

Waewadee Puttharaksa 2014 : The Need of Using Intranet System of The Rice Department Employees. Master of Science (Agricultural Extension), Major Field: Agricultural Extension, Department of Agricultural Extension and Communication. Thesis Advisor: Associate Professor Pichai Tongdeelert, Ph.D. 184 pages.

The objectives of this research were to study 1) personal factors, 2) knowledge about intranet factors, 3) the information technology and communication supporting of the department factors, 4) attitude factors toward intranet system of the employees in the rice department, 5) need of using intranet system and 6) relationship between personal factors, knowledge about intranet factors, the information technology and communication supporting factors of the department, attitude factors toward intranet system of the employees in the rice department and the need of using intranet system.

The samples of this study were the Rice Department in Center administration 184 persons. The data were collected in May, 2014 by using questionnaire. The data were analysed through statistical using frequency, percentage, arithmetic mean, standard deviation, minimum and maximum figure and Chi-square to test hypotheses.

The results of this research found that the most of the Rice Department employees/personnel (70.1%) were females with average age 32.10 years old. Education level in Bachelor's Degree(62.5%), worked in research and rice development department (23.9%), government officer position (43.5%), salary 14,501-19,000 bath (34.2%) and average working period 3.39 years. The knowledge of intranet samples were in high level (mean = 17.88), the information technology and communication supporting of the Rice Department were at moderate level (mean = 58.64), the attitude towards intranet system were at high level (mean = 28.03), the overall of the need of using intranet in personal were at moderate level (mean = 50.66) and including the need of using intranet system both in service and co-ordination aspect (mean = 18.41, mean = 13.75). The need of using intranet system in information aspect was at high level (mean = 18.74).

The hypotheses testing were found that the factor of personal factor included : sex, age, educational level, department, type of personnel and salary had no relationship with the Rice Department personnel's need of using intranet system. The factors which related to this group of employees's need of using intranet system were working period, knowledge about intranet, the information technology and communication supporting of the department factors and the attitudes towards intranet system.

Student's signature

Thesis Advisor's signature