

THE STUDY OF THE EFFECTIVENESS OF FUND DISBURSEMENT IN THE PROJECTS OF THE PERSONNEL AT THE FACULTY OF SCIENCE AND TECHNOLOGY, SUAN SUNANDHA RAJABHAT UNIVERSITY

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Abstract

This study aimed to examine the efficiency of project fund disbursement among personnel of the Faculty of Science and Technology at Suan Sunandha Rajabhat University. The sample consisted of 95 faculty members and administrative staff, selected using simple random sampling. A structured questionnaire was employed as the primary instrument for data collection. Data were analyzed using frequency, percentage, mean, standard deviation, and the F-test

Keywords: Fund Disbursement, Project Effectiveness, Faculty and Staff

Introduction

The Office of the Dean of the Faculty of Science and Technology includes the Finance, Treasury, and Supplies Unit, which is a vital section connected to every department. The performance of supplies and financial work in the civil service system is governed by the Ministry of Finance, which mandates disbursement procedures. These procedures ensure that the financial and supplies disbursement processes within government agencies are systematically, procedurally, and continuously supervised. The service provided by the Finance, Treasury, and Supplies Unit must involve correct disbursement procedures, adherence to regulations, and the facilitation of disbursements for service recipients. Disbursement according to the regulations and announcements of Suan Sunandha Rajabhat University concerning finance and treasury, as per the Ministry of Finance, involves several related regulations. These include the disbursement of funds for educational management, which is carried out based on the allocation from the Strategy and Planning Unit, and the disbursement of remuneration for part-time teaching and teaching exceeding the workload of academic personnel, where the disbursement criteria and documentation follow the resolutions of the meeting for each semester. Furthermore, there are announcements regarding disbursement that align with university regulations, which university personnel should know and understand because they concern the Faculty of Science and Technology under the supervision of the university. These include the disbursement of compensation for working outside official hours (overtime), the disbursement of expenses for official travel, and the disbursement of expenses for training, academic conferences, or workshops.

After the Finance, Treasury, and Supplies Unit receives the disbursement documents, the finance officer will check the documents for accuracy, completeness, and adherence to standard operating procedures before proceeding with the payment. If there are any errors, the finance officer will return the documents for correction before the funds are disbursed. Most of these disbursement documents, including various coordination tasks, are prepared by the

supporting staff of the respective units. A problem identified in past disbursement processes is that payments are often delayed because the submitted disbursement documents are incorrect.

Therefore, due to the aforementioned issues, the researcher is interested in studying the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University. The objective is to use the resulting data as a guideline for developing personnel to ensure efficient fund disbursement, which will benefit the Faculty of Science and Technology in the management of budget disbursement.

Research Objectives

To study the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University.

Scope of the Research

Scope of Content

This research is a study of the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University.

Scope of Population

The population consists of the personnel at the Faculty of Science and Technology, specifically the academic staff and the academic support staff, totaling 126 people.

The sample consists of the personnel at the Faculty of Science and Technology, specifically the academic staff and the academic support staff, totaling 95 people, with a margin of error of 0.05, calculated using the Krejcie and Morgan formula.

Scope of Variables Studied

The independent variables are general information, including: gender, type of personnel, project experience, involvement or non-involvement in project disbursement, and position in the project.

The dependent variable is the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University.

Scope of Time

This research study will be conducted during the period from February 1, 2025, to August 31, 2025.

Research Methodology

The study of the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University, can be conducted following these steps:

Population and Sample Used in the Research

The population consists of the academic staff and academic support staff of the Faculty of Science and Technology, totaling 126 people. The sample consists of the academic staff and academic support staff of the Faculty of Science and Technology, totaling 95 people, calculated using the sample size formula of Krejcie and Morgan (Krejcie and Morgan, 1970 cited in Wanlop Ratchatranon, 2016).

Research Instrument

The instrument used in this research is a questionnaire on the study of the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University. The questionnaire is divided into three parts:

Part 1: Consists of questions about general information, which are closed-ended questions requiring a single answer, totaling 5 items. These include: gender, type of personnel, experience in project implementation, involvement or non-involvement in project disbursement within the Faculty, and position in the project.

Part 2: Measures the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University, totaling 8 items. These are divided into two aspects: (1) Perception and understanding of project fund disbursement procedures (4 items), and (2) Effectiveness of project fund disbursement (4 items).

Part 3: Covers problems, obstacles, and additional suggestions regarding the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University.

Data Collection

For data collection, the researcher used the questionnaire to collect data from the sample group of 95 people. The researcher followed these steps:

1. Requesting cooperation from the Faculty of Science and Technology for data collection.
2. The researcher distributed the questionnaire via Google Form to the sample group of 95 sets, requesting self-administration.
3. Organizing the data from the questionnaires for statistical analysis.

Data Analysis and Statistics Used

The researcher will analyze the data from the questionnaires statistically using a computer to calculate statistical values with a statistical software package.

Research Results

From the study on the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University, the presentation of the data analysis results and the interpretation of this research will be divided into three parts, presented in the form of tables accompanied by explanations, as follows:

Part 1: Results of the analysis of general information. Part 2: Results of the analysis of opinions on the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University. Part 3: Results of the comparative analysis of the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University, classified by position in the project.

Part 2: From Table 2, the results of the analysis of the level of opinion on the study of the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University, regarding the Perception and Understanding of Project Fund Disbursement Procedures, show that the overall opinion is at the Strongly Agree level ($\bar{X} = 4.558$, S.D. = 0.648). Considering the individual items, it was found

that "The relevant officers provide clear advice" ($\bar{X} = 4.611$, S.D. = 0.589) ranked highest, followed by "You clearly understand the project fund disbursement procedures" ($\bar{X} = 4.411$, S.D. = 0.627), "The system for preparing supporting disbursement documents is flexible" ($\bar{X} = 4.337$, S.D. = 0.833), and "There is a clear manual or guideline for project fund disbursement" ($\bar{X} = 4.232$, S.D. = 0.676), respectively.

From Table 3, the results of the analysis of the level of opinion on the study of the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University, regarding the Effectiveness of Project Fund Disbursement, show that the overall opinion is at the Strongly Agree level ($\bar{X} = 4.421$, S.D. = 0.752). Considering the individual items, it was found that "The documentation and approval system is flexible" ($\bar{X} = 4.432$, S.D. = 0.558) ranked highest, followed by "Internal unit coordination is smooth" ($\bar{X} = 4.411$, S.D. = 0.869), "The time taken to receive funds after disbursement is appropriate" ($\bar{X} = 4.295$, S.D. = 0.886), and "The fund disbursement process is fast" ($\bar{X} = 4.284$, S.D. = 0.739), respectively.

From Table 4, the results of the analysis of the overall level of opinion on the study of the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University, show that the overall opinion is at the Strongly Agree level ($\bar{X} = 4.473$, S.D. = 0.650). Considering the aspects individually, the opinions are at the Strongly Agree level for: the Perception and Understanding of Project Fund Disbursement Procedures ($\bar{X} = 4.558$, S.D. = 0.648) and the Effectiveness of Project Fund Disbursement ($\bar{X} = 4.421$, S.D. = 0.752), respectively.

Part 3: From Table 5, the results of the analysis comparing the difference in the level of opinion on the study of the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University, classified by position in the project, using the F-test statistic, indicate that the P-values for the overall opinion and the individual aspects, namely the Perception and Understanding of Project Fund Disbursement Procedures and the Effectiveness of Project Fund Disbursement, are 0.255, 0.065, and 0.264, respectively. Since these values are greater than .05, it means that the personnel at the Faculty of Science and Technology who have different positions in the project have no statistically significant difference in their opinions regarding the study of project fund disbursement effectiveness, both overall and in individual aspects.

Discussion

From the findings of this research, the researcher discusses the key points in detail as follows:

1. Based on the finding that the overall opinion on the study of the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University, is at the Strongly Agree level, and when considering individual aspects, the opinions are also at the Strongly Agree level for the Perception and Understanding of Project Fund Disbursement Procedures and the Effectiveness of Project Fund Disbursement, this aligns with the research of Rapeeporn Rawiroj (2008), which found that in terms of staff/personnel, service results, and service processes/procedures, guidelines for improving and developing the financial system of Phetchabun Rajabhat University—specifically concerning rules, regulations, and disbursement documents—included: preparing journals, brochures, publicizing information, and disseminating information via the internet; promptly informing all university units of any changes in new practices; and holding training and informational

meetings on rules and regulations for disbursement for personnel and finance officers. Regarding the disbursement procedures, it was suggested to reduce the steps for checking disbursement documents while ensuring compliance with rules, regulations, and practices; preparing a financial operations manual to serve as a guideline for staff and personnel within the units; and having a clear, easy-to-understand, and practical flowchart of disbursement procedures as specified in the chart. This also aligns with the research of Pornpimol Phoolkam (2012), which found that concerning knowledge and understanding of the disbursement system, most university personnel had a moderate overall level of knowledge and understanding of disbursement regulations, with the highest knowledge in the area of official travel expense disbursement, followed by knowledge of the criteria for paying remuneration to inspection and construction control committees, disbursement of expenses for training, academic conferences, or workshops, disbursement of remuneration for disciplinary investigation committees for civil servants, and the least knowledge regarding the disbursement of compensation for working outside official hours (overtime).

2. Based on the finding that, when the opinions on the study of the effectiveness of project fund disbursement by the personnel at the Faculty of Science and Technology, Suan Sunandha Rajabhat University, are classified by position in the project, the hypothesis states that personnel with different positions in the project have no statistically significant difference in their opinions regarding the study of project fund disbursement effectiveness. This aligns with the research of Thanyarat Sarika (2023), which found that the finance and treasury officers at Rajamangala University of Technology Suvarnabhumi had a high overall level of opinion on motivational factors, hygiene factors, and operational efficiency. Overall motivational factors were highly and positively correlated with operational efficiency, significant at the 0.01 level. Overall hygiene factors were moderately and positively correlated with operational efficiency, significant at the 0.01 level. This also aligns with the research of Wilaiwan Samingnakorn (2016), which found that intrinsic and extrinsic motivation factors were highly important to operational efficiency. Intrinsic motivation factors were positively correlated with operational efficiency, significant at the 0.01 level. Extrinsic motivation factors were positively correlated with operational efficiency, significant at the 0.01 level. Operational efficiency in terms of timely, standard, and goal-achieving work was important for the performance of the Suphanburi Provincial Revenue Office.

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