

Curriculum Vitae (CV)
of
Dr. Md. Asaduzzaman

Professor, Department of Dairy Science
Faculty of Animal Science & Veterinary Medicine, Sher-e-Bangla
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Personal Details

| | | |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Name in Full (in block letters) | Last Name Asaduzzaman | First Name Md |
| Father 's Name | Md. Habibor Rahman | |
| Mother's name | Mrs. Nurjahan | |
| Spouse's name | Dr. Mofassara Akter | |
| Gender | Male | |
| Date of birth | 13 April, 1984 | |
| Place of birth | Thakurgaon, Bangladesh | |
| Nationality | Bangladeshi by birth | |
| Designation | Associate Professor, Department of Dairy Science, Sher-e-Bangla Agricultural University, Dhaka-1207 | |
| Permanent address | Village-South Bandigar, Post office- Danar Hat, Upazilla- Thakurgaon Sadar, District- Thakurgaon | |
| Present address | Department of Dairy Science, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207 Mobile: +8801717712115 | |
| Religion | Islam | |
| Blood group | AB (+ve) | |
| National ID | 19846125221271712 | |
| Passport no. | EA0093745 | |

Academic Carrier

| Name of School/College/ University | Years attended | | Name of the Exams. with subjects offered* | Division/Grade/ Class & Place obtained | Year of obtaini ng cert. or degree |
|------------------------------------------------|----------------|-----------------|-----------------------------------------------------------------------|------------------------------------------------|------------------------------------|
| | From | To | | | |
| Hokkaido University, Japan | April/2017 | September/ 2020 | PhD in Biosystems Sustainability (Major: Applied Food Science) | Awarded | 2020 |
| Bangladesh Agricultural University, Mymensingh | July- Dec/2008 | July- Dec/2009 | MS in Dairy Science | Grade: A GPA: 3.766 (out of 4.0) | 2010 |
| Bangladesh Agricultural University, Mymensingh | 2003 | 2007 | B. Sc. A. H. (Hons.) | Grade: A GPA: 3.707 (out of 4.0) | 2007 |
| Dinajpur Govt. College | 1999 | 2000 | HSC | 1st Division | 2001 |
| Birganj Govt. High School | 1997 | 1998 | SSC | 1st Division | 1999 |

Working experiences

| Name of Employer | Name of the Department/Institution | Position | Period of service |
|---------------------------------------|---------------------------------------|---------------------|----------------------------------|
| Sher-e-Bangla Agricultural University | Department Dairy Science | Professor | 16 May 2023 to till date |
| Sher-e-Bangla Agricultural University | Department Dairy Science | Chairman | From 24.12.2020 to till date |
| Sher-e-Bangla Agricultural University | Department Dairy Science | Associate Professor | 16 May 2019 to 15 May 2023 |
| Sher-e-Bangla Agricultural University | Department Dairy Science | Chairman | 01 January 2015 to 22 March 2016 |
| Sher-e-Bangla Agricultural University | Sher-e-Bangla Agricultural University | Assistant Proctor | 01 August 2013 to 31 July 2015 |
| Sher-e-Bangla Agricultural University | Department Dairy Science | Assistant Professor | 26 May 2013 to 15 May 2019 |
| Sher-e-Bangla Agricultural University | Department of Dairy Science | Lecturer | 12 April 2012 to 25 May 2013 |

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|-------------------------------------------------------------------|-----------------------------------------|-------------------|------------------------------|
| Hajee Mohammad Danesh Science and Technology University, Dinajpur | Department of Dairy and Poultry Science | Lecturer | 16 May 2010 to 11 April 2012 |
| CARE Bangladesh | Strengthening Dairy Value Chain Project | Field Facilitator | August 2009 February 2010 |

Training or special courses or certificates obtained

- a) Professional workshop on “Professional profile updating for SAU faculty members on SAU website” Organized by Institutional Quality Assurance Cell, Sher-e-Bangla Agricultural University, 12 December, 2024.
- b) Professional training on “**Teachers Training Programme on Disease Control and Pedagogic Skills**” organized by Bangladesh Veterinary Pedagogy Forum and Sher-e-Bangla Agricultural University, June 19-21, 2023.
- c) Actively participated in the training on “**Cattle cost efficient feed management and nutritional requirements with alternative sources**”, organized by PUM Netherlands, BDFA and SAU, May 5-7, 2023.
- d) Attended the 6th Bangladesh Society for Animal Production Education and Research (BSAPER) seminar on “**Innovative Technologies for Animal Production: Bangladesh and Global Perspective**”, 28 August, 2022.
- e) Training on “**Training on Conducting Online Exams**” organized by the Outreach Program, Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh, September 9, 2021.
- f) Actively participated in the virtual training program on “**Intellectual Property Rights (IPRs)**” jointly organized by the department of Patent Design and Trademark (DPDT), Ministry of Industries, Dhaka, Bangladesh and Sher-e-Bangla Agricultural University, Dhaka, 13 July, 2021.
- g) Training on “**Techniques of Using Online Teaching Aids**” organized by the Outreach Program, Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh, December 28-29, 2020.
- h) Attended International Seminar on “**Bangabandhu**”- **The inspiration of Food Safety in Bangladesh: Initiatives, Challenges and Dreams**, Organized by Bangladesh Food Safety Authority (BFSA), 2021.
- i) Training on “**Writing and Reviewing of Scientific Articles**” Organized by Central Library, Hokkaido University, Sapporo, Japan.
- j) Attended “**7th Congress of Hokkaido Society of Livestock and Grassland Science**”, Nakashibetsu, Hokkaido, Japan, September 01-02, 2018.

- k) Attended “**64th International Congress of Meat Science and Technology**”, Grand Hyatt, Melbourne, Australia, August 12-17, 2018
- l) Attended “**124th Annual Meeting of Japanese Society of Science**”, The University of Tokyo, Tokyo, Japan, March 27-30, 2018 and received “**English presentation award**” for oral presentation.
- m) Training on “**Teaching Methods and Techniques**” organized by the Outreach Program, Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh, October 14-16, 2012.
- n) Training on “**Orientation Training**” organized by the Institute of Research and Training, Hajee Mohammad Danesh Science and Technology University, Dinajpur-5200, Bangladesh, September 28-29, 2010.
- o) Attended 6 months “**Internship Program**” at different GO and NGO’S (BLRI, BRAC, Milk vita, Proshika, Poultry farm, DLS) organized by the Faculty of Animal Husbandry, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh, November 11, 2007–May 02, 2008.
- p) Course on “**Basics of MS Office**” conducted by the Graduate Training Institute (GTI), Bangladesh Agricultural University, Mymensingh-2202, Bangladesh, January 03-15, 2009.
- q) Attended “**Extension Field Trip**” organized by the Faculty of Animal Husbandry and the Department of Agricultural Extension Education, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh, July 20-25, 2007.

Conference attended

- a) Attended “**65th International Congress of Meat Science and Technology**”, Kongresshotel, Potsdam, Germany, August 04-09, 2019.
- b) Attended “**7th Congress of Hokkaido Society of Livestock and Grassland Science**”, Nakashibetsu, Hokkaido, Japan, September 01-02, 2018.
- c) Attended “**64th International Congress of Meat Science and Technology**”, Grand Hyatt, Melbourne, Australia, August 12-17, 2018.
- d) Attended “**124th Annual Meeting of Japanese Society of Science**”, The University of Tokyo, Tokyo, Japan, March 27-30, 2018 and received “**English presentation award**” for oral presentation.

Language proficiency

- **English:** Very good reading, writing and speaking ability.
- **Japanese:** Good reading (Hiragana and Katakana), writing (Hiragana and Katakana) and speaking ability.
- **Bengali:** native.

Computer Skills

- Operating system: Windows and Mac OS
- Software packages: MS Office, Statistical Package (SAS, SPSS, Tukey etc.), Adobe Photoshop, etc. Internet browsing, E-mail, Internet application software and other utilities.

Members of professional organizations

1. Japanese Society of Animal Science (JSAS), Japan
2. Hokkaido Society of Livestock and Grassland Science, Japan
3. Krishibid Institution, Bangladesh (2008-Till date)
4. Bangladesh Animal Husbandry Association (BAHA) (2007-Till date)
5. Bangladesh society for animal production education and research (BSAPER)
6. Bangladesh Society for Safe Food (BSSF)

Achievements

| SI | Achievements | Type | Year |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|
| 2. | English presentation award for oral presentation in 124th Annual Meeting of Japanese Society of Science, 2018; The University of Tokyo, Tokyo, Japan. | Award | 2018 |
| 3. | Hokkaido University Frontier Fund Clark Scholarship (for a specific period in PhD study) | Scholarship | 2017 |
| 4. | Kyoritsu International Foundation Scholarship for PhD (for a specific period in PhD study) | Scholarship | 2018 |
| 5. | Bangabandhu Science and Technology Fellowship (for a specific period in PhD study) | Fellowship | 2018 |
| 5. | Hokkaido University Agricultural Alumni Association Scholarship for international conference | Scholarship | 2019 |

Experience in implementing project

| SI | Title of Project | Funding agency | Position held | Status |
|----|-----------------------------------------------------------------|---------------------------------------------------|------------------------|---------|
| 1. | Development of next generation beverage using whey and soy milk | BANBEIS Ministry of Education Year: 2023-24 | Principal Investigator | Ongoing |
| 2. | Detection of health hazardous elements in milk produced by the | Ministry of Science and Technology | Principal Investigator | Ongoing |

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| | local dairy farmers in Dhaka city: A safe food issue | Year: 2023-24 | | |
| 3. | Isolation, identification and characterization of lactic acid bacteria (LAB) from locally fermented dairy products | Sher-e-Bangla Agricultural University Research System (SAURES) Year: 2023 | Principal Investigator | Ongoing |
| 4. | Evaluation of hygienic and safety issue of Austagram cheese produced traditionally at Austagram Keshoreganj | University Grants commission (UGC) Year: 2021-22 | Principal Investigator | Completed |
| 5. | Development of suitable method to remove beany flavor from soy milk and improve the quality of soy fortified yoghurt | Sher-e-Bangla Agricultural University Research System (SAURES) Year: 2022 | Principal Investigator | Completed |
| 6. | Assessment of commercially packaged fluid milk and powdered milk quality available in Dhaka city | Sher-e-Bangla Agricultural University Research System (SAURES) Year: 2021 | Principal Investigator | Completed |
| 7. | Development of special yoghurt using soya milk with cow milk and evaluation of quality parameters | Sher-e-Bangla Agricultural University Research System (SAURES) Year: 2020 | Principal Investigator | Completed |
| 8. | Development of Flavoured Dhai (Yoghurt) by Incorporating Soy Milk and Chocolate | Sher-e-Bangla Agricultural University Research System (SAURES) Year: 2016 | Principal Investigator | Completed |
| 9. | Use of Black Cumin in Livestock and Poultry Diet as Cholesterol Lowering Agent in Egg Yolk and Milk Fat | Ministry of Science and Technology Year: 2014 | Co-investigator | Completed |

Supervisor

| SL. NO. | NAME OF THE STUDENT | MS DEGREE | TITLE | YEAR |
|---------|---------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------|------|
| 1. | LITA BISWAS | MS in Dairy Science | MICROBIAL ASSESSMENT OF RAW AND PROCESSED MILK ALONG WITH ANTIBIOGRAM PROFILING OF SELECTED ISOLATED BACTERIAL SPECIES | 2022 |
| 2. | MST. TASMIM SULTANA | MS in Dairy Science | CHARACTERIZATION AND ANTIBIOGRAM STUDY OF SOME PATHOGENIC BACTERIA ISOLATED FROM FERMENTED DAIRY PRODUCTS IN DHAKA CITY | 2022 |
| 3. | ABDUR RAHMAN | MS in Dairy Science | STUDY ON ISOLATION, CHARACTERIZATION AND IDENTIFICATION OF LACTIC ACID BACTERIA DERIVED FROM FERMENTED DAIRY PRODUCTS | 2022 |
| 4. | MOST. LUBNA AKHTER | MS in Dairy Science | STUDY ON THE REMOVAL OF BEANY FLAVOR FROM COMBINED YOGURT BY USING DIFFERENT TECHNIQUES | 2023 |
| 5. | MISS-K. JAHAN MIM | MS in Dairy Science | QUALITY ANALYSIS OF RAW AND PASTEURIZED MILK COLLECTED FROM DHAKA CITY | 2023 |
| 6. | ABDULLA AI MAHBUB | MS in Dairy Science | COMPARATIVE STUDY OF THE DAHI PREPARED FROM DIFFERENT TYPES OF MILK | 2023 |

Area of research interest:

- Dairy Biotechnology
- Dairy Microbiology
- Dairy Animal Nutrition
- Molecular Biology
- Meat Science and Technology

Country visited

- Japan
- Australia
- Germany
- Italy
- France
- Austria
- China
- Nepal

List of published research work

1. Islam, M. S., Protik, A. S., Zannat, M. A., Naim, Z., Kabir, M. E., **Asaduzzaman, M.** and Mofassara, A. 2024. Using tannery wastes in poultry feed: a matter of concern for safe poultry production in Bangladesh. *Online Journal of Animal and Feed Research*, 14(1): 1-12.
2. **Asaduzzaman, M.**, Akter, M., Rahman, A., Moniruzzaman, M., Rahman, A and Islam, M. S. 2023. Development of flavored dahi by incorporating soymilk and cocoa powder. *Asian-Australasian Journal of Bioscience and Biotechnology*, 8(1), 1-7.
3. Md Moniruzzaman, M., Khan, M. A. S., Akter, M., Rahman, A., Rahman, A. **Asaduzzaman, M.** 2023. Effect of neem (*Azadirachta indica*) leaves as supplemented feed on the milk production performance of lactating cows. *International Journal of Animal Resources*, Accepted (**Corresponding author**).
4. Akter, M. and **Asaduzzaman M.** 2023. Feeding of mint leaf as an alternative to antibiotics on performance of broiler. *Asian-Australasian Journal of Food Safety and Security*, 7 (1), 10-19.
5. Akter, M., **Asaduzzaman, M.** and Sumi, F. Y. 2023. Effect of feeding cinnamon and garlic as an alternative to antibiotic on growth performance and carcass characteristics in broiler. *International Journal of Animal Resources*, Accepted.
6. Rahman, A., Akter, M., Islam, M. S., Rahman, A., Biswas, L. and **Asaduzzaman, M.** 2023. Lactic acid bacteria in fermented dairy products and their beneficial effects. *Journal of Sher-e-Bangla Agricultural University*, 13(1), Accepted. (**Corresponding author**)
7. Naim, Z., **Asaduzzaman, M.**, Akter, M. and Islam, M. S. 2023. Impact of climate change on livestock production in Bangladesh - A review. *Bangladesh Journal of Animal Science*, 52(1), 1-14. (**Equal contribution**)
8. Sah, O. S., Wasef, A., Abdullah, S. M., Hassan, M., **Asaduzzaman, M.** & Mohanta, U. K. 2022. Epidemiological survey on gastrointestinal parasites of cattle at Manoharganj upazila of Cumilla district, Bangladesh.. *Pakistan J. Parasitol.*, 73; 5-10.
9. Akter, M., **Asaduzzaman, M.** & Amy, B. F. 2022. Quality assessment of meat products available in different companies in bangladesh. *Journal of Agriculture and Veterinary*

Science, accepted article

10. Akter, M., **Asaduzzaman, M.** & Islam M. S. 2022. **Effects of Probiotics and Prebiotics on Growth Performance of Commercial Broiler**. Iranian Journal of Applied Animal Science, 13(1).
11. **Asaduzzaman, M.**, Ohya, M., Kumura, H., Hayakawa, T., & Wakamatsu, J. 2020. Searching for high ZnPP-forming edible bacteria to improve the color of fermented meat products without nitrite/nitrate. *Meat Science*, 165, 108109.
12. Hossain, M. M., **Asaduzzaman, M.**, Asad, L.Y., **Akter, M.** & Rahman A.N.M.I. 2016. Use of black cumin in layer diet as cholesterol lowering agents in egg yolk. *International Journal of Animal Resources*, 1(1), 61-68.
13. Rahman, A., **Asaduzzaman, M.**, Akter, M., Hassan, M.N., Ali M.M. 2016. Preparation of dahi from skim milk incorporating apple juice. *International Journal of Animal Resources*, 1(2), 1- 8.
14. Akter, M., **Asaduzzaman, M.**, Hossain M. M. & Asad, L.Y. (2015). Utilization of urea and urease treated rice straw by indigenous growing cattle. *Iranian Journal of Applied Animal Science*, 5(3), 529-535.
15. Prodhan, M. M. R., Ali, M. A., Akter, M., **Asaduzzaman, M.** & Kanak, M. A. R. 2013. Selection response on productive performance of meat type sire and dam lines of chicken. *Bangladesh Journal of Progressive Science & Technology*, 11(2), 161-166.
16. Akter, M., Khan, M. J., Akbar, M. A. & **Asaduzzaman, M.** 2013. Improving quality of rice straw through treatment with urea and midden soil for large animals. *Journal of Animal Science*, 42(1), 29-34.
17. Roy, M. K., Islam, M. N., Akter, M. & **Asaduzzaman, M.** 2012. Determination of quality of milk powder available in local market of Bangladesh. *Bangladesh Journal of Progressive Science & Technology*, 10(2), 155-158.
18. Islam, M. N., Akter, F., Masum, A. K. M., Khan, M. A. S. and **Asaduzzaman, M.** 2010. Preparation of Dahi for diabetic patient. *Bang. J. Anim. Sci.* 39(1 & 2): 144-150.
19. **Asaduzzaman, M.**, Islam, M. N., Masum, A.K.M., Khan, M. A. S. and Amanullah, M. 2011. Physicochemical properties of different packaged fluid milk available in Bangladesh. *Bangladesh J. Prog. Sci & Tech.* 9(2): 161-164.
20. Roy, M. K., Islam, M. N., Akter, M. and **Asaduzzaman, M.** 2012. Determination of quality of milk powder available in local market of Bangladesh. *Bangladesh J. Prog. Sci & Tech.* 10(2): 155-158.
21. Alam, M. S., Rashid, M. H., Uddin, M. E., **Asaduzzaman, M.** 2012. Effect of supplementation of fish meal on growth and reproductive performance of crossbred heifers. *J. Bangladesh Agril. Univ.* 10(2): 261-266

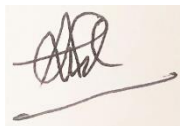
List of conference paper

1. **Asaduzzaman, M.**, Akter, M., Hayakawa, T., Kumura, H., & Wakamatsu, J. (2019). Isolation of environmental bacteria having potential ability to form ZnPP in meat products. 65th International Congress on Meat Science and Technology (ICoMST), Kongress hotel, Potsdam,

Germany, August 04-09, 2019, pp. 111-114.

2. Akter, M., **Asaduzzaman, M.**, Hayakawa, T., Kumura, H., & Wakamatsu, J. (2019). The contribution of myoglobin to form ZnPP at pH 4.75 in pork. 7th Congress of Hokkaido Society of Livestock and Grassland Science, Nakashibetsu, Hokkaido, September 01-02, 2018, pp. 25.
3. **Asaduzzaman, M.**, Akter, M., Hayakawa, T., Kumura, H., & Wakamatsu, J. (2018). Isolation of lactic acid bacteria from environment having potential ability to form ZnPP in meat product. 7th Congress of Hokkaido Society of Livestock and Grassland Science, Nakashibetsu, Hokkaido, September 01-02, 2018, pp. 24.
4. Akter, M., Honma, F., **Asaduzzaman, M.**, Hayakawa, T., Kumura, H., & Wakamatsu, J. (2018). Two optimum pH for zinc protoporphyrin IX formation exist in pork. 64th International Congress on Meat Science and Technology (ICoMST), Grand Hyatt, Melbourne, Australia, August 12-17, 2018.
5. **Asaduzzaman, M.**, Ohya, M., Akter, M., Hayakawa, T., Kumura, H., & Wakamatsu, J. (2018). Searching for high ZnPP-forming bacteria for application to meat products. 64th International Congress on Meat Science and Technology (ICoMST), Grand Hyatt, Melbourne, Australia, August 12-17, 2018.
6. **Asaduzzaman, M.**, Hayakawa, T., Kumura, H., & Wakamatsu, J. (2018). Isolation and identification of bacteria from environment having high ZnPP-forming ability. 124th Annual Meeting of Japanese Society of Animal Science (JSAS), The University of Tokyo, Tokyo, Japan, March 27-30, 2018, pp. 161.
7. Akter, M., Honma, F., **Asaduzzaman, M.**, Hayakawa, T., Kumura, H., & Wakamatsu, J. (2017). Behavior of ZnPP formation at a new optimal pH 4.75 in pork. 6th Congress of Hokkaido Society of Livestock and Grassland Science, Shintoku, Hokkaido, Japan, September 02-03, 2017.

Date: 27.06.2024



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