

SCIENTIFIC ARTICLE PREPARATION TRAINING TO IMPROVE SUSTAINABLE PROFESSIONAL PROGRAMS FOR PHYSICS TEACHERS AT SMA/K

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ABSTRACT

The training activities for preparing scientific articles for physics teachers in SMA/K aim to: 1) Increase the knowledge of trainees about basic concepts, theories and principles regarding writing scientific articles, 2) Improve the skills of trainees in writing scientific articles that are worthy of being published in scientific journals, and 3) Increase the motivation of trainees to write scientific articles.

This activity is intended for vocational physics teachers who are members of the Bantul Regency Vocational Physics MGMP which includes public and private SMKs. To achieve effectiveness, 20 vocational physics teachers will be invited, both from public and private SMKs in the Physics MGMP in the Bantul Regency area. This activity method includes lectures, information-discussions, workshops, and limited dissemination adapted to the pandemic era (new normal era adaptation).

Based on the results of the activities and the evaluation of the implementation of the activities, it can be concluded that 1) The mentoring and training carried out has increased the trainees' knowledge of basic concepts, theories and principles regarding writing scientific articles, 2) The training activities have increased the skills of the trainees in writing scientific articles that are worthy of publication in scientific journals, and 3) The achievement of the program was able to increase the motivation of the trainees to write scientific articles.

Kata Kunci: *scientific articles, teachers, writing*