

DR. DUDI BHAVYA SPOORTHY

M.V.Sc. Animal Nutrition (WBUAFS) | Animal Nutritionist

Veterinary Sciences & Animal Nutrition

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bhavyaspoorthy12345@gmail.com | B.V.Sc. & A.H. (SVVU) | CGPA: 9.08
(Sem I), 8.49 (Sem II)



PROFESSIONAL SUMMARY

Qualified veterinary professional with M.V.Sc. in Animal Nutrition from WBUAFS (CGPA 9.08) and B.V.Sc. & A.H. from Sri Venkateswara Veterinary University. One year of direct teaching experience as Lecturer in Veterinary Sciences covering Animal Nutrition, Feed Formulation, Feeding Standards, and Feeding Management. Postgraduate research focused on dermal wound healing with dietary zinc and probiotic supplementation, involving animal experimentation, histopathology, collagen estimation, and biochemical analysis. Competent in curriculum delivery, practical laboratory instruction, student assessment, academic mentoring, and scientific writing. Committed to contributing to veterinary education, applied nutrition research, and student development within a private veterinary institution.

CORE COMPETENCIES

- Animal Nutrition and Feed Formulation
- Feeding Standards and Feeding Management
- Ruminant and Non-Ruminant Nutrition
- Veterinary Sciences Teaching and Curriculum Delivery
- Practical Laboratory Instruction and Student Assessment
- Research Methodology and Animal Experimentation
- Histopathology, Collagen Estimation and Biochemical Analysis
- Scientific Writing, Lesson Planning and Student Mentoring

EDUCATION

Master of Veterinary Science (M.V.Sc.) in Animal Nutrition | West Bengal University of Animal and Fishery Sciences (WBUAFS), Kolkata 2024 – 2026

CGPA: 9.08 (Semester I), 8.49 (Semester II)

Specialisation: Animal Nutrition, Feed Science, Nutritional Biochemistry, Research Methodology

Bachelor of Veterinary Science and Animal Husbandry (B.V.Sc. & A.H.) | Sri Venkateswara Veterinary University (SVVU), Tirupati 2017 – 2023

OGPA: 7.934. Subjects: Veterinary Anatomy, Physiology, Pharmacology, Animal Husbandry, Clinical Sciences.

TEACHING EXPERIENCE

Lecturer, Veterinary Sciences | Private Veterinary Polytechnic College, Rayachoty 2023 – 2024

- Delivered structured lectures across core veterinary subjects (Animal Nutrition, Feed Ingredients, Ration Formulation, Feeding Standards, Feeding Management) and conducted practical laboratory sessions enabling students to apply theory to real veterinary contexts.
- Prepared students for viva voce examinations through targeted academic sessions, concept clarification exercises, and exam-oriented revision programs.
- Developed lesson plans, teaching schedules, and assessment materials aligned with veterinary polytechnic curriculum standards.
- Provided one-on-one mentoring and maintained consistent engagement through interactive instruction, question and answer sessions, and periodic performance tracking.

RESEARCH EXPERIENCE

Thesis: Evaluation of Dermal Wound Healing in Rats Supplemented with Zinc and Probiotics

- Designed and executed a controlled animal experimentation study evaluating the effect of dietary zinc and probiotic supplementation on dermal wound healing parameters in laboratory rats.
- Performed histopathological assessment of wound tissue sections to evaluate cellular repair, granulation tissue formation, and epithelialization patterns.
- Conducted collagen estimation and biochemical analyses to quantify healing biomarkers and supplementation impact on tissue repair response.
- Applied standard statistical methods for data analysis and preparing manuscripts for journal submission based on thesis findings.

PUBLICATIONS AND ACADEMIC WRITING

Popular Articles (Published)

- Mukherjee, R. D., Khan, M. H., Rahangdale, H., Seikh, A., and **Spoorthy, B.** (2025). "Application of Artificial Intelligence in Poultry Management." *The Science World, A Monthly e-Magazine*, Vol. 5(2), pp. 6364–6368. ISSN: 2583-2212. DOI: 10.5281/ScienceWorld.14957929. Published 28 February 2025. Department of Animal Nutrition, WBUAFS, Kolkata.

Manuscripts in Preparation

- Research article: "Evaluation of Dermal Wound Healing in Rats Supplemented with Zinc and Probiotics", based on M.V.Sc. thesis findings; targeting an indexed veterinary or animal nutrition journal.
- Review article on zinc and probiotic supplementation in dermal wound healing, derived from thesis background and literature review; targeting an indexed peer-reviewed journal.

CONFERENCES AND PROFESSIONAL DEVELOPMENT

- 9th Annual Convention and National Symposium, Society of Veterinary Biochemists and Biotechnologists of India (SVBBI): "Advancing Animal Health and Production through Biochemical and Biotechnological Innovations." WBUAFS, Kolkata (November 2025).
- Seminar on Next-Generation Reproduction: Embryo-Level CRISPR Editing for Sustainable Livestock Improvement, Indian Society for Study of Animal Reproduction (ISSAR), WB Chapter, Kolkata (November 2025).
- 21-Day International Online Training Course on Advanced Nutritional Strategies for Climate Resilient and Sustainable Livestock Animal Production (April 2025).
- World Veterinary Day 2025 and World Zoonoses Day 2025 Awareness Programmes, West Bengal Veterinary Council.
- Kolkata International Poultry Fair 2025, Biswa Bangla Exhibition Centre, New Town, Kolkata.

LABORATORY AND TECHNICAL SKILLS

Laboratory Techniques: Animal experimentation and ethical handling, histopathology slide preparation and assessment, collagen estimation and biochemical analysis, biological sample collection and processing.

Academic and Instructional Skills: Lecture preparation and curriculum design, student assessment and viva coaching, statistical data analysis and interpretation, scientific manuscript and academic report writing.

LANGUAGES

Telugu (Native / Fluent) **English** (Professional Working) **Hindi** (Professional Working)

REFERENCES

Dr. Guru Prasad Mandal
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Nutrition, WBUAFS
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Dr. Stephen Soren
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