

FACILITATING RESEARCH-BASED ACADEMIC PUBLICATION THROUGH DIGITAL TECHNOLOGY OPTIMIZATION FOR TEACHERS IN WUKIRSARI VILLAGE, CANGKRINGAN SUBDISTRICT, SLEMAN REGENCY

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ABSTRACT

The Community Service (PkM) in Regional Development aims to: (1) provide insights to teachers on the Systematic Literature Review research method, (2) equip teachers with skills to conduct research using the SLR method and compile articles, and (3) provide skills to teachers in web-based digital technology for reference exploration. The target area for PkM is schools located in Kalurahan Wukirsari, one of the villages in Cangkringan Subdistrict, Sleman Regency.

The participants in this activity are 39 teachers from 13 schools located in Kalurahan Wukirsari, ranging from elementary to high school levels. PkM is conducted in the form of workshops and mentoring. The workshop took place on June 14-15, 2023, at the Auditorium Room of SMK 1 Cangkringan, Sleman Regency.

The pre-test results show an average participant score of 40.513, while the post-test average reaches 67.436. Through the comparison analysis of pre-test and post-test, the average N Gain shows a value of 0.434, categorizing it as "Moderate". This means that the workshop successfully influenced the increase in teachers' knowledge and skills. However, in terms of the percentage interpretation of the N Gain values, the workshop tends to be less effective. The survey on the evaluation of the activity filled out by participants indicates that the majority of participants gave ratings of "Very Good" and "Good". Although most participants believe that the workshop material is relevant to the needs of teachers, there is a paradox, namely the lack of motivation among participants to follow up the workshop into tangible outputs/products, such as articles.

The main output of this PkM is a scientific article on the implementation of PkM. The first scientific article has been submitted to the Proceedings of the ICERI 2023 ISSN (to be published in 2024), while the second article has been submitted to the Prima Edukasia journal (under review). Additional outputs of this PkM include (1) four Implementation Agreements, (2) one Intellectual Property Rights (Haki) Activity Sheet, (3) one coverage in social media (Instagram @s1manajemenpendidikanuny), and (4) an advertorial in an online media outlet (published on kr.jogja.com).

Kata Kunci: *scientific writing training, teacher professional development, Systematic Literature Review*