

**ABSTRACT**

**Awaluddin Makaraka.** 2019. Analysis of Pedagogical Content Knowledge (PCK) of Female Students of Teacher Candidate in Mathematics Learning Considered from Difference of Academic Achievement (supervised by Maru'fi, and Muhammad Ilyas).

This research aimed at describing Pedagogical Content Knowledge (PCK) of female students of Mathematics teacher candidate related to aspe of PCK, whether about matter knowledge, pedagogical knowledge, or knowledge about students in learning of trigonometry matter in SMA. This research was descriptive qualitative research. The subjects of the research were two female students of Mathematics teacher candidate who conducted apprentice activity at SMA Negeri 1 Palopo. Technique of collecting data was conducted by observing learning process in classroom with video recording by using handy cam. Data was analyzed by the following steps: data reduction , data categorization, and conclusion. This research shows that the students of teacher candidate can explain fact, concept and procedural aspect of trigonometry matter. It is the same as organization aspect and implementation of learning strategy with different level between both of subjects. The next finding is that the female students of teacher candidate are difficult to identify the difficulty source of student concept comprehension and they cannot find effective way to overcome students' misunderstanding. This case causes the difficulty of teacher candidate to overcome students' misconception which often happens by procedure and appropriate mathematics rule and more focus to skill inaccomplishing example of question than fix difficulty of concept comprehension and overcome misconception which often appears.

Keywords: Pedagogical Content Knowledge (PCK), students of teacher candidate, mathematics learning

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