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| <b>Project</b>     | Development of Information Technology system for research administration of the Siam University |
| <b>Researchers</b> | 1.<br>2.<br>3.  |

### **Abstract**

This research study is a survey research entitled “Development of Information Technology system for research administration of the Siam University” of which its objectives are 1) to design and develop information technology system for research administration befitting the research promotion and development bureau of the Siam University 2) to conduct experimentation , assessment of usage and improvement of technology information system for research administration of the research promotion and development bureau of the Siam University 3) to explore satisfaction of users toward services of the technology information system of the Siam University.

Population supplying useful information for this research study is a research committee, lecturers and personnel from all institutions of the Siam University totaling 556 individuals. A researcher employed a purposive sampling model by which 130 surveyed persons consisting of 112 researchers acquiring research funds in B.E. 2549-2551 and 18 members of the research committee appointed by the President acted as samplings. According to the said survey, there have been 108 commentators to the above-mentioned system or 87 percent of the whole samplings. A Tool utilized for collection of data in this research is by means of a questionnaire comprised of three Parts, i.e., Part I concerning general information of the questionnaire respondents ; Part II regarding satisfaction of information technology system for research administration divisible as 5 degrees with 16 questions and Part III involving open-ended questions in the suggesting and miscellaneous sections. Presentation of a research result is divided into two Portions as follows: Portion I with regard to details of the information technology system for research administration and the other Portion respecting survey outcome of users’ satisfaction of information technology system for research administration by applying a SPSS program in

analysis of the general information of questionnaire respondents such as frequency, percentage and standard deviation. Relating to analysis of data to compare satisfaction for the information technology system for research administration, t- test statistics as well as One Way ANOVA are applied.

For Part I of the research outcome with respect to design and development of the information technology system for research administration, the researcher has designed principal menus containing the following details important to research.

1. Menu introducing the institution comprising background and origin of the research promotion and development bureau, structure of research administration, a list of members in the research committee, and personnel in the research promotion and development bureau.

2. Menu displaying research papers consisting of completed research papers, pending research papers, published research articles and proposed research projects seeking funds out of the budget of the year 2551.

3. Menu describing research methodology consisting of policy, measure and direction of research, regulations on research promotion, granting policy of research fund, method for proposing research project, fund-applying steps, descriptions accompanying research project, research definitions, researcher's code of conduct , human and animal experimentation, suggestions on writing of research report, citation form of foreign document, presentation of finished research paper, research administration forms, and guideline for publication of research paper

4. Menu of data involving research, research fund from institutions of both public and private sectors including news regarding research seminars.

5. Menu concerning research administration forms

6. Menu regarding publication guideline of research report

7. Links to other research institutions

Part II of the research outcome concerning users' satisfaction of information technology system for research administration of the Siam University has demonstrated that commentators to the said system are 108 persons calculable as 87 percent of the whole samplings. Most of questionnaire respondents have satisfaction with the information technology system for research administration at a moderate degree ( $\bar{X} = 3.21$ ). Upon comparing satisfaction with the information

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technology system for research administration according to sex, academic level, and research experience, a test result can be concluded that difference in sex and academic level has made no difference in overall satisfaction of the information technology system for research administration whereas difference in research experience has enjoyed satisfaction of the information technology system for research administration at the overall noticeable significance of 0.05. When testing difference between two groups, its has been found that researchers with research experience less than 1 year, 1-5 years and 6-10 years have been different in satisfaction of the information technology system for research administration than those exceeding 10-year research experience.

**Research title:** "[PRINT RESEACRH TITLE HERE]"

**Researcher:** 1.  
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### **ABSTRACT**

[Type abstract here (Statement of the Problem)]

[Type abstract here (Objectives)]

[Type abstract here (Research Methodology)]

[Type abstract here (Major Findings)]

[Type abstract here (Recommendations)]

**Keywords:** [Type keywords here ]