

DR. ROHIT SHARMA

PhD (Animal Genetics and Breeding)

CONTACT

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WORKING EXPERIENCE

- **Assistant Professor (AGB)**
26.12.2024 till Present
Apollo College of Veterinary Medicine, Jaipur (Raj.)
- **Assistant Professor (AGB)**
From 6 May 2024 to 7 Dec 2024
Sri Ganganagar Veterinary College, Tanta University, Sri Ganganagar (Raj.)

PROFILE

PhD in Animal Genetics and Breeding with strong expertise in data analysis, encompassing data extraction, storage, and chart preparation, alongside knowledge of farm breeding practices. Proficient in Microsoft Office applications and experienced in building professional networks through active participation in scientific events, conferences, and seminars.

EDUCATION

- **Bachelor of Veterinary Sciences and Animal Husbandry (B.V.Sc. & A.H.)**
Rajasthan University of Veterinary and Animal Sciences, Bikaner
- **Master of Veterinary Science (M.V.Sc.) (Animal Genetics & Breeding)**
Central Agricultural University, Manipur
- **Doctor of Philosophy (PhD) (Animal Genetics & Breeding)**
Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar, Haryana

KEY SKILLS

- Data Analysis
- MS PowerPoint
- MS Excel
- Good Communication Skills
- Breeding Practices
- Disease Diagnosis
- Extension Activities
- Fast Learner

LANGUAGES

- Hindi
- English
- Punjabi

DECLARATION

I certify that the information presented in this document accurately reflects my professional qualifications and experiences to the best of my knowledge.



PROFESSIONAL EXPERIENCE

- I am skilled in performing data analysis, including data extraction, storage, and preparation of charts.
- Performing DNA extraction (from mouth swabs, blood and semen samples)
- Conducted PhD research on the Genetic Evaluation of Murrah buffaloes, focusing on performance and stayability traits, employing Bayesian inference methodologies.
- Attended International Workshop on Genomic Analysis and Artificial Intelligence Applied to Animal Genetics and Breeding from Aug. 21 to Sept. 1, 2023 at ICAR-NDRI, Karnal (Hry.)
- Attended 11 days online training program on Research Data Analysis Using Essential Statistical Techniques organized by BASU, Patna.
- Attended 7 days hands on training programme on large and small ruminants ultrasonography conducted by IVRI in Oct 2023.
- Attended National level training workshop on 'Handling of aquatic species in distress' in March'23 at the Wildlife Institute of India, Dehradun, Uttarakhand.
- Completed an Add-on Certificate Course on Wildlife Care and Management from the Centre for Studies on Wildlife Management and Health, RAJUVAS, Bikaner.
- Completed M.V.Sc. research work focusing on regression tree analysis, path analysis (structure equation modeling), and forecasting through autoregressive integrated moving average model in cross-bred cows by using R.
- Reading, writing and analyzing scientific literatures/manuscripts
- Attended various scientific events, conferences and seminars as well as kisan gosthi and farmer orientation programmes
- Cattle Breeding Farm Practices at LUVAS Cattle Farm, Hisar (Hry.)
- Rotatory Internship program included clinical training and management practices in small, large as well as zoo animals at different locations of Rajasthan.
- Disease diagnosis laboratory procedures at Regional Disease Diagnostic Centre, Udaipur (Raj.)
- Sheep Breeding Farm, Fatehpur, Sikar (Raj.)
- National Research Centre on Equines, Bikaner (Raj.)

ACHIEVEMENTS

- Secured 2nd place in Aggnite 3.0 National Level Ideation Competition organized by a-Idea ICAR-NAARM
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- Life member of SOCDAB
- Editorial Board member of Trends in Agriculture Sciences
- Qualified the ICAR PhD exam & got seat in LUVAS, Hisar, Haryana
- Qualified the ICAR PG exam and was admitted to CAU, Imphal, Manipur
- Awarded for best seminar presentation during graduation and post-graduation
- Registered with Veterinary Council of India and State Veterinary Council
- Attended webinars and trainings pertaining to statistical analysis, animal health and management
- Secured Gold medal in State Level Swimming Competition during school days

PUBLICATIONS

- Authored book entitled "Vet Question Bank" and "A comprehensive guide to Cattle breeds."
- Influence of additive and maternal effects on production and reproduction traits in Murrah buffaloes: Insights from Bayesian Analysis
- Genetic and phenotypic trends for production and reproduction traits in Murrah buffaloes
- Forecasting of milk production of crossbred dairy cattle by Autoregressive Integrated Moving Average (ARIMA) model
- Genomic tools in poultry breeding: Harnessing molecular markers for progress (Review Article)
- Role of Market Led Extension and Marketing Channels in Livestock Entrepreneurship (Book Chapter)



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Ellenabad, Haryana