

# Krishna Kaphle, BVSc and AH,,GHC, ELT, PhD

**Current Position: Director**, Veterinary Teaching Hospital and Associate Professor at Department of Theriogenology

**Institution:** Institute of Agriculture and Animal Science Tribhuvan University, Paklihawa Campus, Sidharthanagar-1, Rupandehi, Lumbini, Nepal

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## Research Interest:

### ONE HEALTH ADVOCATING VETERINARIAN (THERIOGENOLOGIST)

**Objective:** In pursuit of establishing best approach for delivery of animal health, animal welfare and public health concerns in Nepalese society. Get deeper in understanding the science behind origin of life.

**Beliefs:** *Engaged faculty and motivated student make the teaching and learning meaningful and nothing transform society better than right education.*

## MAJOR ROLES, RESPONSIBILITIES AND PUBLICATIONS

### Education

*Aug 2001 – May 2006 (PhD) -National Taiwan University,, Taipei, Taiwan, Republic Of China (ROC).*

*Aug 1991 – 1997 (BVSc and AH) -Rampur Campus, Institute of Agriculture and Animal Science (IAAS), Tribhuvan University (TU), Bharatpur, Chitwan, Bagmati, Nepal.*

### Responsibilities

*Assistant Professor: since 2055-01-15 at Rampur Campus, IAAS, TU.*

*Hostel Warden, Sports Coach, Student Welfare Chief, member of various committees, at IAAS, TU. Advisory role for various students clubs, coordinator of national and regional events related with professional, sports and leadership training.*

*Editorial roles for IAAS Journal, NVA Journal, The Blue Cross and multiple others.*

*Department Head of Theriogenology- (April 10th 2009 and again from July 2021), IAAS, TU.*

*Stints as Member secretary Internship Advisory Committee, Subject Matter Committee (Veterinary Science) now as member,*

*Member of Faculty Board (2018-).*

*Advisor of Internship students (~20) and PG students as minor advisor (10).*

*Associate Professor of Veterinary Science (Theriogenology,)-2068-02-01 at Rampur Campus, IAAS, TU later transferred to Paklihawa Campus, IAAS, TU from 2076-01-13.*

*In charge of the Theriogenology PG program since 2076-01-24. Department of Theriogenology Head (July 2021-)*

*Founding Member Tribhuvan University Alumni Association; Member of the Implementation Committee, IAAS, TU since 2077-10-19; Founding President Nepal Veterinary Association Lumbini Province, Nepal (2074): Past secretary, President Nepal Veterinary Association Chitwan Chapter-Proud core team of World Veterinary Association Award winner for Nepal Veterinary Association.*

*Vice President of Nepal Veterinary Association 2021-23 (2077-12-06).*

#### Recent **Publications and Research:**

1) Acharya KP, Phuyal S, Chand R, **Krishna Kaphle**. (2020). Current scenario of and future perspective for scientific research in Nepal. *Heliyon*. 7(1):e05751.<https://doi.org/10.1016/j.heliyon.2020.e05751>

2) Acharya KP, Karki S, Shrestha K, **Krishna Kaphle**. (2019). One health approach in Nepal: Scope, opportunities and challenges. *One Health*. [Impact factor: 4.694]<https://doi.org/10.1016/j.onehlt.2019.100101>

3) Adhikari G, Acharya KP, Upadhyay M, Raut R, **Krishna Kaphle**, Khanal T, Bertram MR, Stenfeldt C, Arzt J. (2018). Outbreak investigations of foot and mouth disease virus in Nepal between 2010 and 2015 in the context of historical serotype occurrence. *Veterinary Medicine and Science*. [Impact factor: 0.954]<https://doi.org/10.1002/vms3.120>

4) Acharya KP, Nirmal BK, **Krishna Kaphle**, Mahato MK, Yadav GP, Rana HB. (2016). Prevalence of gastrointestinal and liver parasites in yaks in the

cold desert area of lower Mustang, Nepal. *Asian Pacific Journal of Tropical Disease*.1;6(2):147-50.

5) Acharya KP, Nirmal BK, Poudel B, Bastola S, Mahato MK, Yadav GP, **Krishna Kaphle**. (2014) Study on yak husbandry in Mustang district of Nepal. *J Hill Agric*. 5(2):100-105.

6) Acharya KP, **Krishna Kaphle**. (2015). Major issues for sustainable poultry sector in Nepal. *Global Journal of Animal Scientific Research*.3(1):227-39.

7) Poudel, D., Bhattarai, N., Sapkota, S., **Krishna Kaphle**. and Kandel, M. (2017). Effect of Parity on Lactational Efficiency of Murrah Buffaloes (*Bubalus bubalis* L.) in Central Nepal. *International Journal of Agriculture and Forestry*. December Issue, 2017. e-ISSN: 2165-8846, DOI: 10.5923/j.ijaf.20170706.04

8) Kandel, M., Regmi S., Thakur B., Acharya R., and **Krishna Kaphle**.(2018). Foot-and-Mouth Disease Outbreak at Bageshwori Gaushala, Chitwan, Nepal. *Journal of Agricultural Science and Technology A* 8 (2018) 406-411, DOI: 10.17265/2161-6256/2018.06.008

9) Poudel, D., Kandel, M., Bhattarai, N. and **Krishna Kaphle**. (2019) Seasonal variation in milk yield and quality parameters in Murrah crossbred buffaloes of Sub- Tropical Nepal. *Proceedings of International Young Scientific Conference on Science and Prosperity*. Kathmandu, Nepal.

10) Bhatta BR, **Krishna Kaphle**, Yadav KK. (2018). Situation of Livestock, Production and its Products in Nepal. *Archives of Veterinary Science and Medicine* 1 (2018): 001-008.

11) Raut R, Mandal RK, **Krishna Kaphle**, Pant D, Nepali S, Shrestha A. (2017) Assessment of antibiotic residues in the marketed meat of Kailali and Kavre of Nepal. *Int J Appl Sci Biotech*. 5:386–9. 10.3126/ijas- bt.v5i3.18302 [CrossRef] [Google Scholar].

12) Sharma Sudip, Kandel Milan and **Krishna Kaphle**. (2018). How to Manage exotic calves from dairy cows (In Nepali)?. *Bageshwori Sandesh-Gau Bishanka*: (2074): 117-119.

13) Adhikari, K., Rana, H. B., **Krishna Kaphle**, Khanal, T., and Raut, R. (2017). Prevalence of *Haemonchus contortus* in Goats of Western Chitwan of Nepal. *International Journal of Applied Sciences and Biotechnology*, 5(3), 321–325. [https://doi.org/10.3126/ ijasbt.v5i3.18268](https://doi.org/10.3126/ijasbt.v5i3.18268)

- 14) Paudel, S., **Krishna Kaphle**, and Rana, H.B. (2018). Prevalence of Fasciolosis in buffaloes at IAAS farm, Paklihawa, Rupandehi, Nepal. *The Blue Cross*, 15, 56-60.
- 15) Dhital, B., Shrestha, S., **Krishna Kaphle**, and Pudasaini, R. (2018). Distribution of the Cattle Ticks from mid hills to plain of Nepal. *Journal of Agriculture and Natural Resources*, 1(1), 197-205.
- 16) Rana KP, **Krishna Kaphle** and Gautam G. (2018). Welfare status of indigenous cattle in Terai and Mid hills of Nepal. *Nepalese Vet. J.* 35: 134-141.
- 17) Bhandari S, **Krishna Kaphle** and Lamsal RK (2019). Local feeds in aquaculture and their feeding efficiency: Review from Nepal. *International Journal of Veterinary Sciences and Animal Husbandry* 4(5): 06-09.
- 18) Neupane R and **Krishna Kaphle**. Bacteriological quality of poultry meat in Nepal (2019). *International Journal of Veterinary Sciences and Animal Husbandry* 4(5): 10-15.
- 19) Kandel M, Regmi S, Thakur B, Acharya R and **Krishna Kaphle** (2018). Foot and Mouth Disease outbreak at Bageshwori Gaushala, Chitwan, Nepal. *Journal of Agricultural Science and Technology A* 8 (2018) 406-411.
- 20) Sudiksha Pandit, Pratiksha Parajuli, Suman Bhandari and **Krishna Kaphle** (2019). Foot and Mouth Disease: Tracing recent presence in Nepal. *International Journal of Veterinary Sciences and Animal Husbandry* 2019; 4(4): 16-19.
- 21) Ishwari Tiwari, Rubina Shah, **Krishna Kaphle**, Milan Gautam (2019). Treatment Approach of Different Hormonal Therapy for Repeat Breeding Dairy Animals in Nepal. *Archives of Veterinary Science and Medicine* 2 (2019): 028-040.
- 22) Jyoti S, Subedi D, Adhikari BK and **Krishna Kaphle** (2019). Ultrasonographic description of reproductive tract of cattle, history of veterinary ultrasound and its current practices in Nepal. *East African Scholars J Vet Med Sci*; Vol-1, Iss-3 (May-June, 2019): 48-53.
- 23) **Krishna Kaphle** (2020). Veterinary medicine as the core of the one health approach for Nepal's preparedness to pandemics like COVID-19. *Applied Science and Technology Annals*, 1(1), 122- 130. <https://doi.org/10.3126/as-ta.v1i1.30284>.

- 24) Subash Rimal Anil Adhikari Rabin Acharya Dinesh Kumar SinghNaresh Prasad Joshi, Birendra Shrestha, **Krishna Kaphle**, Khaled Mohamed El-Dakhly, Alessio Giannelli. (2021) Occurrence of *Dirofilaria immitis* in Stray Dogs from Nepal. *Acta Parasitologica* [https://doi.org/ 10.1007/s11686-021-00380-w](https://doi.org/10.1007/s11686-021-00380-w).
- 25) Nabin Shrestha and **Krishna Kaphle**. (2021). Pseudopregnancy in Bitch: a Review. *IVSA Mirror V* 77-81.
- 26) **Krishna Kaphle** (2021). Heat stress induced summer infertility in buffalo. *IVSA Mirror VI* (submitted).
- 27) Dhakal, A., Regmi, S., Pandey, M., Chapagain, T., and **Krishna Kaphle**. (2021). Features of small holder goat farming from Chitwan district of Bagmati province in Nepal. *Archives of Agriculture and Environmental Science*, 6(2), 186-193. <https://doi.org/10.26832/24566632.2021.0602010>
- 28) Rana C, Subedi D, Kunwar S, Neupane R, Shrestha B, Khan Singh DK and **Krishna Kaphle** (2021). Cystic urolithiasis case report and review of literature. *Clinical Case Reports* (online ahead of publication).
- 29) Rana C, Tiwari CK, Bhattra B, Gautam A, KC B, Khanal A, Sharma BA Tiwari B, Gautam A, Parajuli A mad **Krishna Kaphle** (2020). Assessing the level of awareness about predatory journals among the students of IAAS Paklihawa. *Journal of the Institute of Agriculture and Animal Science*, 36: (in press).
- 30) Acharya Basanta, Dhital Bharghab, Poudel Tuls Prasad, Sha Anjay Kumar and **Krishna Kaphle** (2020). Effect of Live Yeast (*Saccharomyces cerevisiae*) Feeding on Milk Composition and Gross Profit Margin of Crossbred Dairy Cattle at Khumaltar, Nepal. *Journal of the Institute of Agriculture and Animal Science*, 36: (in press).