

# **Training on Preparation of Learning Implementation Plans and Higher Order Thinking Skills (HOTS) Assessment Tools for MA Mathematics Teachers in Sleman Yogyakarta**

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## **ABSTRACT**

This service aims to carry out training in the preparation of the Learning Implementation Plan and the Higher Order Thinking Skills (HOTS) assessment tool for MA mathematics teachers in Sleman Yogyakarta. The methods used in this service are training, workshops, and mentoring. In the training activities, devotees provide training to MA mathematics teachers on the preparation of the Learning Implementation Plan and the Higher Order Thinking Skills (HOTS) assessment tool in mathematics. The training activities continued with workshops and followed by mentoring for teachers during the completion of the lesson plan and HOTS assessment tool.

This community service was attended by 67 mathematics teachers who joined the Mathematics MGMP MA in Sleman Yogyakarta. In the training the material was discussed about the importance of preparing Learning Implementation Plans and Higher Order Thinking Skills (HOTS) assessment tools by mathematics teachers in schools. The training continued with workshops and was accompanied by assistance in writing the Learning Implementation Plan and Higher Order Thinking Skills (HOTS) assessment tools. The results of the dedication show that based on the responses of the teachers, the training in the preparation of the Learning Implementation Plan and the Higher Order Thinking Skills (HOTS) assessment tool is very beneficial for MA mathematics teachers by producing teaching materials in the form of Learning Implementation Plan and HOTS assessment tools by the teachers. The final results of the activity make the teachers have teaching materials in the form of lesson plans and HOTS assessment tools that are ready to be used by teachers in their respective schools.

Kata Kunci: *training, mathematics, RPP, HOTS*