

**SHANAZ ALAM SUNNY**  
Researcher | Lecturer of Animal Nutrition  
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## EDUCATION

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- **Master of Science (MSc) in Animal Nutrition** | Sher-e-Bangla Agricultural University | 2023  
CGPA: 3.98/4.0
- **Bachelor of Science (BSc) in Veterinary Science and Animal Husbandry** | Sher-e-Bangla Agricultural University | 2019  
CGPA: 3.78/4.0

## RESEARCH INTERESTS

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- Livestock Nutrition, Poultry Nutrition and Feed Formulation
- Rumen Fermentation and Methane Emission Mitigation
- Sustainable Livestock Production
- Gut Microbiota and Phytogenic Modulation

## RESEARCH EXPERIENCE

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- **MSc Thesis Title:** “Effects of Dietary Black Cumin Seed and Turmeric Powder on Performance and Egg Quality in Laying Hens”  
**Funding Source:** Ministry of Science and Technology, Bangladesh (2022-2023)  
**Role:** Designed feeding trials, data collection, statistical analysis, conducted laboratory analyses
- **Project Title:** In Vitro Digestibility and Nutritional Evaluation of Unconventional Feedstuffs in Ruminants  
**Funding Source:** Ministry of Science and Technology, Bangladesh (2025-2026)  
**Role:** Project design, data collection, statistical analysis, conducted laboratory analyses and prepared technical reports.

## ACADEMIC/TEACHING EXPERIENCE

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- Lecturer** | Department of Animal Nutrition, Genetics and Breeding | Sher-e-Bangla Agricultural University | December, 2023 – Present
- Deliver lectures on fundamental nutrition, poultry nutrition, livestock nutrition, feed formulation, feed processing & conservation and ruminant digestive physiology
  - Supervise undergraduate students
  - Conduct laboratory classes on proximate analysis and in vitro digestibility techniques

## PUBLICATIONS

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- Ratan, M., **Sunny, SA.**, Hossain, MM., Akter, M. and Hossain, MI. 2025. Cattle Feeding and Management Practices at Delduar Upazila in Tangail District of Bangladesh. Res. Agric. Livest. Fish. 12(1): 35-44. DOI: <https://doi.org/10.3329/ralf.v12i1.81365>
- **Sunny SA**, Hossain, MM, Akter M, Hossain MI, Ratan M. Individual and Combined Effects of Black Cumin Seeds and Turmeric Powder on Performance and Egg Quality Traits in Laying Hens. Vet Med Sci. 2025 Nov;11(6):e70639. <https://onlinelibrary.wiley.com/doi/10.1002/vms3.70639>
- Hossain, M. M., Tushar, A., Patoary, M. M., **Sunny, S.**, & Hossain, M. I. (2025). Profitability and financial feasibility of using black soldier fly larvae in broiler feed production. Journal of Insects as Food and Feed, 1-10. [https://brill.com/view/journals/jiff/12/5/article-p813\\_3.xml](https://brill.com/view/journals/jiff/12/5/article-p813_3.xml)
- Farzana M., **S. A. Sunny**, M. M. Hossain and M. Akter, 2025. Feeding Practices of Livestock at Jamalpur Sadar Upazilla in Jamalpur District of Bangladesh. Res. Agric. Livest. Fish. 12(3): 437-447. <https://doi.org/10.3329/ralf.v12i3.86265>
- Islam, M. M., Nadia, M. M. A., Islam, M. R., Islam, M. S., **Sunny, S. A.**, Islam, M., Sultana, S., Alam, M. J. 2026. Fowl adenovirus infections: A comprehensive review of prevalence, pathogenesis, diagnosis, control, and economic impact, Poultry Science, 105(4):106565, ISSN 0032-5791. <https://doi.org/10.1016/j.psj.2026.106565>

## AWARDS & FELLOWSHIPS

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- **Dean's Award for Academic Excellence**, Sher-e-Bangla Agricultural University (2017 & 2018)
- **NST Fellowship- MS Level-** Awarded by Ministry of Science and Technology, Govt. of Bangladesh for thesis-based research work, 2022

## SKILLS & TECHNIQUES

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- **Laboratory:** In vitro digestibility trials, feed proximate analysis (moisture, CP, fiber, EE, Ash), microbial culturing, rumen fluid collection & handling (for digestibility trials)
- **Software:** SPSS, microsoft word and microsoft excel
- **Other:** Experimental design, data collection, statistical analysis, scientific writing, public speaking

## REFEREES

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1. Prof. Dr. Md. Mufazzal Hossain

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Sher-e-Bangla Agricultural University, Dhaka-1207  
Email: mhossain.angb@sau.edu.bd

2. Prof. Dr. Mofassara Akter

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