

Monalisa T. Sasing

Bio-note



Monalisa T. Sasing is a Science Education Specialist V and presently the Deputy Director for Research and Extension and Chair of the Information Science Group of the National Institute for Science and Mathematics Education Development (NISMED) of the University of the Philippines Diliman (UPD). She is also an affiliate faculty of the Faculty of Education of UP Open University, where she teaches undergraduate and graduate courses in mathematics and mathematics education and advises students of the Ph.D. in Education program. She earned her degrees in Bachelor of Science in Mathematics, Master of Science in Applied

Mathematics (major in Operations Research), and Doctor of Philosophy in Education (Major in Mathematics) from the University of the Philippines Diliman.

As a teacher trainer, she has been involved in professional development programs related to the use of technology in the teaching of science and mathematics. She headed the development and implementation of the Intel® Teach Pedagogical Support (Ped Support) System that was set up to provide instructional support to teachers trained on ICT integration under the Intel® Teach Program. The learning experience gained from utilizing such teacher support mechanism was published as a case study in 2007 in UNESCO's book on ICT in Teacher Education: Case Studies from the Asia Pacific Region, where she was the lead author. Recently, she was involved in the development of the modules for the course on learning delivery modalities which was developed in support of the Department of Education's implementation of its Basic Education Learning Continuity Plan in the time of pandemic. At present, she is part of the training team of the Department of Education's National Training on Pedagogical Retooling in Mathematics, Languages, and Science – Language and Learning Across the Curriculum *supporting assessment and emerging literacies with focus on PISA*.

She was also involved in the writing of the topic briefs on *Teacher Professional Development on ICT in Education in the Philippines* and *Digital Learning Resources in Philippine Schools* as part of RTI International's study on the *EdTech Ecosystem in the Philippines* that was funded by the USAID. Her recent research involvement was in the baseline study on the K to 3 mathematics instruction in the Philippines conducted by UP NISMED for USAID's ABC+ Project.