

# **SUMMARY OF ACTIVITIES PPM TRAINING CLASS ACTION RESEARCH (CLA) FOR THE THE STATE GURUSMK I Magelang Ontario**

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## **ABSTRACT**

The aim of this activity is: (1). Provides insight on general research on teachers SMK 1 Magelang. (2). Creating teachers SMK Milan have the ability to do research in particular Action Research (PTK) correctly.

The target audience of the PPM are teachers of SMK Negeri 1 Magelang. The number of teachers is 245 persons. Based on a variety of considerations, the activity is only taken 20 teachers from the program of utilization of Power Engineering and Air Conditioning System. Of the 20 participants were active only 16 teachers.

In order to solve permasalahan dilakukan training classroom action research (PTK). Training was conducted involving 3 (three) professors of PT. Electro FT UNY and two (2) students who help in pelaksanaandi lapangan. Pelatihan done classical and tutorials. The method used in the classical discussion and question and answer session. After learning classical done, what's next in the tutorial program yaitulatihan make research proposals. The beginning of the creation of the proposal is to develop Chapter I. This program is for individuals or small groups accompanied by a resource.

The results of the Community Services (PPM) is: Was implemented PPM activities with training material Action Research (PTK) for teachers SMK I Magelang. The training went well because in its implementation are fully supported dandimotivasiolehKepalaSekolah. In addition parapesertabenar full desire to make research, especially research Class Action. The training was conducted in classical Saturday 20 August 2016 09.00 - 14.00. Activities implemented tutorial post classical training with a relatively limited. Aftercare classical participants with guidance and resource to create a research proposal did not find the problem and determine sesuaai then formulate their respective fields (Sorting Chapter I). Furthermore parapesertamembuat proposaal research as a whole in accordance with their respective fields. In making the proposal, the participants dapatkonsultasikanara jikamengalamikesulitan sources. Implementation guidance or consultation can be carried out directly or through e-mail

Implemented training classroom action research (PTK) for teachers SMK I Magelang. Implementation pelatihandilaksanakan: (a). Traditionally (b). Tutorial. Training classically executed Saturday 20 August 2016 09.00 - 14.00. Activities implemented tutorial post classical training with a relatively limited. Although not perfect, the participants are able to make a proposal Chapter I. To make full proposals, conducted coaching individually or in small groups. It is recommended: (1). The participants have a strong intention to be able to do research. (2) The participants must be willing to practice and training in order to make the proposal properly. (3). The pengabdiPPM sincerely opens the door to help, suggested the pesertapelatihan take this opportunity wisely. (4). On the basis of suggestions (3), consultations can be done by phone or come directly to the Education Department of Electrical Engineering FT UNY or via e-mail

*Kata Kunci: Training, Classroom Action Research (PTK), Master Production I Magelang*