacific Poultry Conference, Jeju, **South Korea**, 19-23 October
13	M.S.K. Sarker, G.M. Kim, M.E. Hossain, **M.F. Sharmin**, K.S. Huque, C.J. Yang (**2011**) *Alisma canaliculatum, Laminaria japonica* and *Cornus officinalis*, treated with Probiotics on Growth Performance and Meat Quality of Broilers. 7th International Poultry Show & Seminar, WPSA Bangladesh Branch, Bangabandhu International Conference Center, March 25-27, Dhaka, Bangladesh
14	M.S.K. Sarker, G.M. Kim, M.E. Hossain, **M.F. Sharmin**, K.S. Huque, C.J. Yang (**2011**). Effect of mixed probiotics treated with *Alisma canaliculatum*, *Laminaria japonica* and *Cornus officinalis* on oxidation, cholesterol and fatty acids profile in broiler meat. 9th Asia Pacific Poultry Conference. Taipei International Convention Center, March 20-23, Taipei, Taiwan.
15	M.S.K. Sarker, M.R.A. Sumon, S. Sultana, **M. F. Sharmin**, N. R. Sarker (2019). Effect of cotton seed meal on the growth performance and meat composition in the diet of broiler chickens. 11th International Poultry Show and Seminar, 6-8 March, Le Meridian, Dhaka, Bangladesh
16	M.S.K. Sarker, M.R.A. Sumon, S. Sultana, **F. Sharmin**, S. Faruque, N.R. **Sarker** (2019). Cottonseed meal on the growth performance, dressing yield, organ development and meat composition in the diet of broiler chickens. 16th International Scientific Conference, 19-20 October, CVASU, Bangladesh.
17	Hyunmi Lee, **Sharmin Farhana**, Junsoo Le, Ki-Teak Lee, Hee Duck Lee, Jun Heo, Sung-Ho Jang, Soohyun Ji, Sung Won Yoon, Hani Kang, Jiyeon Chun. β- Carotene and Retinol Contents of Key Foods in the Korean Diet (**2010**). Green and Personalized Foods, Korea, October 27~29
18	Jiyeon Chun, **Farhana Sharmin**, Woo Ju Jeong, Kang Wook Lee and Jeong Hwan Kim (**2009**) Effects of the addition of carbohydrates on the isoflavon and oligosachharide contents in soymilk during fermentation with *Weisella* sp. 4. Recent Trends in Bioconvergence Technology. International Symposium and Annual Meeting, Daejon Convention Center, Korea, 25-26 June
	(c) National seminar / Conference: 17
1	**F. Sharmin**, M.S.K. Sarker, R. Amin, A. Sultana, K.N Monira, SD Chowdhuri, NR Sarker, SMJ Hossain (**2022**). Production of nutrient-enriched designer eggs through dietary manipulation of *Moringa oleifera*, *Spirulina platensis* and *Linum usitatissimum* in laying hen. 13-14 December, Annual Research Review Workshop and Technology Transfer, Bangladesh Livestock Research Institute (BLRI), Savar, Dhaka, 1341.

2	A. Sultana, N.R. Sarker, R. Habib, S. Alam, D.C. Poul, **F. Sharmin**, A. Islam, M.R. Amin, M.S.K. Sarker (**2022**). Development of zinc-fortified meat product from broiler and spent hen 13-14 December, Annual Research Review Workshop and Technology Transfer, Bangladesh Livestock Research Institute (BLRI), Savar, Dhaka, 1341.
3	M.R. Amin, M.S. Ali, M.A Hashem, A. Islam, M.S.K. Sarker and **F. Sharmin** (**2022**). Quality and safety assessments for poultry meat products in Bangladesh. 13-14 December, Annual Research Review Workshop and Technology Transfer, Bangladesh Livestock Research Institute (BLRI), Savar, Dhaka, 1341.
4	M.S.K. Sarker, M.A. Rashid, M.A.G. Rabbani, **F. Sharmin**, S. Faruque (**2022**). Comparative Performance and Meat Quality Traits of Different Varieties of Turkey and Guinea Fowl in Bangladesh. 13-14 December, Annual Research Review Workshop and Technology Transfer, Bangladesh Livestock Research Institute (BLRI), Savar, Dhaka, 1341.
5	M.U. Ahmed, M.S.K. Sarker , **F. Sharmin**, N.R Sarker, D.C. Poul (**2022**). Feeding effects of probiotic, symbiotic and organic acid as alternatives to antibiotic in broiler. 13-14 December, Annual Research Review Workshop and Technology Transfer, Bangladesh Livestock Research Institute (BLRI), Savar, Dhaka, 1341.
6	Md. Sazedul Karim Sarker, **Farhana Sharmin**, Shakila Faruque , Nasrin Sultana (**2022**). Effects of dietary feed additives on egg quality, cholesterol and fatty acid profile of laying hens. Bangladesh Society for Animal Production Education and Research (BSAPER), 28 August, 2022.
7	**F. Sharmin**, M.S.K Sarker, M.A.G Rabbani, S. Faruque (**2022**). Dietary effects of feed additives on egg quality, cholesterol and fatty acid profile of laying hens. Annual Research Review Workshop, 27-28 January, Bangladesh Livestock Research Institute, Savar, Dhaka, Bangladesh.
8	MSK Sarker, **F Sharmin,** MM Rana, MR Amin, KT Islam, MS Hossain (**2022**) Production of safe broiler chicken through feed additives in different regions. Annual Research Review Workshop, 27-28 January, Bangladesh Livestock Research Institute, Savar, Dhaka, Bangladesh.
9	M R Amin, M.S. Ali, M.A. Hashem, MSK Sarker, **F Sharmin** (**2022**). Quality and safety assessments of poultry meat products in Bangladesh. Annual Research Review Workshop, 27-28 January, Bangladesh Livestock Research Institute, Savar, Dhaka, Bangladesh.
10	**F. Sharmin**, M. S. K. Sarker , S. Faruque, M. A. Jalil and N. R. Sarker (**2021**). Fortification of nutrients in poultry meat through dietary manipulation. 4th National Scientific Conference on Food Safety and Health' organized by Bangladesh Society for safe Food (BSSF), October 29, 2021.
11	**F. Sharmin**, N. R. Sarker, and M. S. K. Sarkar (**2020).** Fortification of nutrients (Omega 3 fatty acids) in poultry meat through dietary manipulation. Annual Research Review Workshop, 4-5 December, Bangladesh Livestock Research Institute, Savar, Dhaka, Bangladesh.
12	M. S. K. Sarker, **F. Sharmin**, M. R. A. Suman and N. R. Sarker (**2020**). Determination of heavy metals (Pb, Cr, Cd and Pb) in poultry feed and meat both breast and thigh. Annual Research Review Workshop, 4-5 December, Bangladesh Livestock Research Institute, Savar, Dhaka,
13	**F. Sharmin**, N. R. Sarker, M. S. K. Sarker and S. Faruque (**2020**). Development of feeds and feed additives for producing value added poultry meat and eggs emphasizing lipid profile and antioxidant. Annual Research Review Workshop, 26-27 January, Bangladesh Livestock Research Institute, Savar, Dhaka, Bangladesh.

14	M. S. K. Sarker, R. A. Sumon, N. R. Sarker and **F. Sharmin** (**2020**). Substitution of soybean meal by cotton seed meal as a source of protein supplement in the diet of broiler chicken. Annual Research Review Workshop, 26-27 January, Bangladesh Livestock research Institute, Savar, Dhaka, Bangladesh.
15	**M. F. Sharmin**, K. S. Haque, N. R. Sarker, M. S. K. Sarker, A. A. Bhuiyan, S. M. J. Hossain, M. K. Basher (**2013**). Study on taxonomical identification and biomass production of M*oringa spp.* as a fodder crop. Annual Research Review Workshop, 19-20 June, Bangladesh Livestock research Institute, Savar, Dhaka, Bangladesh.
16	M.S.K. Sarker, M.A. Rashid, H. Khatun, S. Faruque, **M.F. Sharmin**, M.N. Islam (**2013**). Study on protein concentrate development and growth performance of hilly chicken. Annual Research Review Workshop, 19-20 June, Bangladesh Livestock Research Institute (BLRI), Savar, Dhaka 1341
17	M.S.K. Sarker, H. Khatun, M.A. Rashid, S. Faruque, **M.F. Sharmin** and M.N. Islam (**2013**). Dietary moringa leaf meal on growth performance, internal organ development and meat yield traits of hilly chicken. 3rd Annual Conference & Seminar, 26 October, Bangladesh Society for Animal Production Education and Research (BSAPER), BLRI, Savar, Dhaka 1341, Bangladesh

Book chapter

1) Md. Sazedul Karim Sarker, Md. Masud Rana, Shabiba Sultana, **Farhana Sharmin,** Nathu Ram Sarker and Talukder Nurun Nahar. Current Research in Agricultural and Food Science 'Investigating the Effect of dietary probiotics on growth performance, meat quality omprovement of broiler chicken for safe meat production'. Book Publisher International, 2020, Vol.3, United Kingdom, 38-45

2) খামারী প্রশিক্ষণ নির্দেশিকা, পোল্ট্রি গবেষণা ও উন্নয়ন জোরদারকরণ প্রকল্প, বাংলাদেশ প্রাণিসম্পদ গবেষণা ইনস্টিটিউট, সাভার, ঢাকা-১৩৪১।

<u>Post-doctoral Report (2018-2022)</u>

3) Dietary manipulations to produce pre-slaughter and pre-oviposition value added poultry products: Characterization lipid profile and antioxidant (Under Bangabandhu Science and Technology Fellowship Trust, Ministry of Science and Technology)
4) (a) Fortification of nutrients (Omega 3 fatty acids) in poultry meat through dietary manipulation. (b) Method validation and Identification of cholesterol, fatty acid profile and lipid oxidation of poultry meat and egg (Under Strengthening of Poultry Research and Development Project, BLRI, Savar)

Popular article-3

1. নিরাপদ ডিম ও ব্রয়লার মুরগির মাংস উৎপাদনের জন্য সজনাপাতা ও স্পিরুলিনা (http://agrilife24.com/2018/2018-03-19-12-26-20/1888-safe-egg-br-blri.html?fbclid=IwAR3w1WCxRVzB5DhjhMTHx0Sf730xsHU0oL67q1bxuzqiruH7LJa8qugsXlI)

2. স্বাস্থ্য সুরক্ষায় ওমেগা-৩ ফ্যাটি অ্যাসিড সমৃদ্ধ ডিম খাওয়ার গুরুত্ব, ই-পেপার _ প্রতিদিনের সংবাদ.pdf, বৃহস্পতিবার, ১৩ অক্টোবর ২০২২, ২৯ আশ্বিন ১৪২৯

3. বাংলাদেশের প্রেক্ষাপটে ডিম সংরক্ষণ ও ব্যবহারে ডিমের পাউডার এর গুরুত্ব Category: গবেষণা ফিচার Created: Friday, 14 October 2022 01:40 Written by agrilife24 Twee. https://agrilife24.com/2021/2018-03-19-12-26-20/7986-

15. Research achievement

(i) No. of technology developed: 2 (Under review)
(ii) No. of Research Program:
(a) Developed: Not applicable
(b) Supervised: Not applicable
(c) Executed: 5 (Annexure-02)

Annexure-02

Sl.No	Position	Date	Title	Funding Organization
1.	Co-Principal Investigator	From July 2021 to June 2022	Production of nutrient-enriched designer eggs through dietary manipulation of *Moringa oleifera, Spirulina platensis* and *Linum usitatissimum* in laying hen	Strengthening of Poultry Research and Development Project, Ministry of Livestock and Fisheries, People's Republic of Bangladesh
2.	Co-Principal Investigator	From July 2020 to June 2021	Method validation and identification of cholesterol, fatty acid profile and lipid oxidation of poultry eggs and meat	Strengthening of Poultry Research and Development Project, Ministry of Livestock and Fisheries, People's Republic of Bangladesh
3.	Co-Principal Investigator	From July 2019 to June 2020	Fortification of nutrients (Omega 3 fatty acids) in poultry meat through dietary manipulation	Strengthening of Poultry Research and Development Project, Ministry of Livestock and Fisheries, People's Republic of Bangladesh
4.	Co-Principal Investigator	From July 2018 to June 2019	Development of feeds and feed additives for producing value-added poultry meat and eggs	Bangladesh Livestock Research Institute (BLRI) in Savar, Dhaka, through an internal Core Project.

			emphasizing lipid profile and antioxidant	Ministry of Livestock and Fisheries, People's Republic of Bangladesh
5.	Co-Principal Investigator	From July 2012 to June 2013	Taxonomical identification, biomass production and nutrient composition of Moringa sp. as a fodder crop	Fodder Research and Development Project, BLRI, Savar, Dhaka, Ministry of Livestock and Fisheries, People's Republic of Bangladesh

16. Outstanding achievement:
(Award received, Supervision of MS/ Ph.D Thesis, patent Register)

A. **Variety developed:** Not applicable

B. **Membership of professional societies**

1) Member, World Poultry Science Association, Bangladesh Branch.
2) Ex-member of World Literature Center, Bangladesh. (WLC)
3) Ex-member of the Japanese Society of Fisheries Science
4) Ex-member of, Korean Society for Food Science and Technology
5) Member, the Japanese Society for Food Science and Technology

C. **Experienced with outstanding achievements:**

Award (Scholarship)

1) **Post-Doctoral Research Fellowship (2020-2022),** Strengthening of Poultry Research and Development Project, Bangladesh Livestock Research Institute, Savar, Dhaka, Bangladesh
2) **Post-Doctoral Research Fellowship (2017-18)**, Bangabandhu Science and Technology Fellowship Trust, Ministry of Science & Technology. Research placement: Bangladesh Livestock Research Institute, Savar, Dhaka, Bangladesh
3) **Monbukagakusho Scholarship** (October 2013 to September 2016), A full scholarship was awarded by Ministry of Education, Culture, Sports, Science and Technology, Japan to purse Doctoral degree at the Tokyo University of Marine Science and Technology, **Japan**
4) **Tuition Fee Waiver Scholarship** for Masters of Science study under the Lab. of Agricultural Food Processing, Department of Food Science and Technology, Sunchon National University, Korea (March 2009 to February 2011) **South Korea**
5) **Research Assistantship** which was covering my house and accommodation costs during my 2 years of study period at SCNU, **South Korea**

Outstanding research contribution

1) **Best presenter award** at Bangladesh Society for Animal Production Education and Research (BSAPER), **28 August, 2022**.
2) **Best presenter award** at 4th National Scientific Conference on Food Safety and Health organized by Bangladesh Society for Safe Food (BSSF), **October 29, 2021**.
3) **Best presenter award** at International Symposium and 9th Conference of Indian Meat Science Association (IMSACON IX) **November 6-8, 2019** at Palampur (HP), India

(**Dr. Mst Farhana Sharmin**)
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