

ONLINE TEST INSTRUMENT PREPARATION TRAINING ON PANDEMIC COVID 19 FOR HIGH SCHOOL PHYSICS TEACHERS IN SLEMAN

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ABSTRACT

This Community Service Activity (PPM) is in the form of training in the preparation of test instruments for junior high school teachers in selected science subjects, which aims to provide understanding and experience to teachers regarding 1) practice of online-based test instruments, 2) developing online-based modern test instruments and theories 3) preparation of online question instruments using Google Form. This PPM activity was carried out during the COVID pandemic, so it was carried out using the online method via video conference. Activities were carried out by training methods followed by assignments and mentoring in schools. The activities carried out consisted of training on the preparation of an assessment design and HOTS-based question grid with the PhyCoTeHOTS-CAT software, training on the preparation of question instruments based on the 2013 curriculum, training in item analysis using ITEMAN and Bilog MG software online, and practice of arranging question instruments with Google Form. This activity's target audience is 59 Senior High School (SMA) teachers in Sleman Regency, Yogyakarta Special Region. The results of this PPM activity are: 1) providing understanding to physics teachers about the principles of making good online test instruments, 2) providing understanding and experience to physics teachers in constructing useful online test instrument constructs, 3) providing understanding and experience to teachers in analyzing items using IRT, and 4) providing understanding and experience to teachers in compiling questions or online instruments using Google Form.

Kata Kunci: *training, mentoring, pandemic, COVID, high school teachers*