Dr. Vikas Nehra

Designation	**Professor**
	**Department of Veterinary Pathology** College of Veterinary Sciences Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar-125004, Haryana (India) Contact No.: 01662- 256117 (Office); +91-9991117240 (Mob.) Email: drvikasnehra@gmail.com; drvikasnehra@luvas.edu.in
Educational Qualifications	• 2013 Ph.D. (Veterinary Pathology) from LUVAS, Hisar, Haryana (India) • 2007 M.V.Sc. (Veterinary Pathology) from CCSHAU, Hisar, Haryana (India) • 2005 B.V.Sc. & A.H. from CCS HAU, Hisar, Haryana (India)
Employment Details	• Presently holding the Charge of HOD, Dairy Business Management, CODST, LUVAS, Hisar (w.e.f. 21.09.2026 and continuing) • Hold the charge of Head of the Department, Department of Veterinary Pathology (w.e.f. 09.08.2022 to 09-08-2026) • Professor (Stage-V) (03.10.2026 and continuing) • Principal Scientist (Stage-V) (16.12.2024 to 02.10.2026) • Senior Scientist (Stage-IV) (16.12.2021 to 15.12.2024) • Scientist (Stage-III) (16.12.2018 to 15.12.2021) • Scientist (Stage-II) (16.12.2013 to 15.12.2018) • Assistant Scientist/Scientist (25.07.2009 to 15.12.2013)
Research Interests	• Poultry Pathology, Gastro-intestinal Tract Pathology, Respiratory System Pathology, Urinary System Pathology, Toxico-Pathology, Immunohistochemistry and Animal Tumour Pathology
Students Guided	• As Major Advisor: 04 M.V.Sc. • As Member Advisory Committee: 25 students (MVSc. & Ph.D.)
Research Projects Handled/Undergoing	**Work related to the following State Scheme(s): Presently acting as co-investigator of the following two state scheme** • 128-C(a) VPT-1-Development Work: Pathological investigations of the diseases affecting various systems of poultry • 129-C(a) VPT-2--Development Work: Pathological studies of various infectious and non-infectious diseases of Livestock **Externally funded Research Scheme(s) handled: Acted as Cooperating Center PI (CCPIs)from LUVAS for one ICAR-NASF Scheme** • 5536-C(b)-Vety. Patho- 06-ICAR: Development and Evaluation of genetically engineered vaccine candidates for African swine fever, Equine Herpes virus-1 and Equine Influenza (clade 1& 2) **Associated (as Co-PI/Co-Investigator) with following sanctioned research schemes:** • Project No. 4016-C(g)-VPT-4-OA (RKVY): Establishment of a modern pathological laboratory with special reference to animal tumour diagnosis. This project was funded by the Rashtriya Krishi Vikas Yojana (RKVY), New Delhi, and implemented in the Department of Veterinary Pathology. • Project No. 4026-C(g)-VPT-2-OA (RKVY): Establishment of an immunopathological diagnostic laboratory to provide quality diagnostic services to livestock and poultry owners. The project was funded by the Rashtriya Krishi Vikas Yojana (RKVY), New Delhi, and implemented in the Department of Veterinary Pathology. • Project No. 4042-C(g)-VPT-03-OA (RKVY): Strengthening of clinical pathology and post-mortem facilities to provide effective and high-quality diagnostic services to farmers. This project was funded by the Rashtriya Krishi Vikas Yojana (RKVY), New Delhi, and implemented in the Department of Veterinary Pathology. • Project No. 4060-C(g)-VPT-04-O.A. (RKVY): Establishment of an immunohistochemical laboratory and strengthening of the immunotechnology laboratory for the diagnosis of animal and poultry diseases. The project was funded by the Rashtriya Krishi Vikas Yojana (RKVY), New Delhi, and implemented in the Department of Veterinary Pathology. • ICAR Network Project ICAR-AINP (NM): The project titled "Gastrointestinal Pathogens Associated with Neonatal Mortality in Buffalo" is being undertaken under the broader project "Neonatal Mortality in Farm Animals." It is funded by the ICAR Network Project (ICAR-AINP) and implemented in the Department of Animal Biotechnology.

	• RKVY-RAFTAAR Scheme: The project titled "Epidemiological Studies on Pathogens Associated with Swine Mortality and Socio-economic Upliftment of Scheduled Caste Pig Farmers" is funded under the RKVY-RAFTAAR Scheme and implemented in the Department of Veterinary Public Health and Epidemiology. • RKVY Project: The project titled "Establishment of a Mobile Veterinary Clinic Equipped with the Most Advanced Diagnostic and Therapeutic Facilities" is funded by the Rashtriya Krishi Vikas Yojana (RKVY), New Delhi, and implemented in the Department of Veterinary Clinical Complex (VCC).

Publications

Total Research Papers Published: 69 **>8.0 NAAS rating: 01** **6-8 NAAS rating: 09** **4-6 NAAS rating: 45** **< 4.0 NAAS rating:02** **Google Scholar index** **Research Citations: 190** **h-index: 08** **i-10 index: 04**	**Review articles: 02** **Book: 01** **Book chapters: 10** **Chapters in manuals/ compendiums/proceedings: 62** **Teaching/practical/training manuals: 38** **Conference souvenir: 01** **Abstracts: 170** **Reports: 04 (02 *Annual Reports* and 02 *Self-Study Reports*)**	**Popular articles: 06** **Leaflets: 06** **Training Programmes/Courses attended: 20** **Workshops attended: 03** **Seminars/Webinars/Symposia attended: 06** **Conferences/Congresses/Conventions attended: 05** **Summer Schools attended: 01**

Research publications in APA format (Best 10 only)

1. Minakshi, P., Brar, B., Ikbal, Ranjan, K., Singh, I., **Nehra, V.**, & Misri, J. (2019). Jumping of camelid coronavirus in bovines: A report from rural area of Haryana, India. *Vet Sci Res*, 4(3), 000183.
2. Moudgil, A. D., Nehra, A. K., Vohra, S., **Nehra, V.**, & Lather, D. (2023). First record of molecular and pathological investigations of physalopterid larvae infection in northern palm squirrel *Funambulus pennantii*. *Parasitology Research*, 122, 1671–1675.
3. Moudgil, A. D., Nehra, A. K., **Nehra, V.**, Sharma, R., Vohra, S., & Moudgil, P. (2021). Phylogenetics and pathology of hydatid diseases in slaughtered buffaloes of North India. *Acta Parasitologica*, http://doi.org/10.1007/s11686-021-00348-w
4. Sharma, M., Jangir, B. L., Lather, D., Chandratre, G. A., **Nehra, V.**, Jakhar, K. K., & Narang, G. (2021). Study on incidence and pathology of gastrointestinal parasitic infections in *Nilgai Boselaphus tragocamelus* in Hisar, Haryana, India. *Journal of Threatened Taxa*, 13(13), 20124–20127.
5. Sushma, **Nehra, V.**, Shunthwal, J., & Rath, A. P. (2018). Aetio-pathological studies of digestive and respiratory affections in cattle calves. *Indian Journal of Animal Research*, 52(11), 1628–1634.
6. **Nehra, V.**, Vohra, S., Kadian, V., Lather, D., & Sharma, C. (2020). A case of parasitic fibrino-necrotic enteritis in a Rottweiler dog. *Indian Journal of Animal Research*, 10.18805/IJAR.B-415.
7. Sharma, C., **Nehra, V.**, Lather, D., Kumar, A., Chhabra, R., & Narang, G. (2021). Pathomicrobial and molecular investigations of respiratory system diseases affecting buffaloes. *Indian Journal of Animal Research*, DOI: 10.18805/IJAR.B-4500.
8. Pandey, S., Lather, D., Kumar, A., **Nehra, V.**, Jangir, B. L., & Narang, G. (2023). Molecular and immunopathological investigations of Marek's disease in HVT vaccinated chicken flocks. *Indian Journal of Animal Research*, doi:10.18805/IJAR.B5064.
9. Kandpal, D., Sharma, D., Lather, D., **Nehra, V.**, Sharma, M., Jangir, B. L., Sushma, Chandratre, G. A., & Narang, G. (2024). Soil mediated helminthiasis: A study on neglected tropical disease in wild animals in Haryana. *Indian Journal of Animal Research*, 10.18805/IJAR.B-5428.
10. **Nehra, V.**, & Gupta, R. P. (2011). Biochemical and haematological parameters in experimentally hydropericardium syndrome infected broiler chickens supplemented with vitamin E. *Indian Journal of Animal Sciences*, 81, 133–136.

Work Profile

Teaching: - Involved in teaching the courses of 2nd year B.V.Sc. & A.H., MVSc. and Ph.D.
Research: - Apart from as mentioned in above columns, conducting regular post-mortem examination of different species of animals and poultry, regular histopathological and biopsy examination of the tissue samples, involved in providing histopathological, microphotography and fluorescent microscopy services to the students/faculties of other departments/institutes/universities (as per the need), providing the expert clinico-pathological services to the Department of Veterinary Clinical Complex, providing expert services at the time of disease outbreak in the field.
Extension: - Regularly participating in the kisan melas, pashudhan diwas etc. and providing expert guidance for the disease diagnosis and its prevention and control to livestock/ poultry farmers. Also participating as a

	Convener/Member of different committees and attending the regular other Extra-curricular, Co-curricular activities and Conferences/Programmes held by LUVAS, Hisar.
Awards/ Fellowships/ Recognition received	• **2025 (XII SVSBT Convention, LUVAS Hisar):** ✓ **1st Position (Poster):** Organophosphate pesticide poisoning in wild birds. ✓ **1st Position (Poster):** Pathomorphological and molecular investigation of Johne's disease in a sheep. ✓ **2nd Position (Poster):** Chronic renal failure in an adult dog. ✓ **1st Position (Oral):** Artificial Intelligence in Veterinary Oncology. ✓ **2nd Position (Poster):** Comparative effects of IBD vaccines with *E. coli* challenge. • **Best Article Award:** For *"Infectious Bursal Disease: A Silent Threat to Poultry Health"* (*Bio Vet Innovator*, May 2025). • **2024:** ✓ **Best Poster Award:** XLI Indian Association of Veterinary Pathologists Conference (SKUAST-J) on quercetin-loaded chitosan nanoparticles for gastric ulceration. ✓ **3rd Position (Oral):** Pulmonary affections associated with Parainfluenza virus type-3 in ruminants (24th Indian Veterinary Congress, Hisar). ✓ **2nd Position (Poster):** *Taenia taeniaeformis* infection in wild rats. • **2023:** ✓ **3rd Position (Oral):** Soil-mediated helminthiasis in wild animals (XIX IAVPHS Conference, LUVAS Hisar). ✓ **Best Poster Award:** Molecular identification of *Acinetobacter baumannii* in bovines (23rd Indian Veterinary Congress, Anand). • **2007 & 2018:** ✓ **IAVP-Best Poster Award (2018):** *Mycobacterium tuberculosis* and *M. bovis* in cattle/buffalo, Haryana. ✓ **1st Rank (2007):** Poster on *"Animal husbandry as support to agriculture"* at Indian Animal Expo, New Delhi. • **Certificates of Appreciations received:** Served as Course/Training Coordinator for multiple Orientation and Induction Training Programs for newly recruited Assistant Professors/Scientists at DHRM, LUVAS, Hisar (**2019, 2020, and 2021**). • **Scholarships:** Awarded CCSHAU Merit Scholarship during B.V.Sc & A.H. and Merit Stipend throughout the M.V.Sc. program.
Membership of Professional Scientific Societies	• Life member: Indian Association of Veterinary Pathologists (IAVP), Society for Immunology and Immunopathology (SIIP), India, Association of Microbiologists of India (AMI).
Reviewer of Scientific Journals	Indian Journal of Animal Research Indian Journal of Veterinary Pathology Applied Biological Research The Haryana Veterinarian
Any Other (if any)	**Additional University/College Level Main Responsibility Handled (in Past)/Handling presently** • Acted as Nodal Officer (RTI), LUVAS Hisar. • Acted as State Public Information Officer (RTI) O/o Registrar, LUVAS Hisar. • Acted as Associate Editor of the journal "The Haryana Veterinarian" (a biannually published journal). • Acted as Editor of the Quarterly published LUVAS Newsletter (that was published four times in a year). • Acted as Member Secretary, Board of Studies (BOS) of College of Veterinary Sciences, LUVAS, Hisar (w.e.f. 09.08.2023 till 06.08.2026). • Acting as a Nodal Officer for implementation of biometric attendance system for the staff (teaching and non-teaching) and students in the constituent and affiliated private colleges/institutes of LUVAS that are particularly involved in the undergraduate (B.V.Sc. & A.H. course) teaching. • Acting as Nodal Officer (Happiness) for implementation of Mental Health Guidelines in the University of the University vide Registrar office order No. Reg./A-1/2025/4884 dated 22.09.2025. • Acting as Convener/In-charge of Wildlife committee of the University w.e.f. 24.11.2023. • Acting as Member, Students Grievance Redressal Committee (SGRC), LUVAS, Hisar. **Any other** • Qualified Agricultural Scientists Recruitment Board (ICAR) NET in Veterinary Pathology & Parasitology (May 2008). • Registered Veterinary Practitioner with the Haryana Veterinary Council and Veterinary Council of India.