

## Curriculum Vitae (CV)

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### Work Experience

19-12-2023 to Present	<b>Lecturer</b> Dept. of Animal Production and Management, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh
01-07-2019 to 30-06-2023	<b>Research Assistant</b> Dept. of Animal Production and Management, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh
01-04-2023 to 05-04-2023 (5 days), 13-04-2021 to 07-05-2021 (25 days), 27-09-2019 to 08-10-2019 (12 days)	<b>Data Enumerator</b> Organization: Food and Agriculture Organization (FAO) Projects: 1. Addressing Food Safety on the Meat Value Chain in Dhaka 2. An Assessment of the CST Intervention on COVID-19 in DNCC 3. Addressing Feed Shortages through Exploration of Unconventional Feed Resources for Accelerated Livestock Development in Bangladesh

### Education

30-06-2021	<b>Master of Science: Animal Science</b> Sher-e-Bangla Agricultural University - Dhaka, Bangladesh <ul style="list-style-type: none"><li>• <b>3.91/4 CGPA (first merit position)</b></li><li>• Thesis Title: <b>Comparison of Qualitative and Quantitative Characteristics of Oocytes between Cattle and Buffalo</b></li></ul>
31-12-2018	<b>Bachelor of Science: Veterinary Science and Animal Husbandry</b> Sher-e-Bangla Agricultural University - Dhaka, Bangladesh <ul style="list-style-type: none"><li>• <b>3.88/4 CGPA (second merit position)</b></li></ul>

### Awards and Fellowship

- Dean's Awards [2015, 2016, 2018]; NST fellowship [2020], Ministry of Science and Technology, Bangladesh

### Publications

1. Datta Diganta Kumer, **Naim Zannatul**, He Jiangfeng, Kabir Md. Soleyman, Begum Maksuda, Rahman Abdur, Asaduzzaman Md., Ashad Kabir Muhammad, Islam Md. Saiful. Assessment of market variability, quality and food safety parameters of chicken eggs: a data-driven approach. Food Analytical Methods (under review).

2. Islam Md.S, Profik AS, Zannat Mst.A, **Naim Zannatul**, Kabir Md.E, Asaduzzaman Md., and Akter M (2024). Using tannery wastes in poultry feed: a matter of concern for safe poultry production in Bangladesh. *Online J. Anim. Feed Res.*, 14(1): 1-12. <https://dx.doi.org/10.51227/ojafr.2024.1>

3. **Naim, Zannatul.**, Islam, Md Saiful., Kabir, Md Enayet. & Asad, Lam Yea. (2023). A comparative study of oocyte between native cattle and buffalo species in Bangladesh: a qualitative and quantitative approach. *Turkish Journal of Veterinary and Animal Sciences*, 47(2): 146-154. <https://doi.org/10.55730/1300-0128.4279>

4. **Naim, Zannatul.**, Asaduzzaman, Md., Akter, Mofassara. & Islam, Md Saiful. (2023). Impact of climate change on livestock production in Bangladesh - A review. *Bangladesh Journal of Animal Science*, 52(1): 1-14. <https://doi.org/10.3329/bjas.v52i1.65311>

5. Azad, S., Ahmed, S., Biswas, P., Mia, M., Farjana, M., Arshe, F., Mily, S., Ankhi, A., Shaikat, M., Sultana, S., Mawa, K., **Naim, Z.**, Rahman, M. & Kim, B. (2022). Quantitative analysis of the factors influencing IDA and TSH downregulation in correlation to the fluctuation of activated vitamin D3 in women. *Journal of Advanced Biotechnology and Experimental Therapeutics*, 5(2): 320. <https://doi.org/10.5455/jabet.2022.d118>

6. Islam, S., Farjana, M., Uddin, M., Akter, S., Jabin, A., Nafisa, H., Siraji, S., Morshed, A., Rimti, F., **Naim, Z.**, Sakib, M., Sarker, P., Naznin, S., Alam, H., Ema, T., Siddiquy, M. & Rahman, M. (2022). Molecular identification, characterization, and antagonistic activity profiling of *Bacillus cereus* LOCK 1002 along with the in-silico analysis of its presumptive bacteriocins. *Journal of Advanced Veterinary and Animal Research*, 9(4): 663. <https://doi.org/10.5455/javar.2022.i635>

7. Kabir, Md Enayet., Islam, Md Saiful., Dadok, Falguni., Islam, Md Rashedul., Rahman, Al-Nur Md Iftakhar. & **Naim, Zannatul**. (2021). Influence of season on the ovarian biometry, oocyte yield and quality in buffaloes. *Asian Journal of Research in Animal and Veterinary Sciences*, 8(4):152-158. <https://www.researchgate.net/publication/356635120>

## Projects

Periods	Projects
01-01-2024 to Ongoing	<p><b>1. Study on Processing and Utilization of Restaurant Food Refusal in Poultry Ration</b></p> <p>Responsibilities included research proposal preparation, questionnaire preparation, giving training to the enumerators, monitoring survey, sample preparation, conducting lab work, data curation, analysis, and visualization, and main article writing</p>
01-07-2023 to 30-06-2024	<p><b>2. Impact of Various Slaughter Weights of Broilers Sold in Different Retail Markets on Carcass Characteristics and Meat Quality</b></p> <p>Responsibilities included planning, supervising, lab work, data analysis, and scientific writing</p>
01-07-2022 to 30-06-2023	<p><b>3. Present Status and Quality Evaluation of Chicken Feed Manufactured in Registered and Unregistered Feed Mills at Dhaka Division of Bangladesh</b></p> <p>Responsibilities included data analysis, and article writing</p>

01-07-2021 to 30-06-2022	<p><b>4. Current Scenario of Using Tannery Waste in Poultry Feed and Assessment of Quality and Health-Hazardous Substances in Tannery Waste Mixed Feed: An Issue for Safe Food Production</b></p> <p>Responsibilities included data analysis and visualization, and article writing</p>
01-07-2021 to 30-06-2022	<p><b>5. Assessment of grading quality and health-hazardous substances in chicken eggs collected from different markets in Dhaka city</b></p> <p>Responsibilities included supervising students in their lab work and data analysis, and scientific writing</p>
01-07-2020 to 30-06-2021	<p><b>6. Influence of season on the morphometry of ovaries, follicles and oocytes of buffaloes</b></p> <p>Responsibilities included sample collection and preparation, and lab work such as morphometric assessment of oocytes.</p>
01-07-2019 to 30-06-2021	<p><b>7. Comparative Morphometric Assessment of Oocytes in Four Farm Animals (Cattle, Buffalo, Goat, Sheep) in view of Embryo Production In Vitro</b></p> <p>Responsibilities included planning, sample collection and preparation, lab work, data analysis and visualization, and article writing</p>

#### Skills, Software and Tools

R-programming (basic), SPSS, Zotero, EndNote, Kobo Toolbox, NVivo, LaTeX, MS Word, MS Excel, MS PowerPoint Presentation, AI Tools such as Heuristica, Scispace, Perplexity.ai, PaperDigest, Consensus, Gamma AI, Inciteful.xyz, Personal website.

#### Language

**English – IELTS (Academic) Score: 7.5 [Listening: 8.5, Reading: 7.5, Writing: 7, Speaking: 6.5]**

[Test Date: 29th June, 2024]

#### Poster Presentations

**1.** Islam, Md Saiful., Diganta Kumer, Datta., **Naim, Zannatul.**, Jiangfeng, He., Kabir, Md Soleyman., Begum, Maksuda., Rahman, Abdur., Asaduzzaman, Md., Kabir, Muhammad Ashad. (2024). A Comprehensive Study on Quality Assessment of Chicken Eggs Sold in Markets: A Concern for Fake Eggs and Food Safety Issues in Bangladesh. 23rd SCAC: Fourth Industrial Revolution and Future Society, Dhaka, Bangladesh.

**2.** Islam, Md Saiful., Kabir, Md Soleyman., **Naim, Zannatul.**, Kabir, Muhammad Ashad., Datta, Diganta Kumer., Asaduzzaman, Md. (2024). Study on storage environment on quality and presence of health-hazardous elements in chicken eggs collected from different markets. Celebration of National Food Safety Day. Bangladesh Food Safety Professionals, IUBAT, Dhaka, Bangladesh.

**3.** Islam, Md Saiful., Protik, Ankur Sarker., Zannat, Mst Arefatul., Kabir, Md Enayet. and **Naim, Zannatul.** (2022). Scenario of tannery wastes utilization in relation to its use in poultry feed in Bangladesh: A food safety perspective. Celebration of National Food Safety Day. Bangladesh Food Safety Professionals, SAU, Dhaka, Bangladesh.

#### Training, Workshops & Online Courses

1. Pedagogy Training Programme on Innovations in Agriculture and Pesticide Management. 2024. Sher-e-Bangla Agricultural University and the Food and Agriculture Organization (FAO)

2. Addressing Food Safety on Meat Value Chain in Dhaka. 2023.

Sher-e-Bangla Agricultural University and the Food and Agriculture Organization (FAO)

3. Enumeration of Quantitative Study on "An Assessment of the CST Intervention on COVID-19 in DNCC". 2021.

Food and Agriculture Organization (FAO)

4. Addressing Feed Shortage through Exploration of Unconventional Feed Resources for Accelerated Livestock Development in Bangladesh. 2019.

Food and Agriculture Organization (FAO)

5. Role of Behavior in the Evaluation of Animal Welfare Issues. 2023.

International Society for Applied Ethology (ISAE)

6. Second International Dairy Cow Conference. 2024.

Sari Animal Sciences Student Scientific Association

7. AI Tools for Academic Research. 2024.

ABCD Laboratory Bangladesh

8. Research Course: Basic to Advance. 2021.

Research Help Bangladesh

9. Writing in the Sciences. 2021.

Coursera

10. Poster Formatting and Presentation in Conferences. 2021.

Research Learning Counter

11. Drug Design: Desktop to Publication. 2022.

ABCD Laboratory Bangladesh

12. Hands on Training on "Outcome Based Education Curriculum for B.Sc. Ag. (Hons.)". 2024.

Sher-e-Bangla Agricultural University

## References

- **Prof. Dr. Md. Saiful Islam**

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