

Training on the Development of Online Diagnostic Assessment Instruments (DOA) to Detect Data Literacy Skills and Graphic Representations for Madrasah Aliyah Teachers in the Special Region to Anticipate Learning Quality Constraints Due to the Covid-19 Pandemic

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ABSTRACT

Diagnostic test is a test model that is used to find out the weaknesses in a certain subject, so that based on this test can determine the appropriate steps to take action in overcoming these weaknesses. The offline diagnostic test model has been developed by many researchers, while the diagnostic test model has not been developed much. Therefore, this activity aims to (1) provide training to teachers to understand the diagnostic assessment instrument model used in learning, (2) train teachers to represent data into visuals through graphics, (3) train teachers to apply this This is because the variation of questions is still lacking for analysis, and (4) training teachers to do online diagnostic tests to detect the ability of graphical representations and data literacy.

This community service uses the online workshop method as an alternative for educators in improving diagnostic assessment competencies during the Covid-19 pandemic. The activity was attended by 29 participants consisting of physics teachers at Madrasah Aliyan throughout the Yogyakarta Special Region.

The results of this dedication show that most of the Physics Science teachers at Madrasah Aliyah in the Special Region of Yogyakarta expect the continuation of this activity, considering that the online diagnostic test model is something that is considered new for most of the Physics science teachers at Madrasah Aliyah. MA teachers still have difficulty applying online diagnostic tests so that the continuation of this activity in the coming year is still expected

Kata Kunci: Diagnostic assessment, data literacy, graphic representation, Madrasah Aliyah teachers