

**AAU R & D PROJECTS IMPLEMENTED UNDER THE DIRECTORATE OF RESEARCH (VETERINARY), AAU, KHANAPARA**

<b>Sl. No.</b>	<b>Name of the Project</b>	<b>Name(s) of PI and Co-PI</b>	<b>Date of Implementation</b>	<b>Total Budget</b>
1.	Climate resilient goat kid production through assisted reproductive technology	Dr. Champak Barman, Asst. Professor, Dept. of Veterinary Physiology, CVSc, AAU, Khanapara	01.04.2022	13,98,050.00
2.	Antibody engineering to develop rapid and cost-effective diagnostics for detection of canine distemper virus (CDV) and canine parvovirus (CPV) infections	Dr. Dipak Deka, Associate Professor, Dept. of Animal Biotechnology, CVSc, AAU, Khanapara	01.04.2022	25,00,000.00
3.	Development of a pheromone based spray for enhancing reproductive efficiency of dairy cattle of Assam	Dr. Manjyoti Bhuyan, Associate Professor, Dept. of Animal Reproduction Gynaecology & Obstetrics, CVSc, AAU, Khanapara	01.04.2022	10,12,170.16
4.	Biotechnological interventions for improving the nutraceutical value of agro-industrial by-products to enhance its utilization in ruminants.	Dr. Papori Talukdar, Asst. Professor, Dept. of Animal Nutrition, CVSc, AAU, Khanapara	01.04.2022	24,81,600.00
5.	Development of designer eggs for boosting layer industry and entrepreneurship development in North-east region	Dr. Reema Saikia, Associate Professor, Dept. of Poultry Science, CVSc, AAU, Khanapara	01.04.2022	24,91,000.00
6.	Capacity building and doubling the income of the local pig rearers through assisted reproductive technology in the North Bank of Brahmaputra	Dr. Arunoday Das, Asst. Professor, Dept. of Animal Reproduction Gynaecology & Obstetrics, LCVSc, AAU, North Lakhimpur	01.04.2022	25,00,000.00
7.	Study on chemical biology approach for early detection of pregnancy in pigs	Dr. Sanjib Borah, Associate Professor, Dept. of Veterinary Physiology, LCVSc, AAU, North Lakhimpur	01.04.2022	24,88,000.00
8.	Development of a polyherbal for control of tick infestation of Goats	Dr. Deepa Lahkar, Asst. Professor, Dept. of EPM, CVSc, AAU, Khanapara	01.04.2023	5,50,879.00
9.	A novel composition of enrich banana silage as non-conventional feed for cattle.	Dr. Dipak Kr Sarma, Associate Professor, COH&FRS, Nalbari	01.04.2023	3,71,428.00
10.	Development of a marketable probiotic Consortium for poultry	Dr. Luitmoni Barkalita, Asst. Professor, Dept. of ABT, CVSc, AAU, Khanapara	01.04.2023	2,10,000.00
11.	Development of a cost effective peptide based Indirect ELISA for sero-monitoring of African Swine Fever	Dr. Lukumoni Buragohain, Asst. Professor, Dept. of ABT, CVSc, AAU, Khanapara	01.04.2023	3,50,000.00
12.	Development of a rapid diagnostic kit for early detection of bovine uterine infection in field condition	Dr. Manjyoti Bhuyan, Associate Professor, Dept. of ARGO, CVSc, AAU, Khanapara	01.04.2023	2,50,000.00

13.	Development of a portable neonatal intensive care unit for newborn puppies	Dr. Manna Baruti, Asst. Professor, Dept. of ARGO, CVSc, AAU, Khanapara	01.04.2023	5,86,828.00
14.	Development of a cost effective oral vaccine against necrotic entities.	Dr. Shantanu Tamuli, Asst. Professor, Dept. of Biochemistry, CVSc, AAU, Khanapara	01.04.2023	4,01,731.00
15.	Development of Indigenous point of care diagnostic <i>peste des petits</i> ruminants (PPR)	Dr. Sophia M. Gogoi, Asst. Professor, Dept. of Microbiology, CVSc, AAU, Khanapara	01.04.2023	3,50,000.00
16.	Aquaculture diversification through murrel farming ( <i>Channa striatus</i> ) in cages for enhancing productivity floodplain wetlands ( <i>beel</i> ) of Assam using local feed formulations	Dr. Pabitra Kr. Saharia, Associate Professor, CFSc, AAU, Raha	01.04.2022	24,95,000.00
17.	Refinement and commercialization of Induced breeding, larval rearing and grow out technology of <i>Sperata seenghala</i>	Mr. Sangipran Baishya, Asst. Professor, CFSc, AAU, Raha	01.04.2023	12,99,581.00