

## Abstract

The objective of this research was to study the competency using and development innovation and information technology education of teachers. To be aware of the competency, compare and relationship using and development innovation and information technology education of teachers in the area 14 southern provinces of Thailand. Data collection used questionnaire included questions on knowledge, skill, attitude and depth expert interviews. The samples of research were the teachers in the area 14 southern province of Thailand from the school belong to office of the Basic Education Commission, Ministry of Education consisted 681 schools. The sample size proportion assigned to each school, the sample method is stratified random sampling. The research finding revealed as follows :

1. The competency using and development of innovation and information technology education of teachers was overall at the high level ( $\bar{x} = 3.5455$  S.D. = .53326). Considered in each aspect, it was found that the knowledge have competency at the medium level ( $\bar{x} = 3.4664$  S.D. = .53326), skill ( $\bar{x} = 3.5119$  S.D. = 0.568793) and attitude ( $\bar{x} = 3.6621$  S.D. = .59813) have competency at the high level.

2. The comparison competency was overall : knowledge, skill and attitude differently at the .01 level with statistical significance.

3. The relationship competencies was overall , it was found that the knowledge skill and attitude have relation at the .01 level with statistical significance.