

Enhancing Research Skills by Delivering Action Research Method and Data Processing Software For Teachers at High school in Bantul District of Yogyakarta

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ABSTRACT

Community service activities is a training activity aimed to provide knowledge and skills of the participants in conducting classroom action research (PTK) so that teachers can find the problems faced in the classroom, then broke and then develop them. In other words, this event has a goal to improve and or improve instructional practices so that there is improvement in the condition and quality of continuous learning. PPM activities target audiences are teachers of high school in Bantul district which amounts to 9 people. PPM implementation of the activities performed by the method, lectures, practice and exercise of data processing software program. Caramah method is used to explain the concept of PTK. This method of training is intended to allow participants to practice making PTK research proposals and practices aimed participant software program or teacher is able mengoperasikan mngolah software program for research data. Availability of sources that are reliable in PTK and software programs in the Department of Management FE UNY, the enthusiasm of the participants, head teacher support, and funding support from the faculty is supporting the implementation of PPM. Nevertheless, there are still obstacles that any of the participants prior knowledge about research and software programs is still low. The benefits obtained by the participants is the increased ability of teachers in the mastery of research methodology, particularly class action research along with quantitative analysis tools. Quantitative tools needed when teachers will evaluate the effectiveness of the actions that have been given to student achievement and the learning process as a whole. Thus there is improvement of quality of learning and professionalism of teachers in carrying out the noble task of educating students.

Kata Kunci: Action Research, software, competence, activities