



Dr. Sharmin Sultana Royal

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Address: Village: Kasimari, Post: Kasimari, 9450, Satkhira, Bangladesh (Home) |

Address: Habiganj Agricultural University, 3300, Habiganj, Bangladesh (Work)

ABOUT ME

I am Dr. Sharmin Sultana Royal, a lecturer at Habiganj Agricultural University in the Department of Microbiology and Veterinary Public Health. I hold an MS in Microbiology from Bangladesh Agricultural University and earned my DVM from Patuakhali Science and Agricultural University, where I received the Dean's Merit Award. As a member of the Bangladesh Small Animal Veterinary Association (BSAVA), I run a private pet chamber, providing care for birds, cats, dogs, and other animals. I actively engage in teaching, research, and welfare activities, while also enjoying traveling, cooking, singing, and dancing. I strive to inspire others through dedication and compassion. I have keen on professional development and strongly committed to inspiring young minds with positive engagement, sharing knowledge and skills. However, recently, i am looking for a PhD position in the field of microbiology and/or public health.

WORK EXPERIENCE

20/03/2024 – CURRENT Habiganj, Bangladesh

LECTURER HABIGANJ AGRICULTURAL UNIVERSITY (HAU), HABIGANJ-3300, BANGLADESH

1. Teaching microbiology courses to undergraduate students

- General Microbiology
- Bacteriology
- Virology
- Mycology
- Immunology and Serology
- Publiv Health

2. New generation researcher

Department Microbiology and Veterinary Public Health | **Email** dr_royal@hau.ac.bd | **Website** www.hau.ac.bd

01/09/2023 – CURRENT Habiganj, Bangladesh

CEO, CONSULTANT AND SURGEON DR. ROYAL'S BIRDS AND PET CARE

As the **CEO** and **Pet Doctor** at "**DR. Royal's Birds and Pet Care**" in Habiganj, I provide veterinary care to pet birds and animals while conducting rapid kit tests for bacterial and viral detection. I collect data for research, mentor students through hands-on learning opportunities, and manage operations that create employment for aged and unemployed individuals, fostering both community support and professional growth.

01/10/2022 – 01/03/2023 Satkhira, Bangladesh

VETERINARY OFFICER NOWABEKI GONOMUKHI FOUNDATION

As a "**Veterinary Officer**" at a "**Duck and Sheep Breeding Farm**", I was responsible for overseeing animal health and welfare, managing breeding programs to ensure **genetic quality**, and **monitoring livestock nutrition** and **productivity**. I conducted regular health check-ups, implemented vaccination and deworming schedules, and diagnosed and treated diseases. Additionally, **I provided training to farm staff on proper animal care, biosecurity measures, and disease prevention strategies, ensuring the overall health and efficiency of the breeding operation**. My role required a hands-on approach to improving animal health and productivity while maintaining high standards of veterinary care and farm management.

04/11/2021 – 01/04/2022 Mymensingh, Bangladesh

VETERINARY OFFICER MYMENSINGH PET CARE CENTRE

As a Veterinary Officer at Mymensingh Pet Care Centre, I provided medical care to pets, including diagnosis, treatment, and preventive services, while collecting vital data for my M.Sc. research. **My role combined hands-on veterinary practice with systematic data collection, ensuring accurate research outcomes and quality pet care.**

01/03/2021 – 01/11/2021 Khulna, Bangladesh

VETERINARY MEDICAL OFFICER BIRDS AND PET ANIMAL CLINIC, KHULNA

As a Veterinary Technical Officer at Birds and Pet Animal Clinic, Khulna, I managed diagnosis, treatment, and preventive care for pets and birds, including vaccinations and minor surgeries. I educated owners on animal health and ensured compassionate, high-quality care tailored to each patient's needs.

● EDUCATION AND TRAINING

01/03/2021 – 22/10/2022 Mymensingh, Bangladesh

MS IN MICROBIOLOGY Bangladesh Agricultural University, Mymensingh-2202

- PCR
- Gram's Staining
- Media preparation
- Biochemical test
- Antimicrobial Resistance Testing
- Total Plate Count (TPC)
- Enzyme-Linked Immunosorbent Assay (ELISA)
- Fluorescent Antibody Test (FAT/IFAT)
- Gel Electrophoresis
- Acid-Fast Staining (Ziehl-Neelsen, Kinyoun stain)

Website www.bau.edu.bd | **Field of study** Veterinary | **Final grade** 3.72 out of 4.00 |

Thesis Isolation and Molecular Detection of Antibiotic Resistant Escherichia coli and Staphylococcus aureus from Pet Birds at Mymensingh City Corporation areas, Bangladesh

01/01/2015 – 31/12/2019 Barishal, Bangladesh

DOCTOR OF VETERINARY MEDICINE (DVM) Patuakhali Science and Technology University

RELEVANT COURSES

- Anatomy, Histology and Embryology
- Microbiology and Public Health (Animal Hygiene, Bacteriology, Virology, Immunology & Serology)
- Physiology, Pharmacology and Toxicology
- Pathology
- Parasitology
- Biochemistry
- Medicine (Large & small animal medicine, Avian medicine, Zoo & laboratory animal medicine)
- Epidemiology
- Surgery and Radiology
- Theriogenology & obstetrics
- Animal Science & Animal Production
- Animal Nutrition
- Animal Genetics & Animal Breeding
- Poultry Production (Chicken, Duck, Quail, Pigeon)
- Hides and Skin
- Zoo and Laboratory Animal Management
- Rural Sociology, Livestock Economics & Livestock Marketing Biostatistics

Animal health campaign

- Vaccination
- Disease diagnosis Medication
- Treatment
- Consultation

INTERNSHIP (Six months)

Placement

1. Upazila Livestock Office, Amtali Upazilla, Barguna
2. Bangladesh National Zoo, Mirpur, Dhaka
3. Bangladesh Livestock Research Institute (BLRI), Mohakhali, Dhaka
4. Central Cattle Breeding and Dairy Farm, Savar, Dhaka
5. Central Poultry Farm, Mirpur, Dhaka

6. Central Disease Investigation Laboratory (CDIL), Gulistan, Dhaka
7. Central Veterinary Hospital (CVH), Kazi Alauddin Road, Gulistan, Dhaka
8. Central Goat Farm, Savar, Dhaka
9. Dr. Sagir's Pet Clinic & Research Center, Lalmatia, Mohammadpur, Dhaka
10. Military Farm Savar, Dhaka
11. Rural Development Academy (RDA), Bagura

Internship experience:

- Diagnosis and treatment of zoo animal
- Observing the diet chart and feeding habit of zoo animal
- Acquiring Knowledge about how to prepare and preserve vaccine
- Performing semen collection and evaluation
- Observing the incubation and feed formulation for poultry Disease diagnosis by performing laboratory test.
- Performing several surgery in small and large animal
- Disease diagnosis by performing laboratory test
- Performing surgery at pet animal
- Acquiring Knowledge about how to prepare and packaging of medicine

Website www.pstu.ac.bd | **Final grade** 3.78 out of 4.00 |

Thesis A clinical report on occurrence of Food and Mouth Disease (FMD) at cattle at Amtali Upazilla, Barguna District, Bangladesh

01/07/2012 – 06/2014 Barishal , Bangladesh

HSC (SCIENCE) Barishal Board

Awarded with General Board Scholarship

Website <https://amtaligovtcollege.edu.bd> | **Final grade** 5.00 out of 5.00

01/01/2010 – 01/01/2012 Barishal , Bangladesh

SSC (SCIENCE) Barishal Board

Final grade 4.88 out of 5.00

19/02/2023 – 20/02/2023 Dhaka, Bangladesh

BEEF CATTLE FATTENING IN A COST-EFFECTIVE METHOD BLRI & PKSF

13/11/2024 – 13/11/2024 Habiganj, Bangladesh

OUTCOME BASED EDUCATION AND TEACHING LOAD CALCULATION Habiganj Agricultural university

01/07/2019 – 10/11/2019 Bangladesh

PROFESSIONAL INTERNSHIP PROGRAM

Habiganj, Bangladesh

WORKSHOP ON OUTCOME BASED EDUCATION (OBE) CURRICULUM DEVELOPMENT (UGC'S TEMPLATE)

Habiganj Agricultural University, Habiganj-3300, Bangladesh

Website www.hau.ac.bd

Habiganj, Bangladesh

WORKSHOP ON EFFECTIVE RESEARCH DESIGNING, WRITING AND PUBLISHING Habiganj Agricultural University, Habiganj-3300, Bangladesh

Website www.hau.ac.bd

PUBLICATIONS

2024

[Isolation and Molecular Detection of Antibiotic Resistant Staphylococcus aureus from Pet Birds of Mymensingh City Corporation Areas, Bangladesh](#)

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Sharmin Sultana Royal, Sanzila Hossain Sigma, Md. Nahid Ashraf, Sabrina Sultana Rimi, Samia Affroze, Salauddin Yousup, Jayedul Hassan, Mahbulul Pratik Siddique, Md. Shafiqul Islam

2023

Isolation and Molecular Detection of Antibiotic Resistant Escherichia coli and Staphylococcus aureus from Pet Birds at Mymensingh City Corporation

Oral presentation on the occasion of "The 29 BSVER Internatinal Scientific Conference 2023" organized 'Bangladesh Society for Veterinary Education and Research (BSVER)' at Bangladesh Agricultural University (BAU), Mymensingh

Royal SS, Yousup S, Sigma SH, Ashraf MN, Hassan J, Islam MS*

CONFERENCES AND SEMINARS

25/02/2023 – 26/02/2023 Bangladesh Agricultural University, Mymensingh

The 29th BSVER International Annual Scientific Conference

29/05/2024 – 29/05/2024 Sylhet Agricultural University (SAU), Bangladesh

ISAE Animal Welfare Workshop in Bangladesh

LANGUAGE SKILLS

Mother tongue(s): **BENGALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	C1	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Use of communication programs (Mail, Google Meet, Zoom, Skype) Use of Email (Yahoo Mail, Gmail) | SPSS software satistiche | Proficiency of using computer and internet | Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access | Google Suite (Doc, Slides, Form, Sheet, Drive)

COMMUNICATION AND INTERPERSONAL SKILLS

Public Speaking, Active Listening, Motivator

HOBBIES AND INTERESTS

Reading Books, Listening & watching Music, Watching movies, Cooking, Travelling, Shopping

HONOURS AND AWARDS

2017

Dean's Merit Award – Patuakhali Science and Technology University

Prestigious 'Dean's Award' at undergraduate level

2014

General Board Scholarship – Board of Intermediate and Secondary Education, Barisal

2016

Dean's Merit Award – Patuakhali Science and Technology University

2018

Dean's Merit Award – Patuakhali Science and Technology University

NETWORKS AND MEMBERSHIPS

2015 Patuakhali Science and Technology University (PSTU)

Veterinary Student Association (VSA), PSTU

I am a member of the **Veterinary Student Association, Bangladesh**, and have participated in various training sessions, workshops, seminars, and conferences to enhance my academic and professional expertise.

01/12/2024 – CURRENT Dhaka

Bangladesh Small Animal Veterinary Association (BSAVA)

I am a member of the **Bangladesh Small Animal Veterinary Association (BSAVA)** and have actively participated in numerous training sessions, workshops, seminars, and conferences to enhance my academic and professional skills.

02/08/2022 – CURRENT Dhaka, Bangladesh

Bangladesh Veterinary Council

Registration No. - 7810

15/01/2025 – CURRENT Dhaka, Bangladesh

Bangladesh Society for Veterinary Education and Research (BSVER)

Life member of this professional organization

15/01/2025 – CURRENT Dhaka, Bangladesh

Bangladesh Society for Safe Food (BSSF)

Life member, Membership ID - LM00248

2025 – CURRENT Dhaka, Bangladesh

World's Poultry Science Association (WPSA)

2025 – CURRENT

World Veterinary Poultry Association (WVPA)

Professional Organization

● **SOCIAL AND POLITICAL ACTIVITIES**

2023 – CURRENT Habiganj, Barguna, Mymensingh, Satkhira, and Barishal

Voluntary Work

I have performed voluntary veterinary care in Habiganj, Barguna, Mymensingh, Satkhira, and Barishal, providing free veterinary services to support animal health. **In Habiganj, I also worked as a bridge for women entrepreneurs, empowering them with knowledge and opportunities to ensure financial security.**

● **RECOMMENDATIONS**

Md. Shafiqul Islam Professor

- Renowned professor and researcher of Bangladesh Agricultural University (BAU), Mymensingh
- My MS supervisor

Email shafiqdvm@yahoo.com | Phone (+880) 1717364049

Dr. Jayedul Hassan Co-Supervisor

- I have known her for several years...

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