

Thesis Title A Training curriculum design on Environmental study for the secondary school teachers under the jurisdiction of the General Education Department, Ministry of Education: A case study of Samut Prakan Province.

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ABSTRACT

The purpose of this study was to design a training curriculum design on environmental study for the secondary school teachers under the jurisdiction of the General Education Department, Ministry of Education: a case study of Samut Prakan province.

The tested samples were 319 secondary school teachers in the 1987 academic year of the 19 secondary schools in Samut Prakan province. The data were collected through the knowledge test on the environmental study which was designed by the researcher herself. The reliability of the knowledge test was 0.90 respectively. The data were analyzed by means of the arithmetic mean and the standard deviation.

The result were as follows:-

The secondary school teachers' knowledge towards the environmental study were found below the standard level in four categories:-

Ecosystem and Equilibrium; Air Pollution; Toxicological Problem from Food; and Pesticides Problem. Thus the training curriculum was constructed and based upon the above findings.

The structure of the training curriculum was composed of four components: Objective, Content, Process, and Evaluation.

Firstly, the objective was aimed to give the general and basic knowledge in both principle and theory of environmental study. The trainees should get a better understanding in environmental quality controls as well as to apply that knowledge into their daily teaching works.

Secondly, the content of the curriculum was designed to be the seminar of principle and theory of environmental study, and the study - cum - observation tour.

The course duration was five days long.

Thirdly, the process of the training course were conducted through lectures, discussion, case study, and the study - cum - observation tour.

Finally, the evaluation of the training course should be done by the pre - test evaluation, the post - test evaluation, the in - time assessment and the follow - up one.