

Dr Rohit Bishist

Associate Professor (Veterinary Sciences)

Specialization: Livestock Production and Management

Contact: +91 1792 252270 (O)

Cell: +919418030118

E.mail: rohitndri@yspuniversity.ac.in; rohit.ndri@gmail.com



On-going Research Projects

- All India Coordinated Research Project on Agroforestry, ICAR (Principal Investigator).
- Diversification of Dairy unit and Backyard poultry Unit Funded by Govt. of Himachal Pradesh under R&D fund scheme (PI).
- Enhancing Farm Income Through Climate Resilient Subhash Palekar Natural Farming System in Horticulture Ecosystems funded by Department of Agriculture, Govt. of Himachal Pradesh (Co-PI).
- Bioconversion of waste chicken feathers into N rich organic fertilizer by keratinolytic bacteria for effective waste management in Himachal Pradesh” funded by Department of Environment, Science and Technology (Co-PI).

Important Research Publications

- Sharma H, Pant KS, **Bishist R**, Gautam KL, Ludarmani, Dogra R, Kumar M and Kumar A. 2023. Estimation of biomass and carbon storage potential in agroforestry systems of north western Himalayas, India. *Catena* **225**: 107009. <https://doi.org/10.1016/j.catena.2023.107009>.
- Sharma R, Gautam S, Verma SC, Sood G, Bharat NK, Thakur KS, Chandel A, Thakur US, **Bishist R**, Sharma S, Kumar P and Chandel RS. 2023. Influence of modified atmospheric packaging on shelf-life and quality of naturally grown tomato (*Solanum lycopersicum* L.) stored under different conditions. *Brazilian Archives of Biology and Technology*. **66**: e23220466. <https://doi.org/10.1590/1678-4324-2023220466>.
- Gautam KL, **Bishist R**, Thakur CL, Gautam K, Sharma H and Sharma A. 2022. Effect of different organic manures on production of *Lepidium sativum* under *Morus* based agroforestry system. *Bangladesh Journal of Botany*. **51**: 797-805. <https://doi.org/10.3329/bjb.v51i4.63499>.
- **Bishist R**, Wangmo D, Dutt B and Gautam KL. 2022. Traditional usage of plant resources in Ethnoveterinary practices in Spiti valley of Himachal Pradesh, Northwestern Himalayas India. *Ethnobotany Research and Applications*. **24**: 1-24. <http://dx.doi.org/10.32859/era.24.11.1-24>.
- Khalandar S, Sharma R, **Bishist R**, Sivaram M, Sharma S, Roy A and Gautam KL. 2022. Spatio-temporal analysis of bovine and ovine composition, and bovine milk production trend in Himachal Pradesh, India: District-wise analysis. *Indian Journal of Animal Sciences*. **92**: 624–629.
- **Bishist R**, Raina VS, Bhakat M, Lone SA, Mohanty TK, Sinha R and Kumar R. 2021. Effect of Cholesterol loaded cyclodextrin on cryosurvivability of buffalo spermatozoa *Buffalo Bulletin*. **40**: 115-121.
- **Bishist R**, Raina VS, Bhakat M, Mohanty TK, Lone SA and Sinha R. 2020. Effect of antioxidant additives on freezability of buffalo spermatozoa. *Buffalo Bulletin*. **39**: 337-344.

- Bhardwaj DR, Sharma P, **Bishist R**, Navale MR and Kaushal R. 2019. Nutritive value of introduced bamboo species in the northwestern Himalayas, India. *Journal of Forestry Research*. **30**:2051-60. <https://doi.org/10.1007/s11676-018-0750-2>.
- Sharma A, Prasad S, Singh Y and **Bishist R**. 2013. Effect of polyherbal preparation supplementation on immunity and udder health of periparturient Karan-Fries crossbred dairy cows. *Journal of Applied Animal Research*. DOI: [10.1080/09712119.2013.842477](https://doi.org/10.1080/09712119.2013.842477).
- Meena GS, Raina VS, Gupta AK, Mohanty TK and **Bishist R**. 2010. Comparative performance of Biociphos and egg yolk based extenders for buffalo semen cryopreservation. *Indian Journal of Animal Sciences*. **80**: 414-417.

Awards & Recognitions

- Received ICAR JRF for MVSc programme at NDRI Karnal w.e.f. 2004 to 2006.
- Received NDRI Institutional Fellowship for PhD Programme w.e.f. 2006 to 2009.
- Received best poster award in 4th National conference of SVAHE on Pluralistic approaches for livestock development- an extension call” held at College of Veterinary and Animal Sciences CSKHPKV Palampur on May 6-8, 2022.
- Attended International training on scientific modern dairy management at The University of Melbourne, Victoria, Australia w.e.f. March 9-29, 2023 under institutional development programme (IDP) ICAR NAHEP.