

# **Increasing of Ability to Write Journal Articles and Research Methods for Vocational High School Teachers Using Blended Learning at Subject Teacher Deliberations of Electricity Utilization Installation Technique in Bantul.**

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## ABSTRACT

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The purpose of this community service activity is the teachers can: (1) improve the ability of the method and the preparation of classroom action research proposals and research and development; and (2) increase knowledge about writing journal articles.

These activities include: (1) workshop on writing journal articles and research methods carried out directly in the library of SMK N 1 Pundong on May 5 and 12 2018; and (2) deepening and guiding methods, compiling proposals, and compiling online journal articles using the Teacher Continuing Professional Development-based mobile learning application program from 13 May to 2 June 2018. The community service activity was attended by 22 teachers from the TIPTL MGMP in Bantul. The methods used in community service activities include: lectures, questions and answers, discussions, tutorials, online guidance and tests.

After participating in the community service activities, it turned out that the teachers could: (1) increase their ability about methods and the preparation of classroom action research proposals and research and development, which were marked by the acquisition of posttest average values ??of 75.91 and increase the pretest value was 28.20%, and (2) increase knowledge about writing journal articles, which was marked by the acquisition of posttest average value of 71.82 and an increase in posttest scores from the pretest value of 42.36%.

Kata Kunci: *journal articles, research methods, blended learning.*