

<b>Dr. S.P. Dahiya</b>	
	<b>Professor</b>
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<b>Educational Qualifications</b>	<p>1997 PG Diploma in Agril. Journalism  1994 Ph.D. (Animal Breeding)  1987 M.Sc. (Animal Breeding)</p>
<b>Employment Details</b>	<p>Professor 08.09.2006 - Continuing  HOD, LFC 16.09.2017 to 16.09.2021  Assoc. Prof./Equiv. 08.09.1998 to 07.09.2006  Asstt. Prof./Equiv. 08.09.1989 to 07.09.1998</p>
<b>Research Interests</b>	Cattle and Buffalo Breeding, Sheep Breeding, Linear Type Scoring, Selection Indices
<b>Membership of scientific societies</b>	<ul style="list-style-type: none"> <li>• Life member, Society for Conservation of Domestic Animal Biodiversity.</li> <li>• Life member, Indian Society of Animal Production and Management.</li> </ul>
<b>Publications</b>	<ul style="list-style-type: none"> <li>• Published papers in standard scientific referred journals = <b>88</b></li> <li>• Chapters in book/manual = <b>07</b></li> <li>• Papers presented/documentated in seminar/symposium/conference at National/International level = <b>60</b></li> <li>• Extension articles in leading farm journals/magazines = <b>113</b></li> <li>• Radio talks = <b>11</b></li> </ul>

## Selected Publications

- Kumar, M, **Dahiya S.P.**, Ratwan, P., Sheoran, N., Kumar, S. and Kumar, N. (2021) Assessment of egg quality and biochemical parameters of Aseel and Kadaknath indigenous chicken breeds of India under backyard poultry farming. *Poultry Science*. DOI: [10.1016/j.psj.2021.101589](https://doi.org/10.1016/j.psj.2021.101589). **NAAS rating-9.35**
- Kumar, M., Ratwan, P., **Dahiya, S.P.** and Nehra, A.K. (2021) Climate change and heat stress: Impact on production, reproduction and growth performance of poultry and its mitigation using genetic strategies. *J. Therm. Biol.* 97(2021):102867. **NAAS rating-8.90**
- Chauhan, Ashish, **Dahiya, S.P.**, Bangar, Y.C. and Magotra, Ankit (2021). The estimation of (co)variance components and genetic parameters for growth and wool traits in Harnali sheep. *Small Ruminant Research*. <https://doi.org/10.1016/j.smallrumres.2021.106485>. **NAAS rating-7.61**
- **Dahiya S.P.**, Kumar S and Kumar M (2020) Current status of research on linear type traits in Indian cattle and future strategies. *Trop. Anim. Health Prod.* 52:2221–2232. **NAAS rating-7.56**
- Chauhan, Ashish, **Dahiya, S.P.**, Magotra, Ankit. and Bangar, Y.C (2021). Evaluating animal models comprising direct and maternal effects associated with growth rates and the Kleiber ratio in Harnali sheep. *Zygote*. <https://doi.org/10.1017/S0967199421000605>. **NAAS rating-7.44**
- Kumar M, **Dahiya S.P.** and Ratwan P (2019) Backyard poultry farming in India: A tool for nutritional security and women empowerment. *Biol. Rhythm Res.* 52(10):1461-1475. **NAAS rating-7.22**
- **Dahiya, S.P.**, Kumar, Manoj, Ratwan, Poonam and Dhillod, Sandeep (2022). Genetic analysis of biometric traits in Murrah buffaloes using Bayesian approach. *Turkish J. Vety. & Aim. Sci.* DOI: 10.3906/vet-2109-31. **NAAS rating-6.58**
- Kumar, Manoj, **Dahiya, S.P.**, Ratwan, Poonam and Sheoran, Nancy (2022). Evaluation of morphological traits in Aseel and Kadaknath breeds under backyard poultry farming using principal component analysis. *Turkish J. Vety. & Aim. Sci.* DOI: 10.3906/vet-2108-25. **NAAS rating-6.58**
- Kumar, Sandeep, **Dahiya, S.P.**, Magotra, Ankit, Bangar, Y.C. and Garg, A.R. (2021). Identification of Point Mutation in Exon 3 of Leptin Gene in Munjal Sheep. *Indian J. Anim. Res.* DOI: [10.18805/IJAR.B-3981](https://doi.org/10.18805/IJAR.B-3981). **NAAS rating-6.44**
- Kumar, Sandeep, **Dahiya, S.P.**, Malik, Z.S., Patil, C.S. and Magotra, Ankit (2018). Genetic analysis of performance traits in Harnali sheep. *Indian J. Anim. Res.* 52 (5): 643-648. **NAAS rating-6.44**
- Kumar, Sandeep, **Dahiya, S.P.**, Malik, Z.S. and Patil, C.S. (2018). Prediction of body weight from linear body measurements in sheep. *Indian J. Anim. Res.* 52(9):1263-1266. **NAAS rating-6.44**
- **Dahiya, S.P.** and Rathi, S.S. (2002). Identification of type indicators for prediction of production efficiency in Indian cattle. *Indian J. Anim. Res.* 36(2): 122-124. **NAAS rating-6.44**
- Kumar, Sandeep, **Dahiya, S.P.**, Magotra, Ankit, Ratwan, Poonam and Bangar, Y.C. (2022). Estimation of heritability and breeding value for performance and body conformation traits in harnali sheep. *Indian J. Anim. Sci.* 92(2): 86-91. **NAAS rating-6.32**
- **Dahiya, S.P.** and Rathi, S.S. (2002). Linear type traits for milk production in Tharparkar cattle. *Indian J. Anim. Sci.* 72(10): 911-913. **NAAS rating-6.32**
- **Dahiya, S.P.** and Rathi, S.S. (1997). Scanning of linear functional type traits for milk production in Sahiwal cattle. *Indian J. Anim. Sci.* 67(9):792-797. **NAAS rating-6.32**