





JIGME TENZIN





I am currently a Lecturer at College of Natural Resources, Royal University of Bhutan. I am passionate about learning and teaching. Moreover, I am interested in animal genetics, multi-omics, big data, statistics, and machine learning to solve real world problems in livestock sector and allied industry.

View this CV online with links at
<https://jigmetenzin.rbind.io/cv/cv>

EDUCATION

- MSc in Agriculture (Major in Animal Genetics and Breeding)**
Khon Kaen University  Khon Kaen, Thailand
• Thesis: A study of association between genetic markers in candidate genes and production traits in Thai native chickens.
- Post Graduate Diploma in Higher Education (PgDHE)**
Samtse College of Education  Samtse, Bhutan
- Post Graduate Certificate in Higher Education (PgCHE)**
Samtse College of Education  Samtse, Bhutan
- Bachelor's in Veterinary Sciences and Animal Husbandry (BVSc & AH)**
Central Agricultural University  Aizawl, Mizoram, India

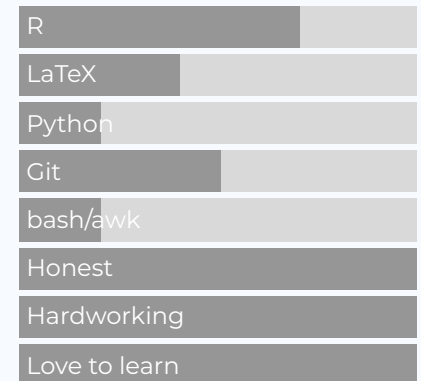
PROFESSIONAL EXPERIENCE

- HoD**
Department of Animal Science  College of Natural Resources
• See overall administration of the department in addition to teaching
- Lecturer**
Department of Animal Science  College of Natural Resources
• Teach and guide undergraduate and MSc students
- HoD**
Department of Animal Science  College of Natural Resources
• See overall administration of the department in addition to teaching
- Farm manager**
Piggery, Department of Animal Science  College of Natural Resources
• Oversee the management of piggery farm at the college and engagement of students in the farm

CONTACT

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 [tenz_jigme](https://twitter.com/tenz_jigme)
 github.com/jigme77
 jigmetenzin.rbind.io

SKILLS



Last updated on 2023-04-21.

- 2021
|
2020

●

Centre Coordinator
 Centre of Rural Development Studies

📍 College of Natural Resources

 - Overall administration and coordination of centre related activities
- 2021
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2019

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Project Manager

📍 College of Natural Resources

 - Managed and led the project building capacity for climate smart agriculture
- 2021
|
2016

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Associate Lecturer
 Department of Animal Science

📍 College of Natural Resources

 - Teach and guide undergraduate students
- 2017
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2016

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Programme Leader
 BSc in Animal Science

📍 College of Natural Resources

 - Overall administration and coordination of the programme
- 2016
|
2015

●

Assistant Lecturer
 Department of Animal Science

📍 College of Natural Resources

 - Teach and guide undergraduate students



GRANTS AND AWARDS

- 2023
|
2019

●

Building capacity for climate-smart agriculture
 Bhutan Trust Fund for Environmental Conservation

📍 Thimphu, Bhutan

 - Building capacity for faculty and farmers to adapt to climate change and practice climate smart farming
- 2022
|
2022

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Bhutan-KoRAA fellow
 International Technology Cooperation Centre

📍 Rural Development Administration, South Korea

 - Agriculture Management Research Methodology and Analysis
- 2019
|
2017

●

TICA scholarship
 Thailand International Cooperation Agency

📍 Thailand

 - MSc in Agriculture (Animal Genetics and Breeding)
- 2019
|
2019

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Young Scientist Award
 The 2nd International Conference on Native Chicken (ICONC), 2019

📍 Suranaree University of Technology, Korat, Thailand

 - Polymorphisms in BMP15, DRD2, STAT5B, and MTNR1C genes and their association with production traits in Thai Pradu hang dam chickens.

2019
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2019



Best Oral Presentation

The 2nd International Conference on Native Chicken (ICONC), 2019
📍 Suranaree University of Technology, Korat, Thailand

- Polymorphisms in BMP15, DRD2, STAT5B, and MTNR1C genes and their association with production traits in Thai Pradu hang dam chickens.

2015
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2010



GOI scholarship

Department of Adult and Higher Education and Government of India
📍 Mizoram, India

- Studied BVSc & AH



TEACHING EXPERIENCE

2021
|
2020



Statistics, Biotechnology in Animal Production, Project Work, Extension and Communication

BSc in Animal Science
📍 Department of Animal Science, College of Natural Resources

- Teach as well as guide students with their undergraduate thesis

2020
|
2019



Farm Economics and Marketing, Farm Animal Growth and Development, Biotechnology in Animal Production, Statistics, Extension and Communication

BSc in Animal Science
📍 Department of Animal Science, college of Natural Resources

- Teach as well as guide students with their undergraduate thesis

2020
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2019



Introduction to Animal Production

BSc in Food Science and Technology
📍 Department of Food Science, College of Natural Resources

- Teach

2017
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2016



Farm Animal Genetics and Breeding, Preventive Veterinary Medicine

BSc in Animal Science
📍 Department of Animal Science, College of Natural Resources

- Teach

2016
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2015



Basic Anatomy and Physiology of Farm Animals, Apiculture, Preventive Veterinary Medicine

BSc in Animal Science
📍 Department of Animal Science, College of Natural Resources

- Teach



PUBLICATIONS

Current
|
2023

- **Current Status and Conservation Management of Farm Animal Genetic Resources in Bhutan. Veterinary Sciences¹**

Veterinary Sciences, 10(4), 281.

• Tenzin, J., Chankitisakul, V., & Boonkum, W.

2022
|
2022

- **Women's Vegetable Marketing Group in Bongo, Chhukha Dzongkhag**

in book: Case Studies of Successful Farmers, Agri-enterprises and Farmers' Groups and Cooperatives in Bhutan

📍 Centre for Sustainable Mountain Agriculture, College of Natural Resources, Royal University of Bhutan

• Tenzin, J. & Wangmo, Chogyel

2022
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2022

- **Mushroom Production, Bjabcho Gewog, Chhukha Dzongkhag**

In book: Case Studies of Successful Farmers, Agri-enterprises and Farmers' Groups and Cooperatives in Bhutan

📍 Centre for Sustainable Mountain Agriculture, College of Natural Resources, Royal University of Bhutan

• Tenzin, J. & Wangmo, Chogyel

2022
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2022

- **Green Hands Youth Group of Phuentsholing, Bjabcho, Chhukha Dzongkhag**

in book: Case Studies of Successful Farmers, Agri-enterprises and Farmers' Groups and Cooperatives in Bhutan

📍 Centre for Sustainable Mountain Agriculture, College of Natural Resources, Royal University of Bhutan

• Tenzin, J. & Wangmo, Chogyel

2022
|
2022

- **Integrated Farmer, Boeri Village Chhukha Dzongkhag**

in book: Case Studies of Successful Farmers, Agri-enterprises and Farmers' Groups and Cooperatives in Bhutan

📍 Centre for Sustainable Mountain Agriculture, College of Natural Resources, Royal University of Bhutan

• Wangmo, Chogyel & Tenzin, J.

2020
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2020

- **Evaluation on Efficacy of *Piper nigrum* as a bio-pesticide against *Sitophilus zeamais*²**

Naresuan University Journal: Science and Technology (NUJST). 29(2), 84-95.

• Choden, S., Yangchen, U., & Tenzin, J.

2020
|
2020

- **Assessment of Anthelmintic Resistance of *Fasciola* spp. against Flunil-L[®] and Fasinash^{®3}**

Bhutan Journal of Natural Resources & Development. 7(2) : 43-50.

• Dolma, S., Tenzin, J., & Dorjee, J.

- 2020
|
2020
- **Potential genetic markers and their association with production traits in Thai Pradu Hang Dam and Chee native chickens⁴**
Khon Kaen Agriculture Journal. 48 (7), 211 - 220.
• Tenzin, J., Boonkum, W., & Chankitisakul, V.
 - **Association of polymorphisms of physiological candidate genes with phenotype and estimated breeding values of reproductive and growth traits in Thai indigenous chickens⁵**
Genetics and Molecular Research. 19 (7): GMR18504.
• Tenzin, J., Chankitisakul, V., & Boonkum, W.
 - **A study of association between genetic markers in candidate genes and production traits in Thai native chickens⁶**
Master's thesis, Khon Kaen University, 2019). Khon Kaen: Khon Kaen University.
• Tenzin, J.
 - **Polymorphisms in BMP15, DRD2, STAT5B, and MTNR1C genes and their association with production traits in Thai Pradu hang dam chickens**
In The second international conference on native chicken (Vol. 2, p. 64-68)
Korat, Thailand: Suranaree University. Thailand.
• Tenzin, J., Boonkum, W., Chankitisakul, V., & Duangjinda, M.

LINKS

- 1: <https://www.mdpi.com/2306-7381/10/4/281>
- 2: <https://www.journal.nu.ac.th/NUJST/article/view/Vol-29-No-2-2021-84-95>
- 3: <https://bjnrd.org/index.php/bjnrd/article/view/58>
- 4: https://ag2.kku.ac.th/kaj/PDF.cfm?filename=19_12.pdf&id=4166&keeptrack=10
- 5: <https://geneticsmr.com/articles/association-polymorphisms-physiological-candidate-genes-phenotype-and-estimated-breeding>
- 6: <https://opac.kku.ac.th/Catalog/BibItem.aspx?BibID=b00423551>

DECLARATION

I hereby certify that the above information is correct to the best of my knowledge.