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SCIENCE TEACHER'S VIEW, UNDERSTANDING NATURE OF SCIENCE AND LEARNING MANAGEMENT ON NATURE OF SCIENCE IN THE ISLAMIC PRIVATE SCHOOL IN PATTANI, THAILAND

Abstract:

This paper is based on research relating to science teachers' view, understanding the Nature of Science and learning management on nature of science in the Islamic Private School in Pattani, Thailand. The study samples that selected by purposive sampling method, were 7 science teachers at Islamic Private School in Pattani, Thailand. Instruments were questionnaire, semi-structured interview, observation and field notes. The data were analyzed through coding, categorizing and descriptive statistics. The results of the study revealed that, 1. Science teachers in the Islamic Private School in Pattani held mixed views about the nature of science, which are traditional baconian view and the constructivist view. 2. Science teachers in the Islamic Private School in Pattani held good understanding on the nature of science but they owned various understandings in each detailed elements of the nature of science. 3. Science teachers in the Islamic Private School in Pattani provided learning management mostly through deficient approach, then didactic approach, followed by implicit approaches, and explicit approaches respectively.

Keywords:

View, Understanding, Learning management, Nature of science, Islamic private school