

Contact Details

Email : karmagaley.pce@rub.edu.bt

Current Job

Teaching

Paro College of Education, Royal University of Bhutan

Education

M.Ed in mathematics education (UNE, Australia, 1999); Graduate Certificate in Educational Studies (UNE, Australia, 2000) and B.Ed (Samtse College of Education, 1993 to 1996).

Employment History and Position Held

- Teaching at Paro College of Education (January 2011 -).
- Teaching at Samtse College of Education (July 1998 – December 2010).
- Lecturer and Asst. Controller of Examination at Paro College of Education (2012 - 2015).
- Lecturer and Programme Leader of B.Ed Primary at Samtse College of Education (2009 -2010).
- Lecturer and Head of Mathematics Department at Samtse College of Education (2007 – 2009).
- Lecturer and Coordinator of Certificate in Teaching of Primary Mathematics at Samtse College of Education (2005 – 2009).
- Lecturer and Coordinator of Distance Education Programme at Samtse College of Education (2001 – 2005).
- Teacher, Zangkhar Primary School, Lhuntse (July 1996 – June 1998).

Teaching

Taught primary mathematics to primary and pre-service and in-service teachers, mathematics education and ICT modules to pre-service secondary teachers, FIT modules to B.Ed primary, Diploma in Early Childhood and computer literacy to PgDE students.

Academic Programme Development

- Developed mathematics modules in Certificate in Teaching and Learning Primary mathematics for in-service teachers.
- Developed a mathematics module in M.Ed in primary mathematics (program not launched yet).
- Developed ICT Framework from preprimary to class 12 for Ministry of Education, Bhutan.
- Reviewed primary and secondary mathematics modules taught at colleges of education, Royal University of Bhutan.

Publications

- Jamtsho, S., Galey, K., Gyatsho, T., & Dekar, S. (2004). *An assessment of distance education at NIE*. Samtse: NIE Press.

- Jamtsho, S., Galey, K., Deker, S., & Gyatsho, T. (2006). Student and tutor perceptions of distance education programme for in-service teachers at NIE, Samtse. *Rig-Gter: Academic Journal of NIE*, 2, 39-49.
- Galey, K. (2013). Use of virtual learning environment at paro college of education. *JISTE 18*(1) 80-86.
- Galey, K. (2016). Using SOLO (Structure of the Observed Learning Outcome) model to study the developmental path of fraction understanding in primary school mathematics.
- Rohrbach, C., Fricot, M., Galey, K., Dolma, P., Raika, N. B., Chettri, A., & Tshewang, R. (2007). *Activity folder: Constructivist ways of teaching mathematics*. Thimphu: Ministry of Education.

Conference Presentation

Presented a paper on the use of Virtual Learning Environment (VLE) at Paro College of Education in 33rd ISFTE seminar at Hongkong, 2013.

Institutional Affiliation

- Member of mathematics subject committee, REC, MoE (2005 – 2009).
- Members of ICT subject committee, REC, MoE (2011 – 2017).

Professional Services

- Facilitated ICT management workshop for Regional Study Center coordinators (2006).
- Facilitated integrated subject methodology workshop in Mathematics (2007).
- Facilitated Certificate Course in Teaching Primary Mathematics for school teachers (2005–2009).
- Facilitated integration of ICT in teaching and learning workshop for lecturers of Samtse College of Education (2008).
- Facilitated new PP mathematics curriculum orientation programme to school teachers (2010).
- Conducted workshop on using Web 2.0 tool (pbworks) for lecturers of Samtse College of Education (2010).
- Conducted assessment in class PP workshop for school teachers (2011).
- Conducted workshop on designing e-portfolio using dream weaver for lecturers in Mathematics department, Paro College of Education (2011).
- Conducted basic IT workshop for school teachers under Chiphen Rigphel Project (2011 and 2012).
- Resourced National ICT curriculum framework workshop of MoE (2014).

Workshop Attended

- Attended five days workshop in Collaborating ICT in Distance Education in New Delhi (2002).
- Done three weeks course on Train-the-Trainers Programme in Information Communication Technology Skills for Secondary Education at Nanyang Polytechnic, Singapore (July 2003).

- A week-long training on designing Distance Learning Courses organized by ITU/BDT at TOT Academy, Bangkok, Thailand (December 2003).
- Attended Multimedia workshop resourced by Marc Piew (2004).
- Attended mathematics modules development programme, UNB, Canada for Lead Teacher's program (2005).
- Attended a week-long workshop on Designing Materials for Distributed Education at Lews Castle College, Stornoway, Scotland, UK (June, 2008)
- Attended a week-long school visit to Singaporean schools in relation to use of ICT in teaching and learning through WIRED project (2009).
- Attended a weeklong long Qualitative Research Methodology Workshop for faculty of Royal University of Bhutan (April 2014).
- Attended ten days workshop on Research Design, Methodology and use of SPSS, June, (2014).
- Participated and designed Foundation in Early Childhood Education and Functional Information Technology for Diploma in Early Childhood Care and Development at UNE, Australia (2014).