

PERSONAL STATEMENT

Veterinary graduate with strong research and clinical skill in animal nutrition, dairy science, parasitology, and One Health. Experienced in diagnostic labs, clinical practice, and international projects such as the FAO Fleming Fund. A confident presenter at conferences and teacher in classroom, able to explain complex information to audience of all levels. I seek to advance my expertise through postgraduate research.

EDUCATION

Bachelor of Veterinary Science and Animal Husbandry (B.V.Sc. & A.H) [2017 – 2022]
(Equivalent to first profession degree in doctor in veterinary medicine, DVM)

Major: Anatomy, Pathology, Microbiology, Medicine, Parasitology, Theriogenology

Minor: Epidemiology and Public health, Statistics, Animal Nutrition, Biochemistry, LPM

Score: 78.3%

Paklihawa Campus, Institute of Agriculture and Animal Science, Tribhuvan University, Nepal

RESEARCH INTERESTS

- Animal Medicine, Feed and Nutrition
- Dairy Science
- One Health and AMR

PROFESSIONAL EXPERIENCES

Senior Veterinary Doctor and Researcher [June 2023 - Present]

Lifeline Veterinary Hospital and Research Center, Sanepa, Lalitpur

- Providing advanced clinical care to animals while leading diagnostic and research initiatives, with a focus on animal health, zoonosis, and AMR.

IEC Materials and Report Design Consultant [March 2, 2025 – March 30, 2025]

Fleming Fund Country Grant II, Nepal

- Designed and developed Information, Education & Communication materials and technical reports to promote responsible antimicrobial use in poultry farming communities.

Enumerator: Anti-Microbial Use Surveillance in Broiler [Dec 2024 – Feb 2025]

Fleming Fund Country Grant II, Nepal

- Collected field data (Using Kobo Toolbox) on farm knowledge & practice, biosecurity and antimicrobial use patterns in poultry farms to support national AMR surveillance efforts.

Data Enumerator, National Agriculture Census [May 2022-July 2022]

Rupandehi District, National Census of Agriculture 2021/22, Central Bureau of Statistics

- Conducted structured surveys and data collection on livestock and crop production to support evidence-based agricultural policy.

INTERNSHIPS

Research Intern, Practical training across leading national institutions: [July 2022-Nov 2022]

- National Cattle Research Program (Chitwan): Artificial insemination, pregnancy diagnosis, silage making, fodder cultivation.
- National Avian Disease Investigation Laboratory (Chitwan): Poultry postmortem, bacterial culture, disease diagnosis, AST.
- Central Veterinary Laboratory (Kathmandu): Fecal exams, gram staining, biochemical tests, AST, blood smear exams.
- Central Referral Veterinary Hospital (Kathmandu): Clinical treatment & surgeries (castration, spaying, wound/fracture management).
- Veterinary Teaching Hospital (Paklihawa): Diagnosis, animal health camps, surgical procedures (cesarean, rumenotomy, tail amputation).

Internship as a Site Instructor [March, 2021 – June, 2021]

Ministry of Land management, Agriculture and Co-operative (MOLMAC), Smart Krishi Project, Rohini Rural Municipality – Rupandehi Nepal

CERTIFIED TRAININGS AND COURSES

One Health Investigations of Outbreaks and Spillover Events [August, 2025]

By Johns Hopkins University, Coursera

Raising awareness on the responsible use of antibiotics in livestock [August, 2025]

FAO eLearning Academy

Triage and Emergency Care of Critical Pets [16th July 2025]

Veterinary Practitioners' Association Nepal, Tripureshwor, Kathmandu

Advances in Anesthesia, Surgery and Imaging in Companion Animals [7th - 12th April 2025]

Nepal Veterinary Council, Kathmandu, Nepal

Introduction to Sustainable Development Goal indicators under FAO custodianship [February, 2025]

FAO eLearning Academy

Sustainability and Economic Value in Supply Chain by The British College [2023]

The British College, Kathmandu, Nepal

Fundamentals of Digital Marketing [2019]

Google Digital Garage, Alphabet Inc.

SKILLS AND QUALIFICATIONS

Lab Skills

Hematology and biochemical assays, Histopathology

Fecal and blood smear examinations, Bacterial culture, gram staining, biochemical tests, and AST

Clinical Skills

Diagnosis and treatment, small and large animal surgeries: castration, spaying, wound/fracture management, cesarean, rumenotomy, tail amputation
Emergency care, therapeutic management, and preventive medicine

Husbandry & Production Skills

Artificial insemination and pregnancy diagnosis in cattle
Silage preparation, fodder cultivation, and feed management, Dairy herd management (machine and hand milking)

Research & Data

Data analysis (IBM SPSS, Q GIS, R-Programing, Python and Microsoft Excel)
Systematic literature review, scientific writing, and presentations
Data collection tools (Kobo toolbox) and basics of outbreak investigation

Digital & Communication Skills

MS Office Suite, Adobe Illustrator, Photoshop, Canva
Social media management and digital marketing, Leadership and team coordination

Languages: Nepali (native), English (fluent), Hindi (fluent)

SOCIAL ENGAGEMENT

General Member, Veterinary Practitioners' Association Nepal (VPAN). [2025- Present]

General Member, Nepal Veterinary Association [2023- Present]

Member, Treasurer, Operation Head and Social Media Coordinator: Youth for Conservation and Sustainable Agriculture [2018-2021]

- Planning and organizing campaigns, street dramas, nature conservation programs, Promoting sustainable agriculture and food security, Management and leadership trainings
- Technical trainings on R stat, Arc GIS, SPSS as a trainee and Digital Marketing, Graphics Designing, Brand awareness, Motion Graphics as an instructor

Chief Marketing Officer, E-Space Multipurpose Private Limited [2020-2021]

- Developing and implementing marketing strategies, Brand Management, Market research and analysis, Advertisement and Promotion
- Networking, Team Management, Economic Analysis and Stakeholder Engagement.

Lecturer/ Instructor, Apple Entrance Preparation, Butwal [2018-2020]

- Physics teacher for medical and paramedical entrance exam appearing students after +2

SCHOLARSHIPS AND AWARDS

- IAAS Research Grant (NPR 72,000), Tribhuvan University (2022–2023)
- Merit Scholarship – Tribhuvan University (2017–2022)
- Merit Scholarship – HSEB, Nepal (Higher Secondary)

RESEARCH AND EXPERIENCE

Bachelor degree thesis paper entitled "PREVALENCE OF BOVINE ANAPLASMOSIS IN SIYARI RURAL MUNICIPALITY, RUPANDEHI DISTRICT, NEPAL"

- Under the supervision of Dr. Nishant Sha, Assistant Professor, HOD, Department of Surgery, Medicine, Epidemiology & Public Health, IAAS, TU
- Purposive sampling with Cross-sectional Study Design
- Blood smear preparation and microscopic examination
- Statistics: Descriptive using Excel and Inferential using SPSS (ANOVA, Chi square test)

Ongoing research entitled "CLINICAL AND HAEMATO-BIOCHEMICAL CHARACTERISTICS OF HYPOTHYROIDISM IN DOGS, PRE AND POST MEDICATION"

INTERESTS

Research and Internships, Leadership and Management, Case Study and Report Writing, Sketch and Painting