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KAU service since 20.04.2010

RESEARCH

Publications till 2024

Journal Articles	Books	Book Chapters	Practical Manuals	Patents
14	05	12	01	01

Publications from 2024 onwards

Journal Articles

1. Vidhya CS, Desai KB, Srivastava P, **Giggin T**, Saxena A, Lalremruata C, Roy D & Sarasa D (2024). The indispensable role of animal science in drug discovery: A comprehensive review. *Journal of Experimental Zoology of India*, 27 (1):1313-1318. DOI: [10.51470/jez.2024.27.1.1313](https://doi.org/10.51470/jez.2024.27.1.1313)
2. Sabareeswaran TAA, Lalremruata C, Basheer M, **Giggin T**, Mishra MR, Shrivastava SM, Gupta S & Roy D (2024). Veterinary Pathology Diseases and Disorders in Domestic and Wild Animals. *Uttar Pradesh Journal of Zoology*, 45 (4):111-117. DOI: [10.56557/UPJOZ/2024/v45i43912](https://doi.org/10.56557/UPJOZ/2024/v45i43912)
3. **Giggin T**, Martin KD, Venugopal SK, Anil KS, Sreeranjini AR & Narayanan MK (2024) Comparative Analysis of Mathematical Models and App-Based Measurement for Estimating the Cutaneous Wound Areas of Captive Asian Elephants. *Cureus* 16(7): e65533. DOI: [10.7759/cureus.65533](https://doi.org/10.7759/cureus.65533)
4. Udharwar Sanjaykumar Vithalrao, Soumya Ramankutty, Deny Jennes, Sajitha IS, **Giggin T**, Prasanna KS, Narnaware SD, Bommayasamy N & John Martin KD (2024). Histopathological evaluation of testicles from pin-hole castrated piglets. *International Journal of Veterinary Sciences and Animal Husbandry*, 9(1):1088-1090.
5. **Giggin T**, Narayanan MK, John Martin KD, Venugopal SK, Anil KS & Sreeranjini (2025). Antibigram of bacteria isolated from chronic cutaneous wound fluids in captive asian elephants (*Elephas maximus*). *Journal of Indian Veterinary Association*, 23(1): 126-131. DOI: [10.55296/JIVA/23.1.2025.126-131](https://doi.org/10.55296/JIVA/23.1.2025.126-131)
6. Jat GR, Kutty IC, **Giggin T** & Smitha S. (2025). Layer poultry farming in Kerala: Current status, emerging trends, and future prospects. *International Journal of Veterinary Sciences and Animal Husbandry*, 10(5):14-20.
7. Jat GR, **Giggin T** & Smitha S. (2025). Growth Response to a Scientific Feeding Intervention in Fattening Male Murrah Buffalo Crossbreds under Field Conditions in Kerala, India. *Archives of Current Research International*, 25 (5):586-592. DOI: [10.9734/acri/2025/v25i51236](https://doi.org/10.9734/acri/2025/v25i51236)

Books

1. Singh D, **Giggin T**, Butani JB & Dubey G (2024). Livestock and Poultry Management, DvS Scientific Publication, UP. 223p.

2. Lallawmkimi MC, **Giggin T**, Kumar A & Ramasamy M (2024). Animal Husbandry and Dairy Science Innovations. Textify Publishers, UP.
3. **Giggin T** & Smitha S (2025). Shelter designs for livestock in Kerala conditions-*Malayalam*. Kerala Agricultural University, Thrissur, Kerala. 113p.
4. **Giggin T** & Smitha S (2025). Value-added products from Livestock Farm Wastes-*Malayalam*. Kerala Agricultural University, Thrissur, Kerala. 41p.
5. Ansar CP, Aswathy KK, Aswathi Krishna, **Giggin T**, Smitha S & Binoo P Bonny (2025). Farming fishes in Kerala-*Malayalam*. Kerala Agricultural University, Thrissur, Kerala.

Book Chapters

1. **Giggin T**, John Martin KD, Venugopal SK, Anil KS, Sreeranjini AR & Narayanan MK (2024). “If you cannot measure it, you cannot manage it”-smartphone digital planimetry for wound management. *Advances in veterinary and Animal sciences. Volume -II. Veterinary Sciences*. Indian Veterinary Association, India. 386-414.
2. **Giggin T**, Jennes D & Anoop S (2025). 3D printing in surgical planning and implants in veterinary surgery. *Breakthroughs in Veterinary Surgery*. Anvith Publications, India

Practical manuals

1. Smitha S, **Giggin T** (2024). Practical manual-AHNS-2101-Livestock and Poultry Management, College of Co-operation, Banking and Management, Vellanikkara, Kerala Agricultural University, Thrissur, Kerala. 67p.

ACADEMICS

UG, PG, PhD Courses handled so far

No.	Course	Title	Credits
1.	B Sc (Ag.) Hons.	ANHS 1201-Livestock and Poultry Management	1+1
2.	B.Sc. (Hons.) Climate Change and Environmental Science	Introductory Animal Husbandry	
3.	B.Sc. (Hons.) Co-operation and Banking	ANHS 2101-Livestock and Poultry Management	2+1
4.	M Sc Agriculture	Research and Publication ethics	1+0
5.	PhD Animal Science		

PG, PhD Student Guidance

No.	Year	Course	No. of students
1.	2015	MBA (Agri-Business Management)	1
2.	2017		3
3.	2018		3
4.	2019		2
5.	ongoing	MSc Agricultural Economics	1

EXTENSION

Seminars, Conferences, Symposia, Workshops, Trainings, MOOCs attended till 2024	84
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Seminars, Conferences, Symposia, Workshops, Trainings, MOOCs attended from 2024 onwards

1.	2024	National Workshop on “How to write research paper”	Training and Education Centre, ICAR-IVRI, Pune and Indian Society for Veterinary Surgery
2.	2024	Refinement of animal experimentation by proper anaesthesia, analgesia and euthanasia	SCTIMST, Kerala
3.	2024	Kerala Veterinary Science Congress 2024	IVA, Kerala
4.	2024	Advances in domestic and wild animal surgery with special references to elephants	47 th ISVS, Guwahati
5.	2024	RiverCon 2024-11 th National Conference on Rivers for Life: Food and Water Security for Sustainable Living	River Water User Association (India) and International River-Basin Foundation-WCPI
6.	2024	International Conference on “Rivers of resilience: Sustaining life, nourishing ecosystems”	River Water User Association (India) and International River-Basin Foundation-WCPI
7.	2025	International conclave on “Next-gen Higher Education”	Dept. of Higher Education, Government of Kerala and KSHEC, CUSAT, Kerala
8.	2025	Three-day National Workshop on “Mastering AI tools for Academic Research Excellence”	Central Library, KAU, Kerala
9.	2025	International Zoo and Wildlife Health Conference 2025	AIZWV, Jabalpur
10.	2025	37 th Kerala Science Congress on “Technology Transformation for a Green Future”	KSCSTE, Government of Kerala, KSCSTE-KFRI, Thrissur and KAU, Kerala
11.	2025	QUAESITIO '25-International Conference of eco-cultural futures	IQAC, St. Stephen's College and MG University, Kerala

Awards, Fellowships and Achievements

No.	Year	Fellowship/ Award/ honour	Awarding body
1.	2000	Junior Research Fellowship	Indian Council for Agricultural Research, New Delhi
2.	2005	Certificate of Appreciation for Vocational Excellence	Rotary International Mulanthurthy, Kerala
3.	2010	Vocational Award	Rotary International Cochin, Kerala
4.	2010	Best Paper-Canine surgery	7 th ISACP, Karnataka
5.	2013	Best Paper	INSEE, Hyderabad
6.	2015	Best Paper	ISEE, BHU, U. P.
7.	2019	Senior Research Fellowship	Kerala Veterinary and Animal Sciences University, Kerala
8.	2022	Best Paper-Large Animal Orthopedics	SVVU, Tirupati, A. P.

9.	2023	Best Poster-Wildlife session	15 th KVSC 2023, Kerala
10.	2023	Best Paper	2 nd World Congress, U. P.
11.	2023	Outstanding climate adaptation research	2 nd World Congress, U. P.
12.	2023	2 nd Best paper	NADCL and NAU, Gujarat
13.	2023	2 nd Best poster	NADCL and NAU, Gujarat
14.	2023	Best Ph. D. thesis	NADCL and NAU, Gujarat
15.	2024	Best e-poster-Zoonoses day	IVA Kerala, Ernakulam Unit
16.	2024	Best review article award	IVA, Kerala
17.	2024	Best Poster-Wildlife session	16 th KVSC 2024, Kerala
18.	2024	3 rd Best Paper-Wildlife session	16 th KVSC 2024, Kerala
19.	2024	National Finalist	EURAXESS Science Slam India 2024