

## PROJECTS

### Extramural Projects

S.No.	Name of the Project	Funding Agency	Status
1.	Multiplication and conservation of Haryana Cattle & Bhadawari buffalo through male germplasm by modern technique of artificial insemination.	RKVY	Completed
2.	Quality fodder seed production in the university.	RKVY	Completed
3.	Pashu Gyan Choupal for field health and production intervention.	RKVY	Completed
4.	Establishment of fish seed production unit.	RKVY	Completed
5.	Comparative efficacy of supplementation of herbal liver tonic products on growth & performance in broilers.	Ayurvet Limited Baddi (HP) INDIA	Completed
6.	Comparative efficacy of supplementation of herbal liver tonic on the performance of commercial layers.	Ayurvet Limited Baddi (HP) INDIA	Completed
7.	Clinical trial of brubella stain-19 vaccine.	India Immunological Ltd. Hyderabad	Completed
8.	Collection and testing of diarrheic fecal samples of cattle and buffalo calves for the presence of rotavirus from organized dairy units in Mathura and surrounding areas.	Pfizer Animal Health, Pfizer Pharmaceuticals India-Private Ltd. India	Completed
9.	Toxicological investigation laboratory.	RKVY	Completed
10.	Productivity enhancement program in selected dairy cooperatives of Uttar Pradesh through Implementation of information management system (IMS).	RKVY	Completed
11.	Diploma programme of Livestock Extension and Veterinary Pharmacist	RKVY	Completed
12.	Niche Area – Toxicodynamic studies and impact of environmental pollutants on bovine reproduction with reference to regulatory pathways.	ICAR	Completed
13.	Outreach programme for ethnoveterinary medicine.	ICAR	Ongoing
14.	Outreach programme on zoonotic diseases.	ICAR	Ongoing
15.	AICRP on FMD regional center Mathura.	ICAR	Ongoing
16.	Integrated Indigenous cattle center for conservation and improvement of indigenous milch breeds of cows ( <b>Rashtriya Gokul Mission</b> )	ICAR	Ongoing
17.	Evaluating indigenous medicinal practices for gynecological ailments and its impact in farmers field.	National Innovation Foundation, Dept of Science & Technology, Ahmendabad	Not yet started
18.	Conservation of threatened breeds of livestock on conservation and genetic improvement of muzaffarnagari sheep.	Department of Agriculture, Dairying and Fisheries, Govt. of India(DADF)	Ongoing

19.	A study on state wise yield of meat and byproducts of cattle, buffalo, goat, sheep, pig and poultry.	NRC Meat Hyderabad	Completed
20.	Studies on feasibility of distillery raw of bio-methanated spent wash as animal feed supplement.	Dhampur Sugar Mills.	Completed
21.	Imparting scientific knowledge of animal rearing for better production through technology transfer to livestock owners.	UPCAR	Ongoing
22.	All India network programme on diagnostic imaging and management of surgical conditions in animals (DIMSCA)	ICAR	Ongoing
23.	Identification and characterization of urinary peptides of indigenous cows.	ICAR	Ongoing

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24.	Screening of superficial wound and skin infections in animals for bacterial and mycotic pathogens and their drug sensitivity pattern with special reference to multiple drug resistance against commonly used antimicrobial agents.	University Funded	Completed
25.	Augmentation of estrus and fertility in bovines with special emphasis on cow by mineral and antioxidant supplementation.	University Funded	Completed
26.	Effect of mist cooling and bathing during summer stress in lactating cattle VIS-À-VIS Buffalo	University Funded	Completed
27.	Establishment of Azollo Demonstration Unit of DUVASU, Mathura and effect of Azollo Supplementation on the performance of growing cattle.	University Funded	Completed
28.	Assessment of Macro and Micro Mineral Profile in blood and feeds of farm animals.	University Funded	Completed
29.	Studies on Campylobacter in dogs of Mathura, Uttar Pradesh.	University Funded	Completed
30.	Growth performance of cattle supplemented with fortified urea molasses mineral block fed on roughage based diet.	University Funded	Completed
31.	Molecular basis of host immune response in mastatic dairy cows of different production potential, parity and lactation and identification of suitable markers for early diagnosis of subclinical mastitis and development of therapeutics for mastitis	University funded	Completed
32.	Association between interleukin 2 (IL2) and signal transducers and activators of transcription 5A(STAT 5A) genes with milk production trait in Sahiwal and Haryana cattle	University Funded	Ongoing
33.	Association between polymorphism of solute carrier (SLC 27 A1) gene with milk production trait in Sahiwal and Haryana cattle	University Funded	Completed
34.	Modulation of host innate and adaptive immune system effecting production in Sahiwal and Haryana cattle in changing climate scenario.	University Funded	Completed
35.	Development of polyvalent vaccine against cattle mastitis.	University Funded	Ongoing
36.	Development of native whole cell lysate based Elisa kit for trypanosomosis in cattle & buffalo.	University Funded	Ongoing
37.	Effect of supplementation of inorganic and organic form of copper on growth performance nutrient utilization and blood parameters in growing cattle.	University Funded	Completed

38.	Effect of different sources of chromium on growth performance, nutrient utilization and blood biochemical in growing cattle heifers.	University Funded	Completed
39.	Assessment of apoptosis and capacitation like changes in the cryopreserved sperms of cattle and buffalo.	University Funded	Completed
40.	Hematology of the Muzzafarnagri sheep.	University Funded	Ongoing
41.	Molecular characterization and phylogenetic analysis of different isolates of trypanosomes in and around Mathura.	University Funded	Ongoing
42.	Effect of different season on biomarkers of environmental stress, immunity and endocrine variables in indigenous dairy cattle ( <i>Bos indicus</i> ).	University Funded	Completed
43.	Cryoprotective effect of low-density lipoproteins (LDL) in extenders on post thaw semen quality in pure breed Haryana bull.	University Funded	Completed
44.	Deciphering the thermal stress associated deprotonation and DNA compaction in Bull Sperm.	University Funded	Completed
45.	Association of bovine leptin genes polymorphism with production and reproduction traits in primiparous dairy cows.	University Funded	Ongoing
46.	Screening of milk of different breeds for nutritional and health providing components.	University Funded	Ongoing
47.	A comparative pharmacokinetic interaction studies of flunxin and meloxicam with fourth generation cephalosporin (cefquinome) with special reference to bioavailability and dosage regimen in cattle calves.	University Funded	Ongoing
48.	Studies on pre partum administration of antioxidants and anionic salts on curbing production diseases of indigenous transition cows.	University Funded	Ongoing