

STUDENTS' OPINIONS ON PARTICIPATING IN EXTRA CURRICULUM ACTIVITIES AT THE FACULTY OF SCIENCE AND TECHNOLOGY, SUAN SUNANDHA RAJABHAT UNIVERSITY

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ABSTARCT

The objective of this research was to study and compare the students' opinions on participating in extra curriculum activities at the Faculty of Science and Technology, Suan Sunandha Rajabhat University in four aspects; academic, sports, social volunteer, art and culture classified by demographic characteristics. The samples in this study consisted of 345 students from Faculty of Science and Technology, Suan Sunandha Rajabhat University in 2018. The instrument for collecting the data was five-level rating scale questionnaires. The statistical methods to use analyze data were frequency, percentage, mean, standard deviation, t-test, one-way analysis of variance and least significant difference. The findings were 1) students' opinions on participating in extra curriculum activities at the Faculty of Science and Technology, Suan Sunandha Rajabhat University in all aspects were at a high level. 2) Students in different gender and grade point average had no different opinions on participating in extra curriculum activities at the Faculty of Science and Technology, Suan Sunandha Rajabhat University. 3) Students in different years of study and department had statistically significant different opinions on participating in extra curriculum activities in all aspects at 0.05 level.

Keyword: Student, Opinions, Activity

1. INTRODUCTION

The Thai higher education aims provide educational institution to produce quality graduates that correspondence with society demands. Quality graduates should be able to change their life patterns, lifelong learning and adaptation to the globalization word. [1] The University has an important role in student development. To focus only on academic learning would not be enough to develop students for benefit society.

The university has provided to encourage and supports students to create activities that are beneficial to society. Experience from doing activities was useful for student future life. Society needs complete graduates who have academic knowledge, professional knowledge and life knowledge. Student will reach to complete graduate by doing extra curriculum activities. [2]

Faculty of Science and Technology, Suan Sunandha Rajabhat University set up student activities according to the National Qualifications Framework for Higher Education and the faculty identity. The researcher was interesting to the students' opinion on participating in extra curriculum activities at the Faculty of Science and Technology, Suan Sunandha Rajabhat University in four aspects; academically, sports, social volunteer, art and culture. The results of this study will be used as information for executives and the student affairs department to plan the development of student activities in according to requirement of students.

2. OBJECTIVES

1. To study the students' opinions on participating in extra curriculum activities.
2. Compare the demographic characteristics on participating in extra curriculum activities.

3. METHODOLOGY

The samples in this study consisted of 345 students from Faculty of Science and Technology, Suan Sunandha Rajabhat University in 2018. Determine the sample size by using the Yamane formula. [2] at 5% error

value for the tools of data collection was a questionnaire. This research study the students' opinions on participating in extra curriculum activities in four aspects; academically, sports, social volunteer, art and culture. The statistical methods to use analyze data were frequency, percentage, mean, standard deviation, t-test, one-way analysis of variance, least significant difference and the statistical significance was calculated at the 0.05 level.

4. RESULTS

Part 1. The results of demographic characteristics analysis of the 345 samples, who are students of Faculty of Science and Technology, Suan Sunandha Rajabhat University. Found that most females was 248 students (71.9 %), studying in second-year was 105 students (30.4%) under the department of Applied Science was 189 students (54.8%) and grade point average (GPA) in the range 2.01-3.00 was 174 students (50.4%).

Part 2. The results of the analysis show opinions level of students on participating in extra curriculum activities at the Faculty of Science and Technology, Suan Sunandha Rajabhat University in all aspects were at a high level. As following first, social volunteer ($\bar{x} = 4.06$, S.D. = 0.62) was followed by academic ($\bar{x} = 4.05$, S.D. = 0.54) and last was sports ($\bar{x} = 4.04$, S.D. = 0.60), art and culture ($\bar{x} = 4.04$, S.D. = 0.61)

Part 3. The comparative analysis results of students' opinions on participating in extra curriculum activities of students at Faculty of Science and Technology Suan Sunandha Rajabhat University classified by demographic characteristics. The t-test was used to analyze the difference the mean of the two groups and the one-way analysis of variance was used for find the average of samples.

Table 1 Comparative analysis of students' opinions on participating in extra curriculum activities classify by gender

Aspects	Male		Female		t	p-value
	\bar{x}	S.D.	\bar{x}	S.D.		
1. Academic	4.07	0.50	4.04	0.55	0.157	0.692
2. Sport	4.02	0.62	4.04	0.59	0.205	0.651
3. Social volunteer	3.98	0.62	4.08	0.62	0.194	0.660
4. Arts and Culture	4.07	0.60	4.02	0.61	0.102	0.749

From Table 1, the results analyze of students' opinions about the 4 aspects on participating in extra curriculum activities classified by gender. The findings were different gender showed opinions on participating in extra curriculum activities in all aspect did not differences.

Table 2 Comparative analysis of students' opinions on participating in extra curriculum activities classify by years

Aspects	1 st year		2 nd year		3 rd year		4 th year		F	p-value
	\bar{x}	S.D.	\bar{x}	S.D.	\bar{x}	S.D.	\bar{x}	S.D.		
1. Academic	4.34	0.50	3.90	0.50	3.92	0.58	4.05	0.49	10.78*	0.000
2. Sport	4.21	0.63	3.97	0.57	3.92	0.61	4.06	0.56	3.14*	0.026
3. Social volunteer	4.21	0.67	3.93	0.55	3.98	0.65	4.13	0.60	3.47*	0.017
4. Arts and Culture	4.24	0.65	3.93	0.56	3.95	0.64	4.03	0.56	3.93*	0.009

* significance at the 0.05 level

From Table 2, the results analyze of students' opinions about the 4 aspects on participating in extra curriculum activities classified by years. The findings were significant differences in the opinions between the students with differences years of study in all aspect.

Table 3 Difference test of students' opinions on participating in extracurricular activities on the aspect of academic classify by years

Years	1 st year 2 nd year 3 rd year 4 th year				
	\bar{x}	4.34	3.90	3.92	4.05
1 st year	4.34	-	0.436*	0.413*	0.292*
2 nd year	3.90		-	-0.018	-0.144
3 rd year	3.92			-	-0.126
4 th year	4.05				-

* significance at the 0.05 level

From Table 3, the first year students were differences in the opinions towards on participating in activities of the Faculty of Science and Technology Suan Sunandha Rajabhat University from the second-year, third-year and fourth-year students on the aspect of academic at 0.05 significance.

Table 4 Difference test of students' opinions on participating in extracurricular activities on the aspect of sport classify by years

Years	1 st year 2 nd year 3 rd year 4 th year				
	\bar{x}	4.21	3.97	3.92	4.06
1 st year	4.21	-	0.239*	0.291*	0.143
2 nd year	3.97		-	0.052	-0.095
3 rd year	3.92			-	-0.147
4 th year	4.06				-

* significance at the 0.05 level

From Table 4, the first year students were differences in the opinions towards on participating in activities of the Faculty of Science and Technology Suan Sunandha Rajabhat University from the second-year and third-year students on the aspect of sport at 0.05 significance.

Table 5 Difference test of students' opinions on participating in extracurricular activities on the aspect of social volunteer classify by years

Years	1 st year 2 nd year 3 rd year 4 th year				
	\bar{x}	4.21	3.93	3.98	4.13
1 st year	4.21	-	0.285*	0.235*	0.890
2 nd year	3.93		-	-0.049	-0.195*
3 rd year	3.98			-	-0.146
4 th year	4.13				-

* significance at the 0.05 level

From Table 5, the first year students were differences in the opinions towards on participating in activities of the Faculty of Science and Technology Suan Sunandha Rajabhat University from the second-year and third-year students on the aspect of social volunteer at 0.05 significance. The second-year students were differences in the opinions from fourth-year students at 0.05 significance.

Table 6 Difference test of students' opinions on participating in extracurricular activities on the aspect of arts and culture classify by years

Years	1 st year		2 nd year		3 rd year		4 th year	
	\bar{x}	4.24	3.93	3.95	4.03			
1 st year	4.24	-	0.307*	0.293*	0.203*			
2 nd year	3.93		-	-0.014	-0.104			
3 rd year	3.95			-	-0.090			
4 th year	4.03				-			

* significance at the 0.05 level

From Table 6, the first-year students were differences in the opinions towards on participating in activities of the Faculty of Science and Technology Suan Sunandha Rajabhat University from the second-year, third-year and fourth-year on the aspect of arts and culture with at 0.05 significance.

Table 7 Comparative analysis of students' opinions on participating in extra curriculum activities classify by department

Aspects	Science		Applied Science		t	p-value
	\bar{x}	S.D.	\bar{x}	S.D.		
1. Academic	3.91	0.54	4.16	0.51	-4.16*	0.000
2. Sport	3.86	0.63	4.18	0.52	-4.69*	0.000
3. Social volunteer	3.91	0.61	4.18	0.60	-3.86*	0.000
4. Arts and Culture	3.88	0.65	4.16	0.53	-4.01*	0.000

* significance at the 0.05 level

From Table 7, the results of the comparative analysis of students' opinions on participating in extra curriculum activities classify by department. The findings were significant differences in the students' opinions from the differences department in all aspect of participation.

Table 8 Comparative analysis of students' opinions on participating in extra curriculum activities classify by GPA

Aspects	Less than 2.00		Between 2.01-3.00		More than 3.01		F	p-value
	\bar{x}	S.D.	\bar{x}	S.D.	\bar{x}	S.D.		
	1. Academic	4.10	0.64	3.98	0.53	4.11		
2. Sport	4.07	0.69	3.99	0.58	4.10	0.56	1.00	0.369
3. Social volunteer	4.12	0.63	4.03	0.62	4.06	0.61	0.43	0.650
4. Arts and Culture	4.08	0.67	4.02	0.62	4.03	0.55	0.25	0.776

From Table 8, the results of the comparative analysis of students' opinions on participating in extra curriculum activities classify by GPA did not difference.

5. CONCLUSION AND FUTURE WORK

The results of study and comparison of students' opinions on participating in extra curriculum activities at the Faculty of Science and Technology, Suan Sunandha Rajabhat University in four aspects; academic, sports, social volunteer, art and culture classified by demographic characteristics. The result found that students' opinions on participating in extra curriculum activities at the Faculty of Science and Technology, Suan Sunandha Rajabhat

University in all aspects were high level, because the Faculty of Science and Technology has a policy to support the implementation of extra curriculum activities that cover all 4 activities. This is consistent with students' opinions on participating in extra curriculum activities at Rajamangala University of Technology Krungthep. The results of research were students' opinions on participating in extra curriculum activities at Rajamangala University of Technology Krungthep in overall and in each aspect were at high level. [4] The considering in each aspect as found that the highest score was social volunteer followed by academic that consonant with the faculty identity was professional practitioners, academic excellence, intelligent communicators, and strategic thinkers with public awareness.

Students in different years of study had statistically significant different opinions on participating in extra curriculum activities in all aspects. The first-year students have different opinions from second-year, third-year and fourth-year students to participate in activities. Pornpim Sarak said, the first-year students were new students began to learn life on campus. Therefore, they have enthusiasm and interest in novelty knowing to adapt to others. [5]

Students in the department of applied science have an average level of opinion greater than the science department on participating in extra curriculum activities at the Faculty of Science and Technology, Suan Sunandha Rajabhat University. This showed that the students in the department of Science have to take a lot of time in their laboratory rather than the students in the applied science department with this reason the department of science students have not enough time was impact to participate in activities. The results of this study will be used as information for planning the development of student activities at the Faculty of Science and Technology, Suan Sunandha Rajabhat University.

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