

STEM Education: SEAQiM's Response during Covid-19 for In-Service Teachers

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Abstract

During the Covid-19 pandemic, an appropriate effort is needed to help teachers prepare for learning. SEAQiM views STEM education as a strategic alternative because it prepares students to have 21st century skills. In addition, STEM learning can also prepare teachers to carry out post-pandemic learning because STEM is an integrated, fun, and real or applicable context approach. Therefore, of the 8 regular course themes carried by SEAQiM, the STEM topic is of particular concern.

Various forms of STEM-related programs have been carried out by SEAQiM for teachers in Southeast Asia, and have received good responses and results. The programs include Regular Course & In-Country Course on STEM in Math Education, Workshop on STEM+CT Learning Material, Workshop on STEAM Education Research, Workshop on STEM for Special Need Education Teachers, STEM Camp, Research Grants on STEAM, International Seminar on STEAM Education, SEAMETRICAL-STEM Edition, and STEM Village Activities.