

## CURRICULUM VITAE

### Contact Details:

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**Associate Professor & Chairman**

Department of Pathology

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### Summary

Associate Professor with more than 15 years of job experience, specializing in teaching and research. Possesses excellent communication, organization and problem-solving skills.

### Working Experiences: From 2006 To Till Now:

Designation	Job description	From	To
Associate Professor	Department of Pathology, Sher-e-Bangla Agricultural University, Dhaka.	May 2022	Till now
Assistant Professor	Department of Pathology, Sher-e-Bangla Agricultural University, Dhaka.	May 2015	May 2022
Lecturer	Department of Pathology, Sher-e-Bangla Agricultural University, Dhaka.	May 2013	May 2015
Veterinary Surgeon	27 <sup>th</sup> BCS, Department of Livestock Services, Ministry of Fisheries and Livestock, Bangladesh.	November 2008	May 2013
Research Associate	Regional Coordination of Avian Influenza Control and Prevention in Asia” funded by FAO at the National reference laboratory for Avian Influenza in BLRI, Savar, Dhaka.	December 2007	October 2008
Scientific Officer	BSE (Bovine Spongiform Encephalopathy) project in the Department of Pathology, BAU funded by Global Capsules Ltd.	January 2006	December 2006

#### **Assigned Duty In Sher-e-Bangla Agricultural University**

- **Chairman**, Department of Pathology (01/09/2022-Till now).
- **Former Chairman**, Department of Pathology (26/07/2015-31/12/2018).

#### **Affiliation With Food and Agricultural Organization (FAO)**

- **Resource Person** in different pedagogy training held at different veterinary faculty in Bangladesh (May 2022 to Till now).
- **Resource Person** in Bangladesh AMR (Antimicrobial Resistant) Response Alliance Program (March 2024 to Till now).

#### **Affiliation With Other Organizations**

- **Resource Person** in Bangladesh Technical Education Board
- **Reviewer of Research Project Proposals (RPP)** under Krishi Gobeshona Foundation (KGF)- BKGET

### Academic Qualification:

#### **1. Doctor of Philosophy (Ph.D) in Veterinary Pathology**

Bangladesh Agricultural University

Year 2019-2023

#### **2. Post graduate diploma (PGD) in Avian Diseases**

Sher-e-Bangla Agricultural University & Ecole nationale veterinaire of Alfort, France

Year 2017

**3. MS in Pathology**

Bangladesh Agricultural University

Year 2006-2007

**4. Doctor of Veterinary Medicine (DVM)**

Bangladesh Agricultural University

Year 2000-2006

**Awards:**

- Awarded as **best poster** presentation on “Design Polymerase Chain Reaction Techniques for the detection and differentiation of PPR, Pox, Orf and FMD disease in clinically infected Black Bengal goats.” 26<sup>th</sup> BSVER Ascon, February 29-01 March 2020 at BAU, Mymensingh, Bangladesh.
- Awarded **Joyeeta (Education and Service category)** from Gazipur district in 2023 organized by the **Ministry of Women and Children Affairs, Government of Bangladesh.**

**Training Experiences:**

<b>Training attended</b>	<b>Organized by</b>
1. Foundation Training (Four months).	Bangladesh Public Administration Training Centre (BPATC), Bangladesh.
2. Training on “Leadership Development” (Three weeks).	National Academy for Planning and Development (NAPD), Bangladesh.
3. Training on “Operation and maintenance of laboratory equipment” (Four days).	HEQEP sub-project, Sher e Bangla Agricultural University.
4. Training on “Disease Control and Prevention and Pedagogic Skills” (Six weeks).	Cummings School of Veterinary Medicine, Tufts University, USA & FAO, Bangladesh.
5. Workshop on Pathology and Avian Diseases (Four days).	Bangladesh Agricultural University-Thomas Foundation, UK.
6. 21st Foundation Training for University Teachers (One month).	University Grants Commission, Bangladesh.
7. Statistical Analysis of Veterinary Research Data (21 days)	Bangladesh Agricultural University
8. Training on “Module Development Workshop on Veterinary Pedagogy and Disease Control” (Five days)	Cummings School of Veterinary Medicine, Tufts University, USA & FAO, Bangladesh.
9. ToT Workshop on Veterinary Pedagogy and Disease Control (Five days)	Cummings School of Veterinary Medicine, Tufts University, USA & FAO, Bangladesh.
10. Training on "Animal disease progression and their diagnosis in the laboratory and field." Duration: 12.02.2024-14.02.2024	Global Health Pathology Network continuous professional development program.
11. 5-day CPD training of trainers (ToT) on AMU/AMR & Adult learning under MPTF project. Duration: 02.03.2024- 06.03.2024	USAID, Fleming Fund, FAO.

**Research Interests:**

Diagnostic Pathology, Vaccine biotechnology, Histopathology, Necropsy diagnosis, Zoonotic and emerging infectious diseases etc.

**List of Published Research Works:**

Sl. No.	Title of the research paper	Published Journal Name and Year	Vol. and Page no.
1	Validation and standardization of designed N gene primer-based RT-PCR protocol for detecting Peste des Petits Ruminants virus in goats.	Journal of Advance Biotechnology and Experimental Therapeutics/ 2022	5(3): 497-509
2	Identification of peste des petits ruminants virus along with co-infecting diseases of goats in Bangladesh.	Journal of Advanced Veterinary and Animal Research/2022	9(3): 463-470
3	Fascioliasis may promote tuberculous infectivity in small ruminants.	Saudi Journal of Biological Sciences/2022	29(10): 103402
4	Pathological investigation and molecular detection of bacterial zoonotic diseases of slaughtered cattle in Bangladesh	Journal of Advance Biotechnology and Experimental Therapeutics/2022	5(2): 257-268
5	Detection of abortifacient infectious agents in clinical cases of Black Bengal goat	Journal of Bangladesh Agricultural University/2022	20(2): 158-166
6	Pathological study and molecular detection of zoonotic diseases in small ruminants at slaughterhouses in Mymensingh, Bangladesh.	Veterinary World/2022	15(9): 2119-2130
7	Zoonotic diseases appeared to be a major hurdle to successful deer farming in Bangladesh.	Veterinary World/2021	14(9): 2462-2472
8.	Mycoplasma Infections in chickens: Isolation, PCR detection, RFLP analysis and Pathology.	Bangladesh Veterinary Journal/2008	42(1-4); 29-37
9.	RAPD Analysis of Locally isolated Salmonella pullorum in Bangladesh	Bangladesh Veterinary Journal/2008	42(1-4); 38-47
10.	Standardization of polymerase chain reaction for the detection of Salmonella gallinarum	Bangladesh Veterinary Journal/2008	42(1-4); 49-58
11.	Development of immunohistochemistry for the detection of PrPsc in bovine brain tissues	Journal of Agricultural University/2007	5(2):327-333
12.	Parasitic gastroenteritis and chemotherapy of various helminthes in sheep in and around Chuadanga Sadar Upazilla	International Journal of Bioresearch/2009	2(1):13-18
13.	Escherichia coli septicemia concurrent with mycotic infection in captive salt water crocodiles in Bangladesh	Korean Journal of Veterinary Services/2012	35(1): 47-52
14.	Active and passive surveillance of bovine spongiform encephalopathy in Bangladesh	Korean Journal of Veterinary Services/2009	32(4): 307-314
15.	Seroprevalence of ovine brucellosis in Bangladesh.	Asian Journal of Medical and Biological Research/2016	2(1): 13-18
16	Genetic evolutionary aspects of Nucleoprotein (N) and Fusion (F) gene of circulating Peste des Petits Ruminants (PPR) virus in Bangladesh.	Journal of Res. Agric. Livest. Fish/2024	11(3): 283-294.
17	Infectivity and molecular epidemiology of Peste des Petits ruminants virus in slaughtered goats at the local	Journal of Advanced Veterinary and Animal Research/2024	11(3): 655

	meat market of Mymensingh division, Bangladesh.		
18	Prevalence and risk factors associated with Peste des Petits Ruminant (PPR) in Jashore, Bangladesh: Prevalence and risk factors associated with PPR in goat.	Journal of Res. Agric. Livest. Fish/2025	2(1): 15-23.
19	Prevalence, Antibiotic Resistance Patterns, and Virulence Factors of Staphylococcus aureus Isolates Associated with Bovine Mastitis in Northern Bangladesh.	Heliyon/2025	11:e42107

### List of Presentations In Seminars/Symposiums/Workshops (During Last 5 Years)

Sl.	Title of Seminar/Symposium/Workshop with Organizer and Place	Topics of Presentation	Date
<u>1.</u>	10 <sup>th</sup> One Health Bangladesh Conference organized by One Health Bangladesh. Place: Dhaka, Bangladesh. Role: Oral presenter.	Identifying diseases of captive spotted deer (Axis Axis) and their zoonotic risk prevailing in Bangladesh.	26-28 November 2019
<u>2.</u>	26 <sup>th</sup> BSVER AsConXXVI organized by Bangladesh Society for Veterinary, Education and Research. Place: Bangladesh. Role: Poster presenter	Design Polymerase Chain Reaction Techniques for the detection and differentiation of PPR, Pox, Orf and FMD disease in clinically infected Black Bengal goats ( <b>Awarded poster</b> )	28 Feb. to 1 March 2020.
<u>3.</u>	26 <sup>th</sup> BSVER AsConXXVI organized by Bangladesh Society for Veterinary, Education and Research. Place: Mymensingh, Bangladesh. Role: Oral presenter	Causes of mortality and Diseases of farm deer with public health importance in Bangladesh.	28 Feb. to 1 March 2020.
<u>4.</u>	5 <sup>th</sup> Young Scientist Congress organized by Bangladesh Academy of Science. Place: Dhaka, Bangladesh. Role: Poster presenter	Molecular identification and characterization of circulating Peste des Petits Ruminants virus (PPRV) using designed Reverse Transcriptase Polymerase Chain Reaction (RT-PCR) protocols with isolation and adaptation of PPRV in Vitro.	25-27 November 2022.
<u>5.</u>	11 <sup>th</sup> One Health Bangladesh Conference organized by One Health Bangladesh. Place: Dhaka, Bangladesh. Role: Poster presenter	Developed RT-PCR protocols using designed primers to detect circulating Peste des Petits Ruminants virus (PPRV) from goats at slaughter houses in Bangladesh.	18-19 October 2023
<u>6.</u>	6 <sup>th</sup> National Scientific Conference on Food Safety and Health organized by Bangladesh Society for Safe Food (BSSF), Date: 02 March, 2024. Role: Poster presenter	Detection and characterization of Peste des Petits Ruminants virus (PPRV) in meat byproducts in slaughtered goats at local meat market of Bangladesh	02 March 2024
<u>7.</u>	30 <sup>th</sup> BSVER AsConXXVI organized by Bangladesh Society for Veterinary, Education and Research. Place: Bangladesh. Role: Poster presenter	Genetic characterization of the field isolates of Peste des Petits Ruminants virus (PPRV) in Vero cell culture.	24-25 February, 2024

**List of Completed Research Project(s) by PI in the Last 5 Years**

Sl.	Title	Duration	Cost (Tk.)	Source of Funding
1	Prevalence of caprine tuberculosis at the abattoir in Dhaka city using pathological and molecular tools.	2022-2023	90000	Research & Development, Ministry of Science and Technology, Bangladesh
2	Pathological investigation of diseases associated with risk factor analysis for zoonosis in broiler and Sonali chickens at live bird market in Dhaka city.	2023-24	175000	Sher-e-Bangla Agricultural University Research System (SAURES)
3	An abattoir based study on sanitary practices for disposal of Hydatid cyst infected organs prevailing in food animals in Dhaka city: A neglected area for zoonosis	2023-24	100000	Research & Development, Ministry of Science and Technology, Bangladesh
4	Patho-histological investigations of meat byproducts of slaughtered ruminants to ensure safe food.	2024-25	200000	Sher-e-Bangla Agricultural University Research System (SAURES)

**List of conducting ongoing research project as PI**

Sl.	Title of Project	Source of Fund	Amount (Tk.)	Expected Date of Completion
1	Identification of public health important diseases in slaughtered animals at Dhaka, Gazipur and Mymensingh city corporations and designing future preventive strategies. 3 years project (2023-2026).	Ministry of Education	1700000	2026-06-30

**Involvement With Professional Organizations:**

- a) Executive Member (2018-2019) and Life member, Bangladesh Veterinary Association.
- b) Executive member (2023-2025) and Life Member (ID. No. 0226), One Health Bangladesh.
- c) Life Member, Bangladesh Veterinary Pedagogy Forum
- d) Life Member, Bangladesh Society for Safe Food
- e) Executive Member (2023-2025), World Veterinary Poultry Association of Bangladesh.
- f) Executive Member (2020-2021), Bangladesh Society for Veterinary Education and Research.
- g) Vice President (2018-2020), The Vet Executive, Bangladesh.
- h) General Member (ID. No.0203-23587), Krishibid Institution of Bangladesh.
- i) General Member (Reg.no. 2302), Bangladesh Veterinary Council.
- j) General Member, Bangladesh AMR Response Alliance group.