

Research:

1. List of Research Projects: Completed & Ongoing

Completed

Sr. No.	Title of the Project	Name of PI/ Major Advisor/ Research Worker	Funding Agency	Total Cost of the project (Rs in Lakh)	Extra-mural (Funding agency)/ Intra-mural	Status (Completed/ Ongoing)	Duration
1.	Qualitative Evaluation of the Silage prepared using <i>Lactobacillus harbinensis</i>	PI: Dr. S. A. Ingle	MAFSU Research Grants	2.00	Intra-mural	Ongoing	01 year
2.	Development of a Species-Specific Assay for Identification of Endangered Wild Canids	Researcher: Barbuddhe Shruti S. Advisor: Dr. S. A. Ingle	M.V.Sc. research			Ongoing	01 year
3.	Expression of VP2 Protein of Feline Panleukopenia Virus for Diagnostic Application in Wild Felids	Researcher: Kolangath Sujit M. Advisor: Dr. S. A. Ingle	Ph. D. research			Ongoing	03 years

2. List of Private Agency Projects: NA

Sr. No.	Title of the Project	Name of PI/ Major Advisor/ Research Worker	Funding Agency	Total Cost of the project (Rs in Lakh)	Extra-mural (Funding agency)/ Intra- mural	Status (Completed/ Ongoing)	Duration
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3. Research Priorities:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers
1.	Development of Diagnostic Tools for Identification/ Detection of Infectious and/ or non-infectious diseases	To develop diagnostic tools	Rapid detection of diseases	Early diagnosis and treatment to prevent economic losses
2.	Development of Molecular Tools for Identification of Different Species of Animals	To identify the species of animals/ animal origin samples using molecular tools	Accurate identification of animal species from unidentifiable samples	Application in molecular forensics
3.	Evaluation and Improvement of the Nutritive Quality of Fermented Fodder	To identify novel inoculums and evaluate the nutritional value of fermented fodder	Find ways to preserve unconventional fodder crops and provide nutritive fodder	Preservation of fodder by fermentation. Improved quality of fermented fodder

4. Thesis:

Master:

Name of Department: Veterinary Biotechnology				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1.	Nagargoje Rekha G.	Phylogenetic analysis of <i>Pseudomonas aeruginosa</i> based on <i>toxA</i> and <i>oprL</i> genes and prediction of their immunogenic epitopes	2024	Dr. Sonal A. Ingle

8. Research Priorities / Thematic areas: Department Wise: Veterinary Biotechnology
Teaching and Research Cell

Sr. No.	Title / Theme
1.	Development of Diagnostic Tools for Identification/Detection of Infectious and/ or non-infectious diseases
2.	Development of Molecular Tools for Identification of Different Species of Animals
3.	Evaluation and Improvement of the Nutritive Quality of Fermented Fodder