

Analysis of Teaching Models for Preservice Science Teachers in Indonesia.

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ABSTRACT

. The development of preservice science teachers is an essential process in producing professional science teachers. The teaching model used by university needs to be oriented towards the appropriate competence of science teachers. This is the need for analysis to explore the teaching model used in University. This study aims to analyze the teaching model in several university in Indonesia in producing science teachers. This study uses qualitative research with case studies (qualitative case study) to obtain information about the teaching model in university in producing science teachers. The subjects of this study consisted of science lecturers in several university in Indonesia. The data was obtained using an interview technique in the type of structured interview. Furthermore, the data were analyzed using the Miles and Huberman analysis technique. The results showed that the teaching model for prospective science teachers used in several LPTKs varied, namely using innovative learning strategies, utilizing technology, and integrating service research into lectures. In planning learning, there are several patterns that are carried out by lecturers at LPTKs. There are several obstacles experienced by prospective science teacher students in carrying out the scientific method, among others, in terms of finding problems from a phenomenon, asking questions, reviewing reference sources, formulating hypotheses, designing experiments and conducting experiments.

Kata Kunci : *analysis, teaching model*