

Dr. Mandeep Singh Azad

1. Name:	Dr. Mandeep Singh Azad
2. Designation:	Associate Professor, Animal Genetics & Breeding
3. Contact Address:	Division of Animal Genetics & Breeding, SKUAST-Jammu H. No. 3/B, Sector-6, Nanak Nagar, Jammu, J&K (UT), India – 180004
4. E-Mail:	mandeepsinghazad@gmail.com
5. Mobile:	+91 9419193178
6. Professional Experience:	• Teaching – UG, PG and PhD courses in Animal Genetics, Biotechnology and Genomics • Research and Extension – 15 years as Scientist / Subject Matter Specialist, SKUAST-Jammu (April 2012–present) • Extension – 2 years as Research Associate, NAIP-III (2010–2012); grassroots livestock extension across Jammu region
7. Awards/ Honours/ Scholarships:	• 24 International Fellowships across 25+ countries, including: • International Rangeland Congress Fellowship, Adelaide, Australia (2025) • DCCAF Fellowship, Netherlands (2025) • UFAW Fellowship (Animal Welfare), Porto, Portugal/UK (2024) • AAAP Fellowship (American Association of Avian Pathologists), St. Louis, USA (2024) • ICAR-NAHEP Overseas Fellowship, Bangkok, Thailand (2023) • British Poultry Science Fellowship, Perth, Australia (2023) • World Food System Center Fellowship, ETH Zurich, Switzerland (2022) • Orange Knowledge Programme (OKP)/NFP Fellowship, WUR, Netherlands (2018/19) • FAO Fellowship-2018 • Young Scientist Award, USA, 2018 • International achievement award, ETT CRS, 2018 • World Agroforestry Congress Travel Fellowship, 2018
8. Area of Specialization:	Animal Genetics & Breeding
9. Research Interest:	Molecular Genetics and Genomics; Conservation of Indigenous Livestock Breeds; Climate-Resilient Livestock Production Systems; Animal Cytogenetics and Immunogenetics
10. Total No. of Publication	100+ (Research Papers/Popular Articles)
11. Selected Publications (best five):	1. Azad, M.S., Chakraborty, D., Kour, K., Kumar, D. and Koul, A.L. 2024. Molecular Characterization and Sequencing of Interleukin-15 (IL15R) in Poonchi Chicken from Jammu and Kashmir. Indian Journal of Animal Research. doi:10.18805/IJAR.B-5461.

	2. Azad, M.S., Chakraborty, D., Kour, K. and Birwal, P. 2022. Molecular Characterisation of Inhibitor of Apoptosis Gene in Native Chicken of Poonch Region from International Borders of India and Pakistan. Reproduction, Fertility and Development, 35. doi:10.1071/RDv35n2Ab66. 3. Azad, M.S., Chakraborty, D., Kour, K., Datta, S. and Sharma, P. 2024. Bottleneck Effect Analysis in Indigenous Poonchi Chicken Located Near International Border of India and Pakistan. Indian Journal of Animal Research. doi:10.18805/IJAR.B-5471. 4. Azad, M.S., Chakraborty, D., Kour, K., Kumar, N. and Sharma, M. 2024. Unraveling the Genetic Diversity and Population Structure of Poonchi Chicken in the Indo-Pak Border Region through Microsatellite Markers. Pakistan Journal of Zoology. 5. Azad, M.S., Gupta, I.D., Datta, S., Kour, K., Yathish, H.M. and Chopra, A. Identification of Coagulation Factor XI Gene Deficiency in Indigenous and Crossbred Cattle. Indian Journal of Dairy Science, 64(1): 79.		
12. Student advisory:		Major Advisor	Advisory Member
	MVSc	02	03
13. Books/ Manuals/ Monographs:	Books: 13 (authored) 100 Monographs/Pamphlets 20 Success stories		
14. Seminar/ Workshop/ Conference attended:	30 International Conferences attended		
15. Extension trainings associated with:	12 batches of Pahu Sakhi training (45 days each); 1-month skill development training for youth (ASCI); ~100 extension literature documents developed More than 5000 farmers trained		
16. Research projects as PI/Nodal Officer:	12 (Principal Investigator / Co-PI on major national and international projects)		
17. Other Achievements if any (Please specify):	• 4 Patents: • Developed a farmer-facing poultry mobile app with 10,000+ active users • Editor, scientific periodical of Agriscience, Armenia • Member, Depopulation Taskforce, American Association of Avian Pathologists (AAAP), USA • 11 Global professional memberships, incl. ADSA (USA), UFAW (UK), WVPA, SOCDAB (India) • Trained 5,000+ farmers; established 4 dairy/poultry commodity villages and 6 wool cooperatives		