PELATIHAN PENGEMBANGAN DAN ANALISIS BUTIR TES SECARA IRT ASSESSMENT HASIL BELAJAR RANAH KOGNITIF UNTUK PARA GURU SMA/MA DIY

by Prof. Dr. Mundilarto, M.Pd., Dr. Edi Istiyono, Dr. Supahar

ABSTRACT

This Community Service (PPM) aims, after participating in this activity, participants are expected to be able to develop evaluation tools and item analysis in the implementation of the 2013 Curriculum for Physics teachers of SMA / MA in DIY. In particular participants became more skilled in compiling K-13 learning outcomes test assessment instruments using standardized steps, and were able to analyze the quality of instruments on an IRT basis in terms of their validity and reliability.

This PPM is in the form of training activities carried out in the classical form. The methods applied are lectures, information-discussions, and workshops. The steps of the activity include the orientation of the conditions of the target group, orientation to determine needs, determination of the schedule and place of implementation, implementation of activities, observation / reflection, evaluation, and preparation of reports. The target audience of this training activity are all physics teachers in DIY. Based on observations of PPM implementation, it can be concluded that the trainees of high school / MA physics teachers have increased skills in selecting and compiling cognitive assessment instruments in the form of learning outcomes tests, and experiencing improvement in using grain analysis software and how to interpret it.

Kata Kunci: *Pelatihan, Penilaian, fisika SMA*