

1. Title of the Project: ***“Molecular prevalence of Haemoprotozoal and rickettsial diseases of Bovine”***

2. Year of start: Feb, 2022

3. Details of project team:

i	Dr. Pankaj Kumar	Asstt. Professor, Department of Veterinary Microbiology
ii	Dr. Vivek Kumar Singh	Asstt. Professor, Department of Veterinary Medicine
iii	Dr. Ajit Kumar	Asstt. Professor, Department of Veterinary Parasitology
iv	Dr. Pallav Shekhar	Asstt. Professor, Department of Veterinary Medicine

4. Annual budget:

Sr. No	Items	1 <sup>st</sup> Year	2 <sup>nd</sup> Year
1.	Plasticwares, Primers, Reagents, SYBR and other miscellaneous expenses	2.50 Lakhs	2.00 Lakhs

5. Objectives:

- Optimization of Real-time PCR based diagnostic for economically important haemoprotozoal and rickettsial diseases of Bovine
- To evaluate the immunodynamics in cattle and buffaloes suffering from Trypanosomosis