

Name of the project	Establishment of advance diagnostic laboratory for identification of livestock disease in Western U.P.
Funding agency	Rashtriya Krishi Vikash Yojna (RKVY), Lucknow (U.P.)
Year of start	2018-19
Year of completion	2020-21
Name of PI and Co-PI	Dr. Artee Bhatele
Total budget	291.00 Lakhs

Significant achievements

- Establishment of state of the art Molecular Pathology Laboratory & Clinical Pathology Laboratory.
- Renovation and modernization of the premises for laboratory establishment.
- Procurement of high precision, fully automated equipment and machines for molecular, clinical pathology and histopathology work.
- Procurement of chemicals, glassware, plastic ware and other laboratory essentials for the smooth functioning of the laboratory.
- Haematological study; biochemical assay; urine & electrolyte analysis; serological assay; fluorescent, phase contrast & inverted microscopy with micrometry; molecular diagnosis; gross & histopathological examination of infectious livestock diseases are being carried out.
- The facility developed is being utilized for undergraduate & postgraduate teaching and research.
- Area specific research work pertaining to diseases of equine & swine has been successfully completed. Research on prevalence of bovine and caprine diseases is under progress.