

Dr. Penjor

Faculty Information

Location(s) : CNR - lobesa
Department(s) : Department of Animal Science
Title(s) : Associate Professor

Contact Information

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Education

Degree(s)

PhD in Agriculture (Dry Herbs as Feed Additives to Enhance Dairy Nutrition, Khon Kaen University, Thailand)

M.Sc., Tropical Veterinary Medicine (CTVM, University of Edinburgh, Scotland)

B. V. Sc and A. H (CoVAS, Kerala Agricultural University)

Other Information

Short Curriculum Vitae (CV)

Education

1. **PhD in Agriculture (Dry Herbs as Feed Additives for Improving Digestion, Nutrient Utilization and Enhance Milk Production in Dairy Cattle, Khon Kaen University, Thailand, Oct 2009 – Sept 2012)**
2. **M. Sc. Tropical Veterinary Medicine, University of Edinburgh, Scotland (UK) (2001)**
3. **B.V.Sc & A.H - College of Veterinary and Animal Science, Kerala Agricultural University, India (1997)**
4. Militia Training, Military Training Centre, Tencholing (May 1989)
5. Graduate Orientation Programme, RIM, Semtokha, (Oct 1997)
6. Training on Drig Lam Nam Shag, Ministry of Home Affairs, Tashi Chhoezong, (Oct 1997)
7. Teacher's Training (Teaching Methodology), NRTI, (April 1998)
8. Learning Centered Teaching Methods and extension – BCDM, Decca, Bangla Desh (December 1999)
9. Teaching Methodology Course, NRTI, (Jan 2002)

10. Facilitation skills for Participatory Research Training, RNR-RC Bajo in collaboration with RECOFTC, Bangkok, (Nov 2003)
11. Teaching Methodology – (short course) Natural Resources Training Institute, Bhutan (2004)
12. **Health Economic Research Methods (short course) Chulalongkorn University, Thailand (2005)**
13. ICT Literacy training (In house), CNR-EC Asia Link Project (Nov 2006)
14. **Pre and Post-Harvest Technology in Aquatic and Land Animal Production – Khon Kaen University, Thailand (2006)**
15. ICT Literacy, in-house training CNR-EC Asia Link Project (20th to 26th November 07)
16. Tools for ICT supported Learning, In-house training, CNR-EC Asia Link Project (Jan 2007)
17. Basic GIS Course, CNR (10th to 14th Sept 07)
18. National Roving Seminar on enhancing Awareness on Industrial Property Users. MTI and WIPO, (10th to 11th Oct 07)
19. Training on University Administration and Management, (CIS, Jan 2008)
20. Virtual Learning Environment, CNR-EC Asia Link Project. (Feb 2008)

Research area

Improving Dairy Nutrition through use of plant based feed additives

Altitude Shift in Animal Health Problems Influenced by Climate Change

Publications

1. **Penjor**, The potential of improving the productivity of yaks in terms of milk, meat and fertility with particular reference to Bhutan, M. Sc Dissertation submitted to University of Edinburgh (2001)
2. Nidup. K, **Penjor**, Tashi. C, & Dorji P. Review of Poultry Development in Bhutan, IINFPD newspaper. 15(1), 8-15. FAO Publication
3. Karma Nidup, Phub Dorji, **Penjor**, R. Gurung, P. Arasta, & C. Moran, Genetic Structure of the Indigenous Chickens of Bhutan. *SAARC Journal of Agriculture*, Vol 3, pp69-86 (2005)
4. Karma Nidup, **Penjor**, Phub Dorji, Poultry Resources in Bhutan, 2008, NBC
5. Karma Nidup, Phub Dorji and **Penjor**, Indigenous Chickens: A Resource for Bhutanese farmers. *SAARC Journal of Agriculture*.
6. Karma Nidup, **Penjor**, Phub Dorji, Animal Genetic Resources of Bhutan, Poultry (MoA 2008) PP 26 - 47.
7. Penjor. 2008. The Marriage System in Lower Kheng. In Frank Rennie and Robin Mason (Eds), Bhutan Ways of knowing (pp.141- 154). INFORMATION AGE PUBLISHING, INC. Charlotte, NC.
8. **Penjor**. (2002). Veterinary Surgery - A Handbook. NRTI, Lobesa.

9. Presentation at international seminar

- 9.1. "3rd International Conference on sustainable animal agriculture for developing countries, Nakhon Ratchasima, Thailand, 26-29 July, 2011" The abstract for the same is available at <http://www.cabdirect.org/abstracts/20113387122.html;jsessionid=C183F765DC0E959E3C0E28270505203D>
- 9.2. 'Alumni Network, The way to Improve research Cooperation between Countries' International Conference on **"Research for Social Devotion"** In Commemoration of the 50th Anniversary of Khon Kaen University, Thailand 22nd and 23rd January 2015
- 9.3. Use of plants as additives to manipulate *in vitro* dry matter digestibility of dairy feed containing high fiber. First South Asian Biotechnology Conference, Delhi. 12th to 14th February 2015

9. Presentation at national seminar

The First Faculty Research meet at the Royal Thimphu College titled, **'Plant based based feed additives as an alternative to conventionally used antibiotics in dairy production system'**, abstract available at <http://www.rub.edu.bt/images/research/Faculty-researchMeet/ffr.pdf>

Third Faculty Research Meet and Gedu College of Business Studies last December. **'Use of Siamese Neem leaves and Zanthoxylum pods as feed additives to evaluate effects on feed intake, digestibility and milk production in dairy cows fed rice straw as fiber source'**

Most recent publication

1. Penjor., V. Pattarajinda., S. Kattawatin., C. Thamrongyoswittayakul., W. Gritsanapan. (2012b). Effects of feeding *Siamese neem* and *Zanthoxylum* pods, on dry matter intake, dry matter digestibility, milk production and composition in Thai Holstein dairy cows fed rice straw as fiber source. Journal of Agricultural Science and Technology. A (3): 66 – 71.
2. Penjor and Shekhar Chhetri. (2019). Native Chickens beyond eggs and meat. BJNRD 6(1): 36 – 40. DOI: <http://doi.org/10.17102/cnr.2019.06>