

# FACTORS AFFECTING STUDENT ENGAGEMENT, COLLEGE OF LOGISTICS AND SUPPLY CHAIN SUAN SUNANDHA RAJABHAT UNIVERSITY

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## ABSTRACT

This research aimed to study the level of the student's relationship to College of Logistics and supply chain. 207 students at college of logistics and a supply chain were this research sample, which a simple sampling was used. The questionnaire was used for collecting and the data was analyzed by statistics (the average, percentage, t-test, standard deviation and one-way ANOVA). The results showed that the factors affecting relationship between student, lectures and friends were the high with 0.05 significant. In terms of the teaching class, atmosphere and operation. The building management were the second affecting factors. Therefore, the creating a student's engagement level required an activity to promote the creation of a relationship between students, lecturers and friends. Therefore, the student will have the better overall engagement factor that results in a sense of commitment to the institution.

**Keywords:** relationship, engagement, college of logistics and supply chain, institution

## INTRODUCTION

College of Logistics and Supply Chain, Suan sunandha Rajabhat University is under government. The college is located at the Education Center, Nakhon Pathom. The mission is to manage teaching and learning at the bachelor's degree, master's degree and doctorate, producing graduates with knowledge in logistics and supply chain. The main mission is to produce graduates who are knowledgeable in the field of logistics and supply chain, which is in require with the business's need. The college's responsibility is providing knowledge and understanding as a source of learning cultivate wisdom, rational thinking, knowing the principles and reinforcing habits. The student's joint activities are an important which is pushed to continue the activities by university. In order to nurture support, capacity development, student's quality in terms of physical and mental knowledge, value, and benefit with wisdom and happiness, have morality and ethics. For students who have graduated from the institute to be desirous of society able to adjust to live happily with others and apply the knowledge gained from studies to suit the work appropriately [1], including the professional's production and development in Logistics and Supply Chain field which responds to the changes in ASEAN and the world. This college is ready to provide academic and technical services for the career of logistics and supply chain to the community, society and ASEAN community with quality, create knowledge, research and various innovations in the logistics and supply chain development to the workplace and society.

The College of Logistics and Supply Chain pay an attention importance to developing graduates to be perfect. Both intellectually morality and live happily, which able to develop one's own potential. In order to steadily pursue a career in the future and have supported and organized activities to connect the students' relations within the university "Activity for younger students" including organizing activities between current students and alumni. Support for a system to take care of students like mothers and children in which the teacher is responsible for looking after the students closely "Like a mother who takes care of children" to create a relationship between teachers and students. There is love and respect for each other by various activities regarded as an activity that encourages everyone to know love and unity know how to behaviors that should be followed to live together in that society cause attachment. Therefore, it should be known to information that will help promote and instill awareness in the matter of love. Student engagement with educational institutions which will benefit the College of Logistics and Supply Chain and the college can use the information to develop further in the future. The researcher is interested and has a concept to study the relationships between students and the College of Logistics and Supply Chain and to be the information for planning for the development of the College of Logistics and Supply Chain in the future.

## OBJECTIVE

To study the student's engagement level of the College of Logistics and Supply Chain.

## METHODOLOGY

### Population and sample groups

The research population was bachelor's degree students, Business Administration Program from Year 1-4 at the College of Logistics and Supply Chain, Suan Sunandha Rajabhat University. was used to determine the sample size with 95 [2] confidence level. 426 students are population (between October 2018 and June 2019) and 207 samples by using the randomized simple random sampling.

Questionnaire is tool for collecting data, which divided into 2 parts

Part 1 General information

Part 2 question about the student engagement level of the College of Logistics and Supply Chain. The study factors are divided into each area as follows

- Relation to the College of Logistics and Supply Chain
- Relationship to teachers
- Relationship to officials (College of Logistics and Supply Chain Personnel)
- Relationship to seniors
- Relationship to juniors
- Relationship to friends

The questionnaire was used for data collecting from 207 students and receiving 207 questionnaires or 100%. Analyzing data by using descriptive statistics such as frequency, percentage, mean ( $\bar{x}$ ) standard deviation (SD) and t-test statistic with statistical significance at 0.05. The undergraduate student's relationship with the College of Logistics and Supply Chain, Suan Sunandha Rajabhat University in all 6 areas. There are 5 levels of assessment criteria by sending to experts for considering the appropriateness of the issues, adjust the questionnaire and try to find the confidence value by interpreting the value Level as follows

- 4.51 - 5.00 means the highest relationship
- 3.51 - 4.50 means having a high relationship
- 2.51 - 3.50 means having a medium relationship

1.51 - 2.5 means there is a low relationship  
 1.00 - 1.50 means having a lowest relationship

## RESULTS

### 1. General information

General information's result found that 207 students, 132 women or 63.77% and 75 males or 36.23%. There are 107 second year students, representing 51.69%, 3<sup>rd</sup> year students are 63, representing 30.43% and 37 students are 1<sup>st</sup> year, 17.87%, respectively.

### Part 2 The students' engagement level of the College of Logistics and Supply Chain

Table 2 Mean ( $\bar{X}$ ) standard division (S.D.) And the student's satisfaction level to the institute, which classified by factors driving commitment.

Engagement factors	$\bar{X}$	S.D.	Satisfaction level
Friend	4.93	0.56	highest
Teaching	4.83	0.72	highest
Management	4.54	0.58	highest
Building	4.41	0.82	high
<b>Total</b>	<b>4.68</b>	<b>0.67</b>	<b>Highest</b>

The analyzing results showed that the opinions average, there were high level of the student's satisfaction ( $\bar{X} = 4.68$ ). Considering to engagement diving factor found that the highest satisfaction was friend ( $\bar{X} = 4.93$ ), teaching, management and building were high satisfaction level ( $\bar{X} = 4.83$ ), ( $\bar{X} = 4.54$ ) and ( $\bar{X} = 4.41$ ), respectively.

### Part 2 Scores and student engagement levels of College of Logistics and Supply Chain, Suan Sunandha Rajabhat University.

Evaluation form question	Percentage	S.D.	Average	Meaning
<b>Friend</b>				
1. Feeling willing to help friends when they have problems / ask for help	99.4	0.171	4.97	Highest
2. Feeling happy and warm with friends to look after	99.2	0.197	4.96	highest
3. Feeling willing to participate in activities together with friends.	98	0.302	4.90	highest
4. Feeling brave enough to ask for help from friends	97.8	0.314	4.89	Highest
<b>Total</b>	<b>98.6</b>	<b>0.246</b>	<b>4.93</b>	<b>Highest</b>
<b>Teaching</b>				
1. There is a feeling of love and respect for the teacher	96.6	0.493	4.83	Highest
2. Have a sense of pride as a student of the teacher	98.3	0.302	4.90	Highest

3. Have the pleasure to sacrifice personal time when the teacher is asked to help with work	96.6	0.533	4.83	Highest
4. When there is a problem, will consult / think of the teacher Be the first to the top	94.8	0.63	4.74	Highest
<b>Total</b>	<b>96.5</b>	<b>0.489</b>	<b>4.83</b>	<b>Highest</b>
<b>Management</b>				
1. Have a warm feeling that has the staff of the college take care	93.6	0.601	4.68	Highest
2. Impressed with the help and kindness of the staff of the college	95.2	0.588	4.46	High
3. There is a willingness when officials ask for help	92.11	0.481	4.48	High
<b>Total</b>	<b>93.64</b>	<b>0.56</b>	<b>4.54</b>	<b>Highest</b>
<b>Building</b>				
1. To maintain the reputation of the college	96.2	0.721	4.46	High
2. Feel proud to be a student of the college	93.6	0.532	4.23	High
3. To inform others of the potential and / or highlights of the college when given the opportunity	95.2	0.624	4.37	High
4. After graduating from college, there is an idea of returning to visit the faculty.	92.11	0.821	4.57	Highest
5. There is a feeling of willingness and willingness to sacrifice time to help the college in all aspects.	93.8	0.524	4.32	High
6. Having a warm feeling when attending college.	96.2	0.623	4.52	Highest
<b>Total</b>	<b>93.64</b>	<b>0.61</b>	<b>4.41</b>	<b>High</b>

## CONCLUSION AND FUTURE WORK

The research's result on student engagement in the College of Logistics and Supply Chain, Suan Sunandha Rajabhat University Bachelor's degree in every grade year studied in the academic year 2013 is as follows

Driving factors in all 4 areas, including relationship with friends, teaching, management and the buildings found that the overall engagement is at a high level and have a relationship with friends at the highest average level when considering each factor in descending order of average summarized as follows

**The relationships with friends**, it was found that the overall relationships were at a high level. This is because friends are those who are close to studying together, do project / research, eating or sometimes and traveling such as "Feeling lonely Loneliness / loneliness when separating groups from friends " is at a medium engagement level. Therefore, students don't feel alone Not lonely / lonely when separating groups from friends. However, many people have to adjust to studying with new friends and various activities must allocate appropriate time. This research results consistency in the research of [3] That studied factors affecting the engagement of nursing students Boromarajonani College of Nursing, Phayao. Their research found that the relationship with friends is at a high level. In the research work

of [4] Studying the relationship of master's degree students towards the public and private management program of Silpakorn University presented that good friends must have characteristics that are sincere to each other help and share by making friends, allowing students to exchange information on attitudes of friends with different ages. Where, having good friends allows students to keep in touch. Therefore, students feel very kindly and satisfied with their friendships and create long-lasting relationships. Participating in different activities have engagement to the environment faculty, resource studies and have a different relationship with the seniors. The students who participated in the activities on a regular basis would have a higher average than the students who attend sometimes. To the officers, the juniors and the friends, there is not difference. This is because the faculty has taken care, provided activities to make a good relationship and also provide opportunities to support and promote leadership for students. Students have known how, work in a systematic, organized manner. Therefore, activities make students love faculty, love the institute from the activity in which the factor \makes the students have engagement to the faculty. Relationships and the existing engagement with their friends received the highest level of positive feedback, while the administration and facilities received the least positive feedback. The correlation of the existing relationships of satisfaction signify an encouraging environment; if the student has high satisfaction then there is a great level of engagement that affects the relationship with the institution ( $p < 0.05$ ). [5]

**Regarding the teaching**, the overall relationship was at a high level. This shows that students have feelings of love, respect and proud to be students of teachers. Moreover, willing to sacrifice personal time when the teacher asked for help. This research's result consisted with the research of [3] That studied factors affecting the student engagement at Boromarajonani College of Nursing, Phayao. In which the overall, nursing students had a strong relationship with teachers and staff in the highest criteria. In the work of [6] said that student activities allow students to develop intellectually, physically, emotionally, mentally, society and receiving the principles of thinking for life and work in the future. As well as if there is a proper and appropriate student activity will help develop students in many respects. In terms of thought, attitude, behavior, as well as knowledge, ability and experience in order to build and growth as a quality person

Therefore, many activities and allowing every student to participate in the activity which can be divided into 2 types as follow

1. Faculty activities were student orientation ceremony, academic activities, important day, arts and culture, prepare before graduation postgraduate and student supervision etc.

2. Student activities with some budget support from the faculty and some activities are supported almost entirely by the College, including faculty providing facilities and fully ensure the safety of students, such as freshmen day, cheering / teaching Meeting, singing Song for 1<sup>st</sup> Year, ask for the signature of seniors, open code day. The result showed that different activities, have a relationship with the College and the seniors.

### **Suggestions**

1. The main issues that have a high impact on student engagement are as follows: "When there is a problem, will consult / think of the teacher first" Overall, the average level is the lowest. Where, a medium engagement level showed when the students face the trouble do not dare to consult teachers. It may be because they are not familiar with each other, therefore creating a gap in the relationship between students and teachers. Therefore, suggest that there should be development, promotion, and organize activities to build relationships between students and advisors and all teachers. In order to reduce the gap between pupils and teachers, which will lead to familiarity and a closer relationship. The faculty has complied with the policy, guidelines, and organized activities.

2. Future work

2.1 Should be studied using qualitative research methods regarding factors affecting the professors' relationship between students and faculty.

2.2 Should study the factors of the relationship between the mentors and students, which will truly understand the problems and needs of students.

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