Dr. Sajjan Sihag	
Designation	**Principal Scientist**
	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: +919416355474 E-mail: sihagsajjan54@gmail.com
Educational Qualifications	• 1995: Ph.D. Animal Nutrition, COAS, CCS HAU, Hisar • 1992: M.Sc., Animal Nutrition, COAS, CCS HAU, Hisar • 1988: B. Sc. (HONS) Agriculture, COA, CCS HAU, Hisar
Employment Details	• Principal Scientist & Head, Department of Animal Nutrition, COVS, LUVAS: 07.07.2020-continuing • Principal Scientist, COVS, LUVAS: 08.07.2010 - Continuing • DSW-cum- Estate Officer, LUVAS, Hisar: 07.01.2024 to 06.11.2025. • Dean, CODST, LUVAS- Hisar.: 16.09.2023 to 17.11.2024. • Head, Department of Dairy Chemistry, CODST, LUVAS- Hisar: 29.11.2023 to 17.11.2024. • Head, Department of DBM, CODST, LUVAS- Hisar: 29.11.2023 to 17.11.2024. • Head, Department of Dairy Engineering, CODST, LUVAS- Hisar: 29.11.2023 to 17.11.2024. • Sr. Scientist, Animal Nutrition, COVS, LUVAS- Hisar: 08.07.2004 to 07.07.2010 • Scientist, Animal Nutrition, COVS, LUVAS- Hisar: 07.07.1995 to 07.07.2004
Research Interests	• Ruminants and Non-Ruminants Nutrition.
Students Guided	• As Major Advisor: 8 M.V.Sc. and 5 Ph.D. students • As Member Advisory Committee: 40 students
Research Projects Handled/Undergoing	• ICAR –(NATP) funded project on "Evaluation of locally available feeds and fodders, improvement in their quality and formulation of economic and complete rations for ruminants in irrigated cotton-based system" • RKVY funded Project on "Establishment of Mineral Analysis laboratory: • RKVY Funded Project on "Establishment of Automated Mineral Mixture Manufacturing Plant" • RKVY funded Project on "Sustainable rice straw management through improving its feed value for ruminants"
Publications	**Total Res. Papers Published:** 112 **>8.0 NAAS rating:** 02 **6-8 NAAS rating:**15 **Google Scholar index** **Research Citations**: 501 **h-index**: 10. **i10Index**: 10 **Books Published:** 01 **Book / compendium Chapters:** 10 **Practical/Training Manuals:** 10 **Popular Articles:** 15 **Seminar Delivered:** 11 **Training/Conference Attended:** 10
	• Sihag, S. and Yadav, K.R. (1992). Utilization of proximate nutrients and intake of dry matter as influenced by urea treated cattle waste wheat straw bedding. Indian J. Anim. Sci.: 62(6): 593-594. (NAAS rating 6.30) • Sihag, S. and Singh, B. (1996). In- vitro evaluation of deoiled sunflower cake values in different levels of wheat straw. Indian J. Anim. Res. 30(32): 116- 120. (NAAS rating 6.50) • Sihag, S. and Yadav, K.R. (2007). Effect of higher plane of nutrition on performance of crossbred cattle. Indian J.Anim. Sci (NAAS rating 6.30) • Anil Kumar, G.K., Yadav, K.R., Panwar, V.S. and Sihag, S. (2002). Mustard cake as source

	of dietary protein for growing lambs. Small Ruminant Res. 44: 47-51. (NAAS rating 7.40) • Dahiya, R., Berwal, R.S., Sihag, S., Patil, C.S. and Lalit (2016). The effect of dietary supplementation of salts of organic acid on production performance of laying hens. Vet. World. 9: 1478-1484. (NAAS rating 8.00) • Sheoran, N., Kumar, R., Batra, K., Sihag, S., Maan, S. and Maan, N.S. (2017). Nutrigenomic evaluation of garlic (*Allium satvum*) and holy basil (*Ocimum sanctum)* leaf powder supplementation on growth performance and immune characteristics in broilers. Vet. Word. 10: 121-129. (NAAS rating 8.0) • Kumar, S., Sihag, S., Sihag, Z. S., Patil, C. S., Dhaka, S. S. and Pandey, A.K. (2021). Effect of dietary enrichment with Omega 3 and 6 fatty Acids on blood metabolites, hormone concentration and ovarian function in Sahiwal heifers. Indian J. Anim. Res. DOI:10.18805/IJ AR. (NAAS rating 6.50) • Chalana, G., Sihag, S., Kumar, A. and Magotra, A. (2022). Expressing profiling of immune genes associated with black pepper (*piper nigrum*) powder supplementation in the diets of broiler chickens. Anim. Biotech. 34(7).; 2336-2342 (NAAS rating 7.80). • Shunthwal, J., Sihag, Z. S., Magotra, A. & Sihag, S. (2023). Investigating the impact of linseed supplementation, rich in omega-3 fatty acids, on the expression of immune genes in Beetal Goats, Animal Biotechnology, 34(8), 4015 4020. (NAAS Rating: 7.80) • Shunthwal, J., Sihag, S., Magotra, A. and Sihag, Z.S. (2025). Evaluation of whole and ground linseed on serum thyroid hormone, physio-metabolic parameters, and growth performance in beetal goat kids in the semi-arid region of Northern India. Veterinary and Animal Science. Volume 33, September 2026, 100699 (NAAS rating 9.00)
IPRs granted	**Copyright granted:** Copyright registration AT-20260166470 granted to "Pashu Aahar Chakra (Feed Chakra) " (Authors: Jyoti Shunthwal, Devinder Singh, Sajjan Sihag) in accordance with the provisions of the Copyright Act,1957 by the Intellectual Property, Govt. of India.
Awards/ Fellowships/ Recognition received	• Dr. S. P. Arora Outstanding Research Paper Award (2011-2013) By ANSI conferred during Global Animal Nutrition Conference, Bangaluru (April, 20-22, 2014). • Best Researcher Award for the Year 2015- 16, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar. • Fellow Award (2025) of Animal Nutrition Society of India. • Received Best Paper award (2015) by Society for Veterinary Science and Biotechnology during national seminar, Udaipur. • Best Paper Presentation Award "The research Paper "Feeding Preference & awareness of Dog Owners and its Relation to Health" adjudged as Best Digital Presentation in ANSICON-2022 at GADVASU, Ludhiana. • Best paper Presentation Award "The research paper; Effects of Feeding Shatavari (Asparagus Racemosus) During Peri parturient Period on Blood Metabolites, Milk Production and its Quality in Cattle" adjudged as Best oral Presentation in ANSICON-2022 at GADVASU, Ludhiana. • Awarded Letter of Appreciation by Director General, animal Husbandry &Dairying, Haryana on delivering seminar at 38th State Livestock Show from 25th to 27th February, 2022 at Bhiwani, Haryana. • Awarded Letter of Appreciation by Vice- Chancellor, LUVAS, Hisar, on delivering seminar IN: Workshop for Enhancing Production & Reproduction in Dairy Animals on 21st May 2022.
Membership of Professional Scientific Societies	• Animal Nutrition Society of Indian. • Forage Research
Any Other	• **Land Scape Officer**, LUVAS- Hisar • **Nodal Officer,** for the Event "Viksit Bharat-2047" organized at Haryana Raj Bhavan Chandigarh on 11 th Nov., 2023. • **Member,** Task Force Committee, Haryana Gau Seva Ayog: To Review the Rates of Fodder Grant to be Distributed to all the Registered Gaushala. • **Member/Convener** in Working Group Constituted by Haryana Kisan Kalyan Pradhikaran, Govt. of Haryana, Krishi Bhawan, Sector-21, Panchkula for Promotion of Poultry in

	Haryana. • **Chairman**, College Disciplinary Committee, College of Veterinary Sciences, LUVAS, Hisar. • **Course Director** IN: Comprehensive training on Junior Research Fellowship (Animal Sciences), ICAR for B.V.Sc. students of university. • **Course Director** IN: Comprehensive training on Junior Research Fellowship (Veterinary Sciences), ICAR for B.V.Sc. students of University. • **Course Coordinator** in a training on Junior Research Fellowship (Animal Sciences), ICAR for B.V.Sc. students of University. • **Course coordinator** of training on "Feed and mineral mixture manufacturing" UG and PG students of COVS, LUVAS, Hisar . • **Training Director** Training Course on Poultry Nutrition for Veterinary Surgeons of Disease Diagnostics Labs, AH & D, Haryana Trainers Training Institute and LUVAS, Hisar at Department of Animal Nutrition, LUVAS, Hisar in collaboration with Trainer's Training Institute. • **Training Director In:** Training for unemployed youth of scheduled cast on "Importance of balanced ration and mineral mixture in livestock and poultry "at Department of Animal Nutrition, LUVAS, Hisar. • **Training Director IN**: A Comprehensive Training Program on Advanced Milk and Milk Product Processing for Farmers from 4th March to 6th March, 2024 at CoDST, LUVAS-Hisar. • **Course Director** in Different Workshops for CDPO, Punjab, SMS/SDO of Veterinary, Animal Husbandry and Agriculture departments organized at CCSHAU, Extension Education Institute, Nilokheri. • **Hostel warden** of Shivalik Hostel, PG Married Hostel and Vindhyachal hostel of CCSHAU, Hisar. • **Member,** committee to review and recommend specifications for procurement of Feed ingredients, CIRB, Hisar. • **President,** LUVAS Teachers' Association (LUVASTA)