

Scientific publications/Books/Conferences/Patents

Research Articles

- **Anitha, T.,** Madhuri, S. B., Alexander, G., Sarat Chandra, A., & Venkateswarlu, M. (2022). Foldscope Based Detection of Rice Husk and Saw Dust Adulteration in Feed Ingredients and Thiram Contamination in Cereal Grains. *Indian Journal of Animal Research*, 12(5), October. DOI: 10.30954/2277-940X.05.2022.6
- **Anitha, T.,** Madhuri, S. B., Alexander, G., Chandra, A. S., & Venkateswarlu, M. (2022). Evaluation of staining procedures for foldscope-based identification of cereal grains and oilseed cakes. *The Pharma Innovation Journal*, 11(5S), 1711–1716.
- **Anitha T.,** Madhuri Bindu S., Alexander G., Chandra Sarat A., Venkateswarlu M. (2023). Detection of Urea Adulteration in Oilseed Cakes using 4-Dimethylaminobenzaldehyde Reagent and Foldscope . *Asian Journal of Dairy and Food Research*. 42(1): 65-69. Doi: 10.18805/ajdf.R-1880
- **Anitha, T.,** Chandra, A. S., Madhuri, S. B., Venkateswarlu, M., & Reddy, M. S. (2025). Constraints perceived by sheep and goat farmers under extensive rearing system in Telangana state. *International Journal of Agriculture Extension and Social Development*, 9(6S). DOI: <https://doi.org/10.33545/26174693.2025.v9.i6Sc.4517>
- **Anitha, T.,** Chandra, A. S., Madhuri, S. B., Venkateswarlu, M., & Reddy, M. S. (2025). *Constraints perceived by sheep and goat farmers under intensive rearing system in Telangana state*. *International Journal of Agriculture Extension and Social Development*, 10(3): 274-276 NAAS 5.29
- **Anitha, T.,** Sarat Chandra, A., Madhuri, S. B., Venkateswarlu, M., & Srinivasa Reddy, M. (2026). Socio-Economic Status of Sheep and Goat Farmers in Different Rearing Systems in Telangana State. *Ind J Vet Sci and Biotech*, 22(3), 110-114.

Popular articles:

- **Anitha, T., & Shiralli, H.** (2025). *Black soldier fly larvae: A low-cost protein feed for chickens*. *Trends in Agriculture Science*.
- **Anitha, T.** (2025). *Listening to poultry health: Smart sensing and artificial intelligence for early detection of respiratory diseases in poultry*. *Indian Veterinary Magazine*.
- **Anitha, T.** (2025). *Zero waste, max profit: Rice–poultry–fish integrated farming system*. *Veterinary Today*.
- **Naga Latha, K., Anitha, T., Yamini, T., & Mathuabirami, V.** (2025). *Secondary data and its sources in the agriculture and allied sector*. *Trends in Agriculture Science*.
- **Anitha, T., & Naga Latha, K.** (2026). *Role of statistics and data science in animal husbandry*. *Trends in Agriculture Science*.
- **Anitha, T., & Shiralli, H.** (2026). *Preventing livestock diseases through proper housing, sanitation, and biosecurity*. *Agri-India TODAY*.
- **Anitha, T.** (2026). *Poultry manure management*. *Just Agriculture*.
- **Anitha, T.** (2026). *Protecting your herd: A guide to livestock insurance in India*. *Innovative Just Agriculture*.
- **Anitha, T.** (2026). *Care and management of sows during farrowing and essential care of newborn piglets*. *Agri Articles*.
- **Anitha, T.** (2026). *Abnormal behaviours in livestock*. *Just Agriculture*.
- **Shiralli, H., Anitha, T., & Kannihalli, S.** (2026). *Forensic entomology: How insects help to solve crimes*. *Agri-India TODAY*.
- **Shiralli, H., Anitha, T., & Kannihalli, S.** (2026). *The hidden partnership: Obligate mutualism between fig and fig wasp*. *Agri-India TODAY*. ISSN 2583-0910.

Book Chapters

- **Anitha, T., & Hareesh, S. (2026). Black Soldier Fly Larvae as a Sustainable Protein Source in Broiler Nutrition.** In *Frontiers in Veterinary Science: Research, Clinical Practice, and Innovations* (Vol. 6, pp. 133–144). IIP Series. e-ISBN: 978-81-69861-86-1. <https://doi.org/10.58532/nbennurFVSRB2P4C1>

National/International conferences

- **T. Anitha**, S. Bindu Madhuri, A. Sarat Chandra, G. Alexander, M. Venkateswarlu presented a poster entitled Development and evaluation of foldscope-based method for detection of thiram contamination in cereal grains under field conditions in *National Conference on Paradigm Shift in Livestock Management*, Jaipur, 2020
- **T. Anitha**, S. Bindu Madhuri, G. Alexander, A. Sarat Chandra, M. Venkateswarlu presented an oral entitled Quality Evaluation of Feed Ingredients of Different Livestock Farms Under Field Conditions Using Foldscope in “Recent Advances in Management and Preventive Health Care in Livestock in India” 10-11th December 2020 Organized by Dept. of Livestock Production and Management & Dept. of Veterinary Medicine College of Veterinary Science, PVNRTVU
- **T. Anitha**, S. Bindu Madhuri, G. Alexander, A. Sarat Chandra, M. Venkateswarlu entitled Effect of Iodine Staining on The Identification Features of Foldscope Images of Cereal Grains in “Recent Advances in Management and Preventive Health Care in Livestock in India” 10-11th December 2020 Organized by Dept. of Livestock Production and Management & Dept. of Veterinary Medicine College of Veterinary Science, PVNRTVU
- **T. Anitha**, *PhD Scholar participated in National Conference on Digital & Organic Interventions towards Sustainable Agriculture, Horticulture, and Animal Husbandry*, Hyderabad, 2022
- **T. Anitha**, *PhD Scholar participated in National Conference on Eco-Friendly Technologies & Innovations For Sustainable Livestock Production Systems To Augment Rural Prosperity, "UTKARSHA", Vizag, 2022*

Projects

- **SheepGuru Mobile Application:** SheepGuru Mobile Application to assist Sheep and Goat farmers with best practices in management, health, and marketing.