

Information Communication Technology (ICT) Using Management in Nursing College under the Praboromarajchanok Institute

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Abstract : Information Communication Technology (ICT) using management is essential for effective decision making in organization. The Concerns Based Adoption Model (CBAM) was employed as the conceptual framework. The purposes of the study were to assess the situation of Information Communication Technology (ICT) using management in College of Nursing under the Praboromarajchanok Institute. The samples were multi - stage sampling of 10 colleges of nursing that participated include directors, vice directors, head of learning groups, teachers, system administrator and responsible for ICT. The total participants were 280; the instrument used were questionnaires that include 4 parts, general information, Information Communication Technology (ICT) using management, the Stage of concern Questionnaires (SoC), and the Levels of Use (LoU) ICT Questionnaires respectively. Reliability coefficients were tested; alpha coefficients were 0.967 for Information Communication Technology (ICT) using management, 0.884 for SoC and 0.945 for LoU. The data were analyzed by frequency, percentage, mean, standard deviation, Pearson Product Moment Correlation and Multiple Regression. They were founded as follows: The high level overall score of Information Communication Technology (ICT) using management and issue were administration, hardware, software, and people. The overall score of the Stage of concern (SoC) ICT is at high level and the overall score of the Levels of Use (LoU) ICT is at moderate. The Information Communication Technology (ICT) using management had the positive relationship with the Stage of concern (SoC) ICT and the Levels of Use (LoU) ICT ($p < .01$). The results of Multiple Regression revealed that administration hardware, software and people ware could predict SoC of ICT (18.5%) and LoU of ICT (20.8%). The factors that were significantly influenced by SoCs were people ware. The factors that were significantly influenced by LoU of ICT were administration hardware and people ware.

Keywords : information communication technology (ICT), management, the concerns-based adoption model (CBAM), stage of concern (SoC), the levels of use (LoU)

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