



**TITLE :** ICT Competency Development Model for Administrators in Basic Education School, under the Office of the Basic Education Commission.

**AUTHOR :** Pramote Wangsa-ard                      **DEGREE :** Ph.D. (Computer Education)

**ADVISORS :** Asst. Prof. Dr. Worapapha Arreerard                      Major Advisor

Assoc. Prof. Dr. Sombat Tayraukham                      Co-advisor

Asst. Prof. Dr. Tharach Arreerard                      Co-advisor

**RAJABHAT MAHA SARAKHAM UNIVERSITY, 2015**

## **ABSTRACT**

The objectives of this research were to, develop and tryout the ICT competency development model for basic education administrators school. The target group of the research, the first phase were 362 teachers, supervisors and administrators, the second phase was 7 experts and the third phase were 35 administrators in basic education school. The instruments used in the research were a questionnaire, a test, and a performance evaluation. The statistics used in the research were percentage, mean, standard deviation and factor analysis.

The research results found that, the ICT competency of the basic education administrators school consisted of: (1) 11 indicators of educational ICT use, (2) 12 indicators of ICT use in learning management, (3) 8 indicators of ICT infrastructure development, 4) 7 indicators of ICT use in administration, (5) 5 indicators of promotion, support and evaluation of ICT use, (6) 5 indicators of ICT use of government electronic work. The development of ICT competency was composed of 5 components: learning media, activity, result evaluation, a mentoring technique and online social network. The training was consisted of 6 units. The result of the model tryout found that the model had its efficacy in accordance with the criterion E1/E2 at 81.36/ 89.33. In the aspect of knowledge, the effectiveness index was 0.72.