Development of Creatively Integrated Teaching Skills Using Information and Communication Technology for Professional Teacher

Authors : Siwanit Autthawuttikul, Prakob Koraneekid, Sayamon Insa-ard

Abstract : The purposes of this research were to development creatively integrated teaching skills using Information and Communication Technology (ICT) for professional teacher in schools under the education area of the basic education commission, ministry of education both schools under the office of primary education and those under The office of secondary education in eight western region provinces of Thailand. This is useful in defining a vision for the school strategy and restructuring schools in addition, teachers will have developed skills in teaching creative integrated ICT. The research methodology comprises quantitative and qualitative data collection. The Baseline Survey, focus group for discussions and then the model was developed creatively integrated teaching skills using ICT. The findings showed that 7 elements were important: (1) Academy Transformation (2) Information Technology Infrastructure (3) Personal Development (4) Supervision, Monitoring and Evaluation (5) Motivating and Rewarding (6) Important factor affecting the success of teaching integrated with ICT were knowledge, skills, attitudes and (7) The role of the individual concerned. The comparison creatively integrated teaching skills before and after participating in the overall shows that the average creatively integrated teaching skills using ICT after attending the event is 3.27, and standard deviation was 0.56, higher than before which is 2.60 and the standard deviation was 0.56. There are significant differences significant statistically level of .05. The final average score of the evaluation plan design creatively integrated teaching skills using ICT teachers' average score was 26.94 at the high levels.

Keywords : integrated curriculum, information and communications technology, teachers in the western region, schools