



# Agriculture and Forestry University

## Directorate of Research and Extension (DOREX)

### Rampur, Chitwan, Nepal

28<sup>th</sup> August 2024

Ref. No. 28/081/82

Date :

### Announcement: Research and Teaching Assistant for Innovative Approaches to Control Bovine Mastitis in Nepal (UGC funded research)

Institution: Agriculture and Forestry University, Chitwan, Nepal

Location: FAVF, Department of Veterinary Pathology and Clinics, Rampur, Chitwan

Duration: 2 years

Application Deadline: September 3, 2024

Start Date: September 8, 2024

#### About the Position:

The Directorate of Research and Extension at Agriculture and Forestry University (AFU) is seeking a distinguished and driven graduate student, currently enrolled in the PhD program in Veterinary Science at AFU, to contribute to a pioneering research initiative titled, "Innovative Approach to Controlling Bovine Mastitis in Nepal led by Prof. Dr. Pushkar Pal. This ambitious project endeavors to collect and analyze milk and fecal samples, conduct bacterial isolations, and engage in cutting-edge microbiome studies, including metagenomics and next-generation sequencing to explore the molecular dimension of bovine mastitis in Nepal. The ultimate goal is to discover the resistomes and develop groundbreaking alternative tools to combat and prevent bovine mastitis in Nepal. This opportunity calls for a scholar of the highest caliber, dedicated to advancing the frontiers of veterinary science and making a significant impact on animal health in Nepal.

#### Key Responsibilities:

- Conduct independent and collaborative research on innovative methods to control and prevent bovine mastitis.
- Design and implement field studies, laboratory experiments, and data analysis.
- Collaborate with local farmers, veterinarians, and stakeholders to test and refine practical solutions.

#### Qualifications:

- Enrolled in Ph.D. in Veterinary Science at AFU
- Have coauthored the publications in veterinary medicine related filed one Q1 and one Q2 journals in last 2 years.
- Strong background in bovine health, infectious diseases research areas.
- Experience in fieldwork and working with rural communities is highly desirable.
- Ability to work independently and as part of a multidisciplinary team.



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**Benefits:**

- 30000 NRs stipend per month for two years.
- Opportunities for professional development and networking.
- Access to state-of-the-art research facilities and resources.
- Engagement with a dynamic team of researchers dedicated to improving animal health in Nepal.

**How to Apply:**

Interested candidates should submit the following documents to email: [dorex@afu.edu.np](mailto:dorex@afu.edu.np) by 3 September, 2024.

- A detailed CV including a list of publications.
- A proof of PhD enrollment in Veterinary Science at AFU
- A cover letter outlining your research interests and relevant experience.

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Rishi Ram Kattel Ph.D  
Director  
Directorate of Research and Extension  
Agriculture and Forestry University