

DEVELOPMENT OF MATHEMATIC PPG TRAINING MATERIALS BASED ON TECHNOLOGICAL PEDAGOGICAL AND CONTENT KNOWLEDGE

by Dr. R. Rosnawati, M.Si, Dr. Ariyadi Wijaya, Tuharto, M.Si

ABSTRACT

The main objective of this research is to develop teaching materials for PPG Mathematics training based on technological pedagogical content knowledge in an effort to improve workshop management as an effort to improve the quality of education. The research method used was development research methods. The development model used was a general model for solving problems in education as proposed by Plomp. The model consisted of 5 phases, namely the preliminary investigation phase; design phase (design); realization / construction phase; test, evaluation and revision phases (test, evaluation and revision); and implementation (implementation). In the first year the phases carried out are the initial phase, the design phase, and the construction phase

The results of the research are expected to be in the form of PPG Mathematics training teaching materials in a position based on technological pedagogical content knowledge, in the form of training materials, development of learning tools, in the form of lesson plans development materials, teaching materials, media and teacher competency instruments.

Kata Kunci: *Mathematics PPG, TPACK*