

**List of PhD Theses/ dissertations of VPB  
(Veterinary Physiology, Veterinary Biochemistry and Animal Production Physiology)**

S. No.	Scholar	Year	Major Advisor	Title of the Thesis
1	Dharampal Gulati	1972	Dr.O.P.Nangia	Studies on thyroid functions in white leghorn laying hens.
2	S.K.Garg	1978	Dr.O.P.Nangia	Cardiovascular Hemodynamics in buffalo calves.
3	Dr.S.C.Bapat	1981	Dr.O.P.Nangia	Physiological changes influencing digestive behaviour in buffalo.
4	N.K.Dixit	1981	Dr.P.K.Dwarkanath	Levels of serum sex steroids as related to reproductive performance in buffalo bulls.
5	S.C.Talukdar	1982	Dr.P.K.Dwarkanath	Studies on ruminal histamine, tryptamine & tyramine in buffaloes & goat as related to ruminal atony.
6	U.K.Mishra	1985	Dr.P.K.Dwarkanath	Studies on thrombocyte kinetics, fibrinolytic, mechanism and certain biochemical parameters in growing chicks & associated changes in T-2 mycotoxicosis.
7	S.L.Garg	1988	Dr.O.P.Nangia	Manipulation of rumen microbial activities in order to optimize rumen function in buffaloes.
8	Nirmal Sangwan	1992	Dr.A.R.Rao	Physiological responses to supplementations in under feed buffalo calves.
9	A.M.Pandey	1993	Dr.S.P.Aggarwal	Haemato-biochemical & hormonal studies in peripartuient female camels (camelus dromedaries) & their neonates.
10	Meenakshi Gupta	1996	Dr.O.P.Nangia	Factors affecting rumen fermentation microbial mix and microbial production synthesis in the rumen of buffalo calves.
11	Nalini Kataria,	2000	Dr.V.K.Aggarwal	Hormonal and renal regulation of fluid retention in dromedary camel.
12	Meenakshi Relan	2001	Dr.S.K.Garg	Studies on equine chronic gonadotropin (eCG) and development of immunoassay for pregnancy diagnosis in mares.
13	Manoj Kumar	2005	Dr.J.P.Puri	Immune-endocrine interactions in regulation of

				reproductions in bovines
14	Jyotsana Madan	2005	Dr.J.P.Puri	Effect of dietary fluoride levels on rumen eco system & growth in buffaloes.
15	Ashok Kumar	2012	Dr. Meenakshi	Proteomic Analysis of Pregnancy-
16	Rajesh Kumar	2013	Dr. Meenakshi Gupta	Genetic Polymorphism of HSP70, LHR, LEPR Genes and Selective Minerals Status in Postpartum Anestrous Buffaloes.
17	Niharika Mohanty	2013	Dr. Sandeep Gera	Isolation and Characterization of Mesenchymal Stromal Cells Derived from Equine Umbilical Cord Blood.
18	Fozia Shah	2014	Dr. Meenakshi Gupta	Studies on Donor Cells for Production of Cloned Embryos and Their Characterization in Buffalo (Bubalus Bubalis)
19	Mayukh Ghosh	2015	Dr. Nirmal Sangwan	Identification and Characterization of Novel Anti-inflammatory Proteins/peptides from Salivary Glands of Hyalomma Ticks
20.	Surbhi	2019	Dr. Nirmal Sangwan	Exploration of detoxification mechanisms of acaricide resistance in Ixodid ticks
21	Sweety	2021	Dr. Sandeep Kumar	Characterization of antimicrobial peptide genes in Hardhenu cattle
22	Muhammad Abubakar Wakil	2020	Dr. Manoj Kumar Rose	Effect of telomerase activator on telomere length and telomerase activity of somatic cells in buffalo
23	Ramkaran	2020	Dr. Manoj Kumar Rose	Identification of point variations in HSP 90AB1 gene and HSP 27 gene and their association with heat tolerance in Haryana cattle
24	Deeksha	2021	Dr. Sonia Sindhu	Evaluation of Infrared Thermography for Monitoring of Udder Health in Buffaloes