

| S.No. | Name of the Project | Sanctioned Cost Lacs | Funding Agency | Status |
|-------|--|----------------------|--|---------|
| 1 | Outreach programme for ethnoveterinary medicine. | 80.00 | ICAR | Ongoing |
| 2 | Outreach programme on zoonotic diseases. | 11.50 | ICAR | Ongoing |
| 3 | AICRP on FMD regional center Mathura. | | ICAR | Ongoing |
| 4 | Integrated Indigenous cattle center for conservation and improvement of indigenous milch breeds of cows. (Rashtriya Gokul Mission) | 413.00 | ICAR | Ongoing |
| 5 | All India network programme on diagnostic imaging and management of surgical conditions in animals (DIMSCA) | 288.00 | ICAR | Ongoing |
| 6 | Niche Area – Toxicodynamic studies and impact of environmental pollutants on bovine reproduction with reference to regulatory pathways. | 134.75 | ICAR | Ongoing |
| 7 | AICRP on Nutrition and Physiological approaches for enhancing reproductive performance in cattle and buffalo. | 11.0126 | ICAR | Ongoing |
| 8 | Entrepreneurial promotion by preparation of specimens from fallen animals. | 59.5 | RKVY | Ongoing |
| 9 | Establishment of Environment control chamber and calorimetric unit to enhance the productivity of livestock in scenario of climate change in Uttar Pradesh. | 260.14 | RKVY | Ongoing |
| 10 | Propagation of insemination techniques in goats and establishment of semen bank for enhanced productivity and socio-economic upliftment in state of U.P. | 312.15 | RKVY | Ongoing |
| 11 | Establishment of modernized goat farm for strengthening goat husbandry practices in state of Uttar Pradesh. (Part-I) | 449.11 | RKVY | Ongoing |
| 12 | Establishment of modernized goat farm for strengthening goat husbandry practices in state of Uttar Pradesh. (Part-II) | 163 | RKVY | Ongoing |
| 14 | Demonstration Unit of Silage making and popularization of low cost silage technology for year round fodder availability for small scale farmers. | 90.91 | RKVY | Ongoing |
| 15 | Establishment of small scale feed processing demonstration unit to promote rural youth entrepreneurship. (Part-I) | 236.27 | RKVY | Ongoing |
| 16 | Establishment of small scale feed processing demonstration unit to promote rural youth entrepreneurship. (Part-II) | 190.27 | RKVY | Ongoing |
| 17 | Establishment of referral laboratory for quality evaluation of milk & milk products. | 183.4 | RKVY | Ongoing |
| 18 | Strengthening and modernization of University farm. | 924.02 | RKVY | Ongoing |
| 19 | Strategic control of subclinical parasitism for better animal health and enhanced productivity in Uttar Pradesh. | 124.31 | RKVY | Ongoing |
| 20 | Strengthening of clinical diagnostic and therapeutic facilities at University referral hospital for benefit of farmers and livestock owners. | 225.04 | RKVY | Ongoing |
| 21 | Strengthening of semen analytical laboratory for semen certification and quality assurance of breeding buck semen. (Part-I) | 169 | RKVY | Ongoing |
| 22 | Strengthening of semen analytical laboratory for semen certification and quality assurance of breeding buck semen. (Part-II) | 138.8 | RKVY | Ongoing |
| 23 | Establishment of embryo transfer technology lab and training center (ETT&TC) with ovum pick up – in vitro fertilization (OPU-IVF) facility for indigenous cattle breeds. | 743.51 | RKVY | Ongoing |
| 24 | Evaluation and popularisation of indigenous acaricidal medication against tick infestation in regions of Uttar Pradesh. | 6.38 | NIF | Ongoing |
| 25 | Clinical evaluation of indigenous technologies against mastitis among cattle and buffaloes. | 3.63 | NIF | Ongoing |
| 26 | Evaluation of the efficacy of velgraft / velvert in reconstitutions of surgical wounds in goats. | 5.95 | M/s. Datt Mediproducts Pvt. Ltd. Gurgaon, Haryana | Ongoing |
| 27 | Mechanistic insights into the signal transduction pathways of Progesterone in regulating functional dynamics in bovine and caprine spermatozoa. | 84.989 | GOI, Ministry of Science & Technology, Department of Biotechnology | Ongoing |
| 28 | National Agricultural Higher Education Project-Institutional development plan (NAHEP-IDP) | 2375.28 | ICAR | Ongoing |
| 29 | Wound healing efficacy assessment of ascorbate formulation on large animals (Goat Sheep/Chatters). | 7.25 | INMAS – DRDO | Ongoing |

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|-------|---|----------------------|---|-----------|
| 1 | Multiplication and conservation of Haryana Cattle & Bhadawari buffalo through male germplasm by modern technique of artificial insemination. | 225.00 | RKVY | Completed |
| 2 | Quality fodder seed production in the university. | 145.00 | RKVY | Completed |
| 3 | Pashu Gyan Choupal for field health and production intervention. | 135.00 | RKVY | Completed |
| 4 | Establishment of fish seed production unit. | 143.00 | RKVY | Completed |
| 5 | Toxicological investigation laboratory. | 150.00 | RKVY | Completed |
| 6 | Productivity enhancement program in selected dairy cooperatives of Uttar Pradesh through Implementation of information management system (IMS). | 110.00 | RKVY | Completed |
| 7 | Comparative efficacy of supplementation of herbal liver tonic products on growth & performance in broilers. | 0.69311 | Ayurvet Limited Baddi (HP) INDIA | Completed |
| 8 | Comparative efficacy of supplementation of herbal liver tonic on the performance of commercial layers. | 0.396 | Ayurvet Limited Baddi (HP) INDIA | Completed |
| 9 | Clinical trial of brubella stain-19 vaccine. | 0.299420 | India Immunological Ltd. Hyderabad | Completed |
| 10 | 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. | 0.990 | Pfizer Animal Health, Pfizer Pharmaceuticals India-Private Ltd. India | Completed |
| 11 | Diploma programme of Livestock Extension and Veterinary Pharmacist | 92.00 | RKVY | Completed |
| 12 | A study on state wise yield of meat and byproducts of cattle, buffalo, goat, sheep, pig and poultry. | 5.96 | NRC Meat Hyderabad | Completed |
| 13 | Studies on feasibility of distillery raw of bio-methanated spent wash as animal feed supplement. | 5.00 | Dhampur Sugar Mills. | Completed |
| 14 | Imparting scientific knowledge of animal rearing for better production through technology transfer to livestock owners. | 14.814 | UPCAR | Completed |
| 15 | Conservation of threatened breeds of livestock on conservation and genetic improvement of muzaffarnagari sheep. | 79.66 | Department of Agriculture, Dairying and Fisheries, Govt. of India(DADF) | Completed |
| 16 | Identification and characterization of urinary peptides of indigenous cows. | 39.86 | ICAR | Completed |
| 17 | Effect of supplementing herbal digestive stimulant with probiotics on <i>in vitro</i> rumen fermentation and performance of growing indigenous heifers. | 4. 24,920 | Indian Herbs Specialities Pvt. Ltd. | Completed |
| 18 | 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. | 0.75 | University Funded | Completed |
| 19 | Augmentation of estrus and fertility in bovines with special emphasis on cow by mineral and antioxidant supplementation. | 3.30 | University Funded | Completed |
| 20 | Effect of mist cooling and bathing during summer stress in lactating cattle VIS-À-VIS Buffalo | 0.75 | University Funded | Completed |
| 21 | Establishment of Azollo Demonstration Unit of DUVASU, Mathura and effect of Azollo Supplementation on the performance of growing cattle. | 1.26 | University Funded | Completed |
| 22 | Assessment of Macro and Micro Mineral Profile in blood and feeds of farm animals. | 0.90 | University Funded | Completed |
| 23 | Studies on Campylobacter in dogs of Mathura, Uttar Pradesh. | 1.00 | University Funded | Completed |
| 24 | Growth performance of cattle supplemented with fortified urea molasses mineral block fed on roughage based diet. | 2.3443 | University Funded | Completed |
| 25 | 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. | 4.92 | University funded | Completed |
| 26 | 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 | 2.10 | University Funded | Completed |
| 27 | Association between polymorphism of solute carrier (SLC 27 A1) gene with milk production trait in Sahiwal and Haryana cattle | 1.45 | University Funded | Completed |
| 28 | Modulation of host innate and adaptive immune system effecting production in Sahiwal and Haryana cattle in changing climate | 2.97 | University Funded | Completed |

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| | scenario. | | | |
| 29 | Development of polyvalent vaccine against cattle mastitis. | 1.50 | University Funded | Completed |
| 30 | Development of native whole cell lysate based Elisa kit for trypanosomosis in cattle & buffalo. | 1.00 | University Funded | Completed |
| 31 | Effect of supplementation of inorganic and organic form of copper on growth performance nutrient utilization and blood parameters in growing cattle. | 1.00 | University Funded | Completed |
| 32 | Effect of different sources of chromium on growth performance, nutrient utilization and blood biochemical in growing cattle heifers. | 1.00 | University Funded | Completed |
| 33 | Assessment of apoptosis and capacitation like changes in the cryopreserved sperms of cattle and buffalo. | 1.00 | University Funded | Completed |
| 34 | Hematology of the Muzzafarnagri sheep. | 0.50 | University Funded | Completed |
| 35 | Molecular characterization and phylogenetic analysis of different isolates of trypanosomes in and around Mathura. | 1.75 | University Funded | Completed |
| 36 | Effect of different season on biomarkers of environmental stress, immunity and endocrine variables in indigenous dairy cattle (Bos indicus). | 3.00 | University Funded | Completed |
| 37 | Cryoprotective effect of low-density lipoproteins (LDL) in extenders on post thaw semen quality in pure breed Haryana bull. | 1.00 | University Funded | Completed |
| 38 | Deciphering the thermal stress associated deprotonation and DNA compaction in Bull Sperm. | 2.00 | University Funded | Completed |
| 39 | Association of bovine leptin genes polymorphism with production and reproduction traits in primiparous dairy cows. | 1.50 | University Funded | Completed |
| 40 | Screening of milk of different breeds for nutritional and health providing components. | 1.50 | University Funded | Completed |
| 41 | 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. | 1.50 | University Funded | Completed |
| 42 | Studies on pre partum administration of antioxidants and anionic salts on curbing production diseases of indigenous transition cows. | 1.50 | University Funded | Completed |
| 43 | To determine physic-chemical properties of urine of indigenous cows. | 0.67621 | University Funded | Completed |

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 (Rashtriya Gokul Mission) | 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 |

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| 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 |

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