Dr. Jyotsana

Designation	**Assistant Professor**
	Department of Animal Nutrition College of Veterinary Sciences, Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar -125004 (Haryana) India Phone: 01662-256118 (O) Mobile: +918529964112 E-mail: Jyotsana3khyalia@gmail.com Jyotsanakhyalia3@luvas.edu.in
Educational Qualifications	• 2026: Ph.D., Animal Nutrition, COVS, LUVAS, Hisar • 2018: M.V.Sc., Animal Nutrition, COVS, LUVAS, Hisar • 2016: B.V.Sc. & A.H., COVS, LUVAS, Hisar
Employment Details	• Assistant Professor, Department of Animal Nutrition, COVS, LUVAS: 22.01.2020- continuing • Haryana Veterinary Surgeon, Disease Diagnostic Lab, Charkhi Dadri: 30.09.2018 to 06.01.2020
Research Interests	• Phytogenic Feed Additives and Herbal Nutrition in Poultry • Nutritional Strategies for Improving Livestock Productivity and Nutrient Utilization • Mineral Nutrition and Nutritional Biochemistry in Livestock and Poultry
Students Guided	• As Member Advisory Committee: 03 students

Total Research Papers Published: 20 **6-8 NAAS rating:** 01 **<6 NAAS rating**: 19 **Google Scholar index** **Research Citations**: 30 **h-index**: 03	**Practical/Training Manuals:** 04	**Popular Articles:** 06 **Seminar/ Conference Attended:** 04

Publications

- Jyotsana, Berwal, R. S., Singh, S., Chhikara, S., Sheoran, N., Tewatia, B. S. and Maan, N. S. (2018). Dietary inclusion of Ashwagandha (*Withania somnifera*) root powder on growth performance and metabolizability in broilers. Pharma Innov J. 7(6):425–430.
- Singh, S., Maan, N. S., Rana, V., Jyotsana, Tewatia, B. S. and Sheoran, N. (2018). Effect of dietary inclusion of Giloy (*Tinospora cordifolia*) stem powder on growth performance and metabolizability in broilers. J Ent and Zoo Stud. 6(5):36–40.
- Jyotsana, Maan, N. S., Kumar, A. and Maan, S. (2023). Effects of dietary supplementation of different herbs on relative expression of Toll-like receptors (TLRs) in poultry. Indian J Anim Sci. 93(4):323–330. (NAAS rating 6.30)
- Jyotsana, Kumar, P. and Berwal, R. S. (2019). Evaluation of hematological and serum biochemical response of broiler chicken to Ashwagandha root powder supplementation. Int J Chem Stud. 7(5):1590–1594.
- Meetu, Tewatia, B. S., Jyotsana, Panwar, V. S., Singh, A., and Ritu. (2023). Effect of supplementation of cotton seed oil and its bypass fat on nutrient intake, utilization and growth in goat kids. Indian J Small Rum. 29(2):251–256. (NAAS rating 5.11)
- Shubhnish, Panwar, V. S., Tewatia, B. S. and Jyotsana. (2024). Carcass traits, mineral retention, blood biochemistry and economics of broiler chicken fed inorganic, organic and nano zinc supplemented diets. Indian J Anim Nut. 41(1):169–174. (NAAS rating 5.19)
- Komal, Bidhan, D. S., Amandeep, Jyotsana and Sihag, S. (2024). Effect of Faba bean (*Vicia faba*) as a cheap protein source on body weight of Murrah buffalo. Int J Advan Biochemistry Res. 8(6S): 303–304. (NAAS rating 5.29)

	• Lomror, M., Panwar, V. S., Tewatia, B. S., Sihag, S. and Jyotsana. (2025). Effect of feeding maize oil cake on feed intake, body weight and economics in goat kids. Indian J Anim Nut. 42(1). (NAAS rating 5.19) • Lomror, M., Panwar, V. S., Tewatia, B. S., Sihag, S., Shunthwal, J. and Jyotsana. (2026). Nutrient utilization and energy value of maize oil cake in ration of goat kids. Indian J Anim Nut. 42(3). (NAAS rating 5.19) • Ramsawroop, Maan, N. S., Jyotsana and Sheoran, N. (2026). Assessment of feeding practices and nutritional status of lactating cattle and buffaloes in paddy–wheat growing zone of Haryana. Int J Advan Biochem Res. 10(4):213–217. (NAAS rating 5.29)
Awards/ Fellowships/ Recognition received	• Merit Gold Medal in B.V.Sc & A.H. in 2nd Convocation, LUVAS, 2022 • P. K. Dwarkanath Gold Medal in 2nd Convocation, LUVAS, 2022 • Best Paper Presentation Award in ANSICON-2022 at GADVASU, Ludhiana • Best Poster Presentation Award in ANACON-2023 at DUVASU, Mathura • Best Paper Presentation Award in SVSBT-2025, LUVAS, Hisar
Membership of Professional Scientific Societies	• Animal Nutrition Society of India • Animal Nutrition Association, India • Indian Society of Veterinary and Animal Husbandry Research, India • Haryana Veterinary Council
Reviewer of Scientific Journals	• Veterinary and Animal Science • Haryana Veterinarian
Any Other	• Member, LUVAS Teachers' Association (LUVASTA) • Member of Indian Knowledge System (IKS) Cell, LUVAS