Technology for Teaching and Learning

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Mathematics and Science Education

Felina P. Espique, LPT, PhD
Dorothy De Vera Silva, LPT, PhD

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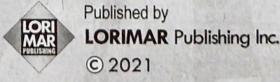
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Table of Contents

About the Authors

FELINA PANAS – ESPIQUE, LPT, PhD is the current Dean of the School of Teacher Education and Liberal Arts (STELA) of Saint Louis University, Baguio City, Philippines. She graduated with Latin Honors for her Bachelor of Secondary Education, Master of Arts in Special Education, and Doctor of Philosophy in Language Education. She also finished her Post Graduate Studies in Distance Education from the University of the Philippines Open University (UPOU).

She serves as Master Trainer for Intel Teach Philippines and WorldLinks Philippines. As trainer, she continually attends intensive trainings and actual applications of integrating ICT into teaching and learning. She has been actively attending and participating in SEAMEO, UNESCO, and CHED projects for the delivery of the educational technology and technology for teaching and learning courses in the teacher education programs in the country.

As a researcher, she was able to present papers in various national and international conferences and was able to publish researches in national and international refereed journals.

DOROTHY DE VERA SILVA, LPT, PhD is a professor in the School of Teacher Education and Liberal Arts (STELA) at Saint Louis University (SLU), Baguio City, where she teaches Science and Professional Education subjects. She finished her Bachelor of Secondary Education – Major in Science and Technology and her Master of Arts in Educational Management at SLU. She earned her PhD in Science Education at Don Mariano Marcos Memorial State University – South La Union Campus (DMMMS-SLUC) in Agoo, La Union.

Aside from teaching, she is currently the Quality Assurance School Representative of SLU-STELA and the adviser of SLU-Debate Society.

Dorothy started her journey as a trainer in 2006 where she became a course facilitator at the Regional Science Teaching Center (RSTC). She was a trainer of the Department of Education (DepEd) Bureau of Curriculum National Training for Science Teachers; Department of Education (DepEd) K to 12 Science Training in the Cordillera Administrative Region (CAR); Private Education Assistance Committee (PEAC) Senior High School (SHS) Inset Training in the different regions of the country; and as a master trainer of Intel Philippines. Currently, she is a trainer of the Science Teacher Academy for the Regions (STAR), a project of the Department of Science and Technology – Science Education Institute (DOST-SEI).