Dr Ankit Kumar

Designation	**Scientist**		
	Haryana Pashu Vigyan Kendra Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS), Karnal -132001 (Haryana) India Mobile: - E-mail: drankitkumar813@gmail.com drankitkumar@luvas.edu.in		
Educational Qualifications	• 2024: Ph.D. Veterinary Medicine, COVS, LUVAS, Hisar, Haryana • 2015: M.V.Sc., Veterinary Medicine, COVS, LUVAS, Hisar, Haryana • 2013: B.V.Sc. & A.H., COVS, LUVAS, Hisar, Haryana		
Employment Details	• LUVAS, Hisar, Haryana; May, 2016 – till-to-date		
Research Interests	• Animal Welfare • Veterinary Clinical Medicine		
Students Guided	• As Major Advisor: 02 M.V.Sc (1 Pursuing and 1 Completed) • As Member Advisory Committee: 1 student		
Research Projects Handled/Undergoing	• Institutional Project - Investigation of alternation in cardiac biomarkers and acute phase protein profile in cattle infected naturally with tropical theileriosis as indicators of Animal Welfare		
Publications	**Total Research Papers Published:** 52 **>8.0 NAAS rating:** >5 **6-8 NAAS rating:** >15 **Google Scholar index** **Research Citations**: 170 **h-index**: 08 **i-10index**: 04	**Books Published:** **Book Chapters:** 10 **Practical/Training Manuals:**	**PopularArticles:** 33 **Gene Sequences Submitted:** 12 **Seminar/ Conference Attended:** 22

	Research publications • Ankit Kumar, Neelesh Sindhu, Tarun Kumar, Biswa Ranjan Maharana, Maneesh Sharma, Pooja Bhyan, Annu Yadav, Ankit Magotra, Shivika Gupta and Sunil Punia. (2026). First multi-domain scientific protocol with physiological markers for assessing cattle welfare in India. *BMC Veterinary Research*, 22: 262. • Ankit Kumar, Neelesh Sindhu, Tarun Kumar, Biswa Ranjan Maharana, Maneesh Sharma, Pooja Bhyan, Annu Yadav, Ankit Magotra, Shivika Gupta and Sunil Punia. (2025). Occurrence of haemoprotozoa in dairy cattle across different animal husbandry setups in Haryana, India. *Indian Journal of Animal Sciences*, 95(5): 375 – 381. • Ankit Kumar, Neelesh Sindhu, Tarun Kumar, Biswa Ranjan Maharana, Maneesh Sharma, Pooja Bhyan, Annu Yadav, Ankit Magotra, Shivika Gupta and Sunil Punia. (2025). Assessing Psychology of Dairy Farmers Toward Animal Welfare and Management in Haryana State, India: A Knowledge Investigation. *Journal of Applied Animal Welfare Science*, 29(3): 406-420.. https://doi.org/10.1080/10888705.2025.2496495. • Biswa Ranjan Maharana, Anita Ganguly, Rashmi Malik, Ankit Kumar, Sujoy Khanna, Binod Kumar, Sandeep Potliya, Harpreet Singh, Aishwarya Dash, Subhasish Sahu. (2026). Comprehensive molecular characterization of Theileria equi: Detection, genetic diversity, and risk factors assessment. *Experimental Parasitology*, 284: 109135. • Annu Yadav, Tarun Kumar, Dinesh Khohal, Pawan Bagri, Ankit Kumar, Neelesh Sindhu, Vinay G Joshi & Babu Lal Jangir. (2025). Comprehensive analysis of Escherichia coli in bovine urinary tract infections: serotypes, antibiotic resistance, and virulence gene profiles. *Scientific Reports*, 15(1): 42339. • Ankit Kumar, Sandeep Potliya, Vipul Thakur, Harpreet Singh, Swati Ruhil, Yogesh Bangar and R S Bisla. (2020). Disorders of forestomach in cattle and buffaloes of Haryana. *Indian Journal of Animal Sciences*, 90 (9): 1229–1233. • Ankit Kumar, Anita Ganguly, Sandeep Potliya, Vipul Thakur, Harpreet Singh, Biswa Ranjan Maharana, Devan Arora and R.S. Bisla. (2019). Haematobiochemical and electrolytes studies on clinical cases of rumen impaction in Murrah buffaloes. *Indian Journal of Animal Research*, 53(4): 533-536. • Rashmi Malik, Biswa Ranjan Maharana, Anita Ganguly, Sukhdeep Vohra, Binod Kumar, Ankit Kumar, Harpreet Singh, Sandeep Potliya, Sujoy Khanna, Subhasish Sahu. (2025). Molecular Epidemiology and Genotypic Diversity of Theileria annulata among Bovines Based Upon Tams1 Gene in India. *Acta Parasitologica*, 70(2): 81. • Ankit Kumar, Neelesh Sindhu, Parmod Kumar, Tarun Kumar, Gaurav Charaya, Surbhi, V.K. Jain and Sridhar (2015). Studies on Incidence and Clinical Vital Parameters in Primary Ketosis of Buffaloes. *Veterinary World*. 8(9): 1083-1087. • Tarun Kumar, Neelesh Sindhu, Gaurav Charaya, Ankit Kumar, Parmod Kumar, Gauri Chandratere, Divya Agnihotri, Rajesh Khurana (2015). Emerging status of Anaplasmosis in Cattle in Hisar. *Veterinary World*. 8(6): 768-771.
IPRs granted	• **Copyright granted**: Copyright registered for the work titled "Cattle Welfare Indicators Module" with the provisions of the Copyright Act, 1957 wide Application No.: 8138/2025-CO/L; Date of ROC: 27/05/2025. • **Copyright granted**: Copyright registered for the work titled " THEILERIA CDSS CLINICAL DECISION SUPPORT SYSTEM" with the provisions of the Copyright Act, 1957 wide Application No.: SW-20885/2026-CO; Date of ROC: 11/06/2026. • **Patent granted**: Patent registered for the design entitled “Pet’s Blood Collection and Transfusion Apparatus” in pursuance of and subject to the provisions of the Design Act, 2000 and the Design Rules, 2001 (Design No. 450524-001; Date of Issue: 07.05.2026).

Awards/ Fellowships/ Recognition received	• VIPM Young Scientist Award – 2025 by Veterinary Internal and Preventive Medicine society • VIPM Appreciation Award – 2024 by Veterinary Internal and Preventive Medicine society • Appreciation Award – 2022 by Association of Mastitis • Corona Warrior award by NGO Gauputra Sena (Regd No. IND/8355) vide serial no. 0166 Dated: 06.07.2020 • Felicitated by Certificate of Recognition for my Key Note Lecture in 13th International Veterinary Congress held from May 02nd – 3rd, 2019 in London, UK. • Awarded by the Scientific and Applied Research Centre, Meerut, India with Associate Scientist Award • >20 Best Oral/Poster Presentation Award in various National/International conferences.
Membership of Professional Scientific Societies	• Life member, Indian Society of Veterinary Medicine (**ISVM**) • Life member, Indian Society of Veterinary Surgery (**ISVS**) • Life member, Indian Society for the Advancement of Canine Practice (**ISACP** • Life member, Indian Society For Buffalo Development (**ISBD**) • Life Member of Veterinary Internal and Preventive Medicine Society • Life Member of Association of Mastitis • Life Member of The Association for the Study of Animal Behaviour • Member of Universities Federation for Animal Welfare
Editorial board of Scientific Journal	• Journal of Animal Research • BMC Veterinary Research Journal
Reviewer of Scientific Journals	• BMC Veterinary Research Journal • The Haryana Veterinarian • Indian Journal of Animal Sciences • Veterinary Record – Case Report
Any Other (if any)	