

Study of factor influencing the research of academic support personnel, College of Logistics and Supply Chain, Suan Sunandha Rajabhat University

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Abstract

The objectives of this research are 1) To study factors that influence the research of academic support personnel, College of Logistics and Supply Chain, Suan Sunandha Rajabhat University and 2) To compare factors that influence the research of academic support personnel, College of Logistics and Supply Chain, Suan Sunandha Rajabhat University. The sample group used in the research consisted of 28 academic support personnel using purposive sampling. The tools used in research are Measuring the level of factors that influence the research work of academic support personnel. College of Logistics and Supply Chain, Suan Sunandha Rajabhat University. It is a 5-level rating scale, analyzed using frequency, percentage, mean and standard deviation.

The research results found that Overall, the factors that influence research work are at a high level ($\bar{X} = 3.88$, S.D.= 0.39) and when considered individually, the average values range from 0.73 to 4.15, which is at a high level. and the standard deviation values ranged from 0.38 to 0.66 by the knowledge factor in research work. has the highest mean ($\bar{X} = 4.15$, S.D.= 0.46) Followed by research skills ($\bar{X} = 3.88$, S.D.= 0.64), agency policy ($\bar{X} = 3.78$, S.D.= 0.38) and knowledge sources for research and study had the lowest average ($\bar{X} = 3.73$, S.D.= 0.66) respectively

Keywords: influencing factors, research work, academic support personnel

1. Introduction

Research is a science that has been accepted by academics and the general public in many civilized countries as an effective method used in seeking information. or knowledge as intended correctly, precisely, and reliably. They are also able to use the research results obtained to solve problems or develop them in accordance with real needs, especially in the education industry where there is a belief that "research" is a tool for acquiring knowledge or Effective solutions, especially in universities (Somchai Worakitkasemsakul, 2011)

Suan Sunandha Rajabhat University It is a state-controlled university. Under the Ministry of Higher Education, Science, Research and Innovation It is a higher education institution with a mission. Research and create innovation National and international creative works. for sustainable use It has a strategy to publish and disseminate research, innovation, and creative work at the national and international levels. Emphasis on works related to professional areas. and aims to ensure the quality of research results is acceptable (Policy and Planning Division Office of the President Suan Sunandha Rajabhat University, 2024)

Therefore, in order to know the level of factors that influence the research work of academic support personnel. College of Logistics and Supply Chain The researcher applied the theory of motivation factors in doing research in 4 areas including the aspect of seeing one's own worth, the aspect of being respected, the aspect of responsible work. and advancement in position and there are four factors that facilitate research: support from internal and external agencies, research budget, research environment, and materials, equipment, and facilities. The results of this study can be used as information and guidelines for administrators to consider using as information for preparing plans, projects, or activities that truly meet the research needs of academic support personnel.

2. Literature Review

Napaporn Singhatat (2024) said that institutional research is a combination of the meanings of two words: research and institution, which means research or searching for answers in a reliable way. In matters relating to that institution For the benefit of organizing information to support planning. and decision-making in that institution

Chamnian Jaworatrakul and colleagues (2019) define institutional research as It is research conducted by officials of higher education institutions to present information for use in planning, setting policy, and making administrative decisions of higher education institutions. To be able to achieve the goal and the objectives of the institution effectively Or it can be expanded to be an analysis of the operations, environment, and processes of higher education institutions for the benefit of providing information to support planning. policy setting and making decisions about various matters Using research principles

Aunyawong W., (2020) said By reason of supply chain management difficulties of many firms from various industries in Thailand, it is crucial to comprehend which determining factor may tackle these difficulties. This research aims to study the effect of supply chain integration (SCI) on supply chain performance (SCP) by reflecting the mediation effects of supply chain collaboration (SCC) and logistics flexibility (LGF). The research design was based on the quantitative explanatory study. Using a confirmatory factor analysis, the study examined interactive dimensions of SCP, SCC, LGF, and SCI. The research model consisted of 4 latent variables assessing 13 observed variables. The only exogenous latent variable was SCI, whereas endogenous latent variables were SCC, LGF, and SCP. The stratified random sampling was used to select the questionnaire respondents. Data from a total 321 complete surveys were acquired from top managers working for auto-parts manufacturing companies in Thailand. The hypotheses were tested by using structural equation modeling (SEM). The results supported that SCI enabled auto-parts manufacturing firms to improve SCP successfully, and that SCC and LGF played an important role in mediating the effect of SCI on SCP. This research recommended that companies should consider strategies enhancing SCI, SCC, and LGF as they can increase their SCP.

3. Objective

3.1 To study factors that influence the research work of academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University

3.2 To compare factors influencing the research work of academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University

4. Research Methodology

The sample group for this research is academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University, 26 people

The instrument is used to measure the level of factors influencing the research work of academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University is divided into 2 parts as follows:

Part 1: Basic information questionnaire for academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University It consists of questions about gender, education level, and position. It is a check list with 3 questions.

Part 2: Measurement of factors that influence the research work of academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University, totaling 37 items, is a 5-level rating scale (Rating Scale) as follows:

5 means the opinion level is most consistent with that message.

4 means the level of opinion is very consistent with the message.

3 means there is a moderate level of opinion consistent with the message.

2 means there is a low level of opinion consistent with that message.

1 means there is the lowest level of opinion consistent with that message.

Created by the researcher. The steps for creating the tool are as follows.

1) Study documents, synthesize documents, concepts, theories, and research reports to study factors influencing institutional research work.

2) Write a term for institutional research.

3) Apply definitions of terms related to institutional research. Come consult with the Deputy Dean for Research and Development. to check suitability Then bring it to improve.

4) Prepare a scale to measure the levels of factors that influence the research work of academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University

5) Use a scale to measure the level of factors influencing the research work of academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University Go ask for help from qualified people. To check content accuracy By considering the coverage of the content structure. and consistency with the definition. It was found that the values ranged from 0.67 to 1.00. Therefore, the researcher used the questions to measure the level of factors influencing the research work of academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University has all

6) Prepare a scale to measure the level of factors that influence the research work of academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University to be used for testing with 20 personnel who were not in the sample in order to use the results to determine reliability. It was found that all 37 questions had an overall reliability of 0.95, with each aspect of the measure having a reliability of 0.78 to 0.95.

7) Use a scale to measure the levels of factors influencing the research work of academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University which has been used to find quality and actually use it with academic support personnel, totaling 26 people

Statistics used to analyze data

Preliminary data analysis The preliminary data was analyzed using descriptive statistics. To describe the characteristics of the sample group. and characteristics of the variables used in the research Using descriptive statistics such as frequency and percentage values (Pannee Leekitwattana. 2015)

$$pci = \frac{n_i}{n_t} \times 100$$

when pci represents the percentage of the thing studied
 n_i represents Number of subsections studied
 n_t represents Most of all numbers

Data analysis to study the level of factors influencing the research work of academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University The researcher used the average and standard deviation (Pannee Leekitwattana. 2015)

$$\bar{X} = \frac{\sum X}{n}$$

when \bar{X} represents average
 $\sum X$ represents sum of the points in the data set
 n represents total amount of data

Using the interpretation criteria of Thanin Silpacharu (2009) as follows:

- 4.50 – 5.00 means the level of opinion most closely matches the message.
- 3.50 – 4.49 means the level of opinion is very consistent with the message.
- 2.50 – 3.49 means there is a moderate level of opinion consistent with the message.
- 1.50 – 2.49 means there is a low level of opinion consistent with that message.
- 1.00 – 1.49 means there is the lowest level of opinion consistent with that message.

$$S.D. = \sqrt{\frac{\sum (X - \bar{X})^2}{n}}$$

when $S.D.$ represents standard deviation
 $\sum X$ represents sum of the individual scores in the data set
 \bar{X} represents average of scores in a data set
 n represents sample size

5. Results

The researcher analyzed basic basic statistics of the sample, including frequencies and percentages, as shown in Table 1.

Table 1 Frequency and percentage of personal data of the sample group

Personal information		Number (people)	Percentage
Sex	Woman	18	69.23
	Man	8	30.77
Total		26	100.00
Education	Under bachelor's degree	1	3.85
	Bachelor's degree	12	46.15
	Master's degree	13	50.00
Total		26	100.00
Job Position	Head of office	1	3.85
	Department head	3	11.51
	General administration officer	11	42.31
	Research	1	3.85
	Academic studies	1	3.85
	Policy and planning analyst	2	7.69
	Parcel academic	1	3.85
	Financial and accounting academic	1	3.85
	Librarian	1	3.85
	Computer scientist	1	3.85
	Audiovisual academic	2	7.69
	Driver	1	3.85
	Total		26

From Table 1, it was found that the sample group had more females than males. There were 18 females, accounting for 69.23 percent, 8 males, accounting for 30.77 percent. There were 13 people with a master's degree, accounting for 50.00 percent, 12 people with a bachelor's degree, accounting for 46.15 percent, lower than a bachelor's degree. 1 person, accounting for 3.85 percent. There are 11 people in general administration positions, accounting for 42.31 percent, 3 people in department head positions, accounting for 11.51 percent, 2 people in policy and planning analyst positions, accounting for 7.69 percent, and 2 people in audiovisual academic positions, accounting for 7.69 percent. It is 7.69 percent. The position of head of office is 1 person, accounting for 3.85 percent. The position of researcher is 1 person, accounting for 3.85 percent. The position of academician is 1 person, accounting for 3.85 percent. The position of procurement specialist is 1 person, accounting for 3.85 percent. The position of finance and accounting academic is 1 person, accounting for 3.85 percent. Librarian staff: 1 person, accounting for 3.85 percent. Computer academic, 1 person, accounting for 3.85 percent, and driver position, 1 person, accounting for 3.85 percent, respectively.

The researcher analyzed the levels of factors that influence the research work of academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University of the sample, including the mean and standard deviation. Shown as Table 2

Table 2. Mean and standard deviation of Level of factors influencing the research work of academic support personnel College of Logistics and Supply Chain Suan Sunandha Rajabhat University

Variable	\bar{X}	S.D.	Interpret	Rank
Knowledge in doing research	4.15	0.46	High level	1
Research skills	3.88	0.64	High level	2
Knowledge sources for study and research	3.73	0.66	High level	4
Policy aspect of the agency	3.78	0.38	High level	3
Total	3.88	0.39	High level	

From Table 2, when considering the variables and factors that influence the research work of academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University found that the overall factors influencing research work were at a high level ($\bar{X} = 3.88$, S.D.= 0.39) and when considering each aspect, the average values range from 0.73 to 4.15, which is at a high level. and the standard deviation values ranged from 0.38 to 0.66 by the knowledge factor in research work. has the highest mean ($\bar{X} = 4.15$, S.D.= 0.46) Followed by research skills ($\bar{X} = 3.88$, S.D.= 0.64), agency policy ($\bar{X} = 3.78$, S.D.= 0.38), and knowledge sources for research and study had the lowest average ($\bar{X} = 3.73$, S.D.= 0.66) respectively

6. Discussion of Results

This research is a study of factors influencing the research work of academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University The researcher discusses the results as follows.

when considering the variables and factors that influence the research work of academic support personnel. College of Logistics and Supply Chain Suan Sunandha Rajabhat University found that the overall factors influencing research work were at a high level ($\bar{X} = 3.88$, S.D.= 0.39) This is in line with the research of Wanida Phingsa Noi (2013) who stated that the motivating factors for doing research are at a high level. Factors that facilitate research are at a moderate level. And the factors that facilitate research are positively related to the total amount of research done at the .01 and .05 levels.

when considering each aspect, the average values range from 0.73 to 4.15, which is at a high level. and the standard deviation values ranged from 0.38 to 0.66 by the knowledge factor in research work. has the highest mean ($\bar{X} = 4.15$, S.D.= 0.46) Consistent with the research of Pramet Chuaysom (2023), said that the majority of respondents were female, between the ages of 20 - 25 years, the highest level of education was Mathayom 6, and had work experience of 1 - 2 years. Working time is 10 hours/day, working at Bo Ngoen factory, 2 packing points. The results of the hypothesis testing found that the factors that affect the work efficiency of quality control employees at CPRAM Company Limited (Bo Ngoen) with statistical significance at the 0.05 level include knowledge and understanding of the work.

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