# Rinchen Tshewang, Curriculum Vitae

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Current Job: Assistant Professor/TPU Coordinator, Paro College of Education, Royal

University of Bhutan, Paro

**Education:** PhD in education (Queensland University of Technology, Australia,

2015); M.Sc in mathematics education (Curtin University of Technology, Australia, 2006); PGCE in mathematics and economics (NIE Samtse, Bhutan

1997); B.A (Hons) in Economics (Sherubtse College, Bhutan, 1995).

# **Employment History and Positions Held**

Assistant Professor, Paro College of Education, RUB. (Jan 2017 - )

- Senior Lecturer, Paro College of Education, RUB (July 2010-January 2017)
- Lecturer, Paro College of Education, RUB. (July 2007 June 2010)
- Associate Lecturer & Head of Department of Mathematics, Paro College of Education, RUB. (July 2004- June 2007)
- Provost for Boys' Hostel & Paro College of Education (March 2003- Aug 2004)
- Examination Unit Coordinator, Paro College of Education (July 2004 April 2013)
- Lecturer, National Institute of Education, Paro, Ministry of Education (January 2002 -2003)
- Lecturer, Teacher Training College, Ministry of Education (February, 1999 January, 2002)
- Teacher, Tangmachhu High School, Ministry of Education (July, 1997-February1999)
- Teacher, Sarpang Junior High School, Ministry of Education (Nov.1,1995-July 1996)

## **Teaching and Research Supervision**

Has written several courses and taught undergraduate and postgraduate students (both preservice and in-service) and supervised research dissertations to completion since 2012.

- M.Ed Supervisor (both Educational Leadership and Management and Dzongkha at Paro College of Education, Royal University of Bhutan, Jan 2013

  — till date).
- Taught postgraduate courses such as Research Methodology (Master of Education),
   Research dissertation (Master of Education), Curriculum Theory (Master of Education),
   Educational Assessment and Teaching Skills (Post Graduate Diploma in Education).
- Has developed and taught several undergraduate courses at the College of Education, Paro from 1999 till date, including Teaching of Mathematics, Mathematics Education, Descriptive Statistics, Inferential Statistics, Functional Mathematics, Introduction to Educational Action Research, Action Research Project, Teaching Skills and Teaching Strategies, Educational Assessment and Evaluation, Child Development, Learning Process, Understanding the Learner.
- Taught Functional Core Mathematics and Primary Curriculum Mathematics for Distance Teacher Education Programme, at National Institute of Education, Samtse, Bhutan (2000 – 2004).

## **Academic Programme Development**

Developed programmes and course materials for the enhancement of teaching, research and professional development at the Paro College of Education.

- Led and developed the course modules in Educational Assessment and Professional Experience modules for Postgraduate Diploma programme from 2018 to 2019.
- Led development of Professional Experience Handbook for Postgraduate Diploma progamme in 2019.
- Coordinated development of a three-tier system of teaching practicum for Postgraduate Diploma and Bachelor programmes in 2019
- Developed the primary and secondary mathematics courses for the Bachelor of Education (B.Ed) programme from 2008 to 2010
- Translated and wrote several course handbooks in Dzongkha such as Understanding the Learner, Educational Assessment and Teaching Skills for the Bachelor of Education (Dzongkha Distance) programme from 2002 to 2005.

## **Publications**

Journal Articles

- Tshewang, R., Chandra, V., & Yeh, A. (2019). Teachers' perceptions of contextual factors affecting the learning environment in Bhutanese eighth grade mathematics classes, submitted for Rabsel, CERD Journal, Paro College of Education as a lead author, accepted.
- Tshewang, R., & Lhamo, J. (2019). "Compassionate classroom teaching: Bhutanese teacher educators' perspectives and practices" submitted for Rabsel, CERD Journal, Paro College of Education (vol.19).
- Tshewang, R., Chandra, V. & Yeh, A. (2017). Students' and teachers' perceptions of classroom learning environment in Bhutanese eighth-grade mathematics classes. Learning Environments Research. Shared link: http://rdcu.be/n8vn. DOI: 10.1007/s10984-016-9225-6

#### **Books**

- Tshewang, R. (2015). Bhutanese eighth grade students' and teachers' perceptions of their classroom learning environment in relation to the new mathematics curriculum (PhD Thesis). Published by Queensland University of Technology, Brisbane, Australia. No. of pages: 345. Open access via: http://www.eprints.gut.edu.au/
- રૈત' केत' के' 'ત્વर' कें अ' भ्रीत' 'ત્વर' ત્ત્રુષ (૧૦૧૧) રુદ ર્યું ત્યામ પ્રેત્રા' વિશ્વપંત્રા Published by Paro College of Education, Bhutan. No. of pages: 116.
- रैद'केद'कु'अर्के देत'केद'केद'न्पर'।.....पर्ने'केद'न्पर'ऑ। (१०११) नुके'देव'प्यस'स्याया भी भी भी प्रीया (६०६) Published by Paro College of Education, No. of pages: 120.
- Dolma, P., Chettri, A. Raika, N.B., Galey, K., Tshewang, R., Fricot, M., & Rohrbach, C. (2007). Activity Folder: Constructivist ways of teaching mathematics. Published by Ministry of Education (MoE), and supported by SDC/Helvetas, No. of pages: 263
- Tshewang, R. (2006). *Investigating pre-service teachers' perceptions of socio-cultural contexts of teaching and learning mathematics in Bhutan.* Master research project submitted to Science and Mathematics Education Centre (SMEC), Curtin University of Technology, Australia.

# **Book Chapters**

Use of teaching-learning materials. In Nidup, T.Y., Dorjee, K., Peydey, K., Chhetri, L.N., & Gyemtsho, R. (Eds.). (2003). Teaching Skills: A handbook for teacher trainees, pp.62-66, NIE, Paro. ISBN-99936-623-0-5

# **Consultancy/Professional Services**

- Resource Person for the Crash course training on *teaching and learning, and educational* assessment to the teacher recruits under MoLHR's Overseas Employment Scheme; October 18-27, 2019
- Resource Person for the Crash course training on *teaching and learning, and educational* assessment to the teacher recruits under MoLHR's Overseas Employment Scheme; September 5-11, 2018
- Resource person for Action Research Workshop and Creative Teaching Workshop (in Dzongkha) for School Dzongkha teachers, IED, July 26-30, 2018
- Resource person for Action Research workshop for school principals organized by Teacher Professional Support Division (TPSD), MoE, May 11-17, 2018
- Resource person for Action Research workshop for Mentor Teachers organized by PCE, July 9-11, 2018
- Resource person for Action Research workshop for Kuzhugchen MSS teachers (8th April, 2017)
- Resource person for Crash course training on *teaching and learning, and educational* assessment to the teacher recruits under MoLHR's Overseas Employment Scheme; September 5-11, 2017
- Resource person for Research methodology workshop (in Dzongkha) to the Dzongkha Lecturers of Sherubtse College, December 20-24, 2017, organized by BIIMT, Paro.
- Resource person for Consultancy workshop on Pedagogy (*Teaching Skills, Teaching Strategies, Assessment and Learning Process and Teachers' Code of Conduct*) to the nurses, brothers and sisters of Jigme Dorji Wangchuck National Referral Hospital(JWNRH), Thimphu (June 2-11, 2016)
- Resource person for Consultancy workshop on "Educational assessment Summative and Formative Assessment" to private school teachers organized by Tayang Educational Consultancy, Paro.
- Resource person for Consultancy training on "*How to carry out formative assessment in the classrooms, and Individual Differences*" for private school teachers, Zhung Dratshang & Shoedra's Lopens organized by Tayang Educational Consultancy, Paro, 2009.
- Resource person for Familiarization Workshop on "Activity Folder: Constructivist Ways to Teaching Mathematics" to school mathematics teachers organized by MoE/Supported by SDC/Helvetas, 2008

## **Research Supervision to Completion**

- শুব নার্ন হিছি। (१०१०) ৡব র্টশ র্র্বার্ড্ শী প্রথার্থন স্থুব স্থাব স্থ
- Chophel, T. (2019). Impact of parental involvement in supporting children's learning. M.Ed (Educational Leadership and Management). Research project, Paro College of Education, RUB.
- सुर्य क्रुण अर्ळत्। (१०१०) दिन्नेर रेश र्स्सेन यु र्देण अदि र्स्सेन यु र्णिश र्थे गुदि र्स्सेन यु र्यं र्या स्वर्य स्वयं स्वर्य स्वर्य स्वयं स्वर्य स्वयं स
- पर्-भ्री-अर्ट-ऑ (१०१०) महेर-मधर-तिर्भुप-मु-भ्रेप-पर-स्थाप्त-स्थापन्त-स्यापन्त-स्थापन-स्थापन्त-स्थापन्त-स्थापन्त-स्थापन्त-स्थापन्त-स्थापन्त-स्थापन्त-स्यापन-स्थापन-स्थापन्त-स्थापन्त-स्थापन्त-स्थापन्त-स्थापन्त-स्थापन-स्थापन्त-स्थापन-स्यापन-स्थापन-स्यापन-स्यापन-स्यापन-स्यापन-स्थापन-स्यापन-स्यापन-स्यापन-स्यापन-स्यापन-स्

- प্র-অঙ্ঝার্ম্বার্ট্র্টুকুব্দ্শান্থ্র্ M.Ed (Dzongkha) research project, Paro College of Education, RUB.
- पर्ने क्षेत्र (४०१९) बर्च क्षेत्र क्ष
- पर्धेत प्रश्न र्रेहो (१०१५) र्श्चेन मुगाप्त पायते र्श्चेन देश दुवाप्यते र्श्चेन सुवार्क्क त्या स्वार्क्क विश्वेन स्वार्क स्वार्क्क विश्वेन स्वार्क स्वार्व स्वार्क स्वार्क स्वार्व स्वार्क स्वार्क स्वार्व स्वार्व स्वार्क स्वार्व स

#### **Professional Services**

Reviewer/evaluator

- 2019: Ethno-mathematics in Bhutanese Culture and Tradition: Participatory
  Research on the Praxis of applying Mathematics in the Culture and Tradition of Ethnic
  groups of people of Samtse, AURG research Proposal.
- 2019: त्र्वृण् कुण त्रहें क् गार्डुण याण ह्रिं च से र्तेण गी वेगस चन्नि प्य प्रमान्य हो प्राप्त के प्रमान के प्रमान
- 2019: Investigating whether pre-service teachers have opportunities in implementing contemporary reform practices (e.g. TRY THIS activity) in teaching mathematics. AURG research proposal.
- 2018: "Effect of 5E learning cycle on students' understanding of law of mechanical energy conservation" for Rabsel, Paro College of Education
- 2016: बुच र्खेग्रश्र हिंद प्राण्य प्रति विद्या हैंद र्श्वेय र्स्ट्र प्राण्य हैंद र्श्वेय प्रति प्रति हैंद र्श्वेय प्रति प्रति प्रति हैंद र्श्वेय प्रति प्रति हैंद र्श्वेय प्रति प्रति हैंद रश्वेय रश्