

# Learning Environment with the Learning Concentration on Students

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**Abstract:** Learning is an activity that can be done by everyone, learning can be done in various places and times, as long as someone has a serious intention to learn. Learning is often associated with students because learning is a student's daily routine, one of the factors that have been proven to affect concentration includes environmental factors. The atmosphere of the learning environment is an incentive for students to concentrate more on learning. With a conducive environment, concentration in learning will increase and can encourage students to understand the teaching materials provided by educators, the concentration of learning in STIKes Santa Elisabeth Medan students in 2021 has low learning concentration. One way to increase concentration in learning is with a good learning environment. The purpose of this study was to determine the relationship between the learning environment and the learning concentration of STIKes Santa Elisabeth Medan students in 2021. This research method used an analytical research design using a cross-sectional approach. The sample in this study was 51 respondents with the sampling technique was simple random sampling. The instrument used is a questionnaire and chi-square test data analysis. The results of this study are that the learning environment is in a good category as many as 25 people (49%) and less than 6 people (11.8%), high learning concentration 23 people (45.1%) and low 5 people (9.8%) with Chi test results -square obtained p-value 0.001 ( $p < 0.05$ ) indicates that there is a relationship between the learning environment and the learning concentration of STIKes Santa Elisabeth Medan students in 2021. It is hoped that students will be able to increase their concentration in learning by getting used to creating a comfortable learning environment and the campus will improve the provision of facilities and infrastructure that can make students more focused on learning during the lecture process.

**Keywords:** Concentration, Environment, Learning.

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## Introduction

Learning is an activity that can be done by everyone, both children, adults, to parents. Learning can be done in various places and times, as long as someone has a serious intention to learn. Learning is very strong to be associated with students, because learning is a daily routine for students, whether in learning at school or studying independently at home. In fact, currently many students take tutoring in certain places, or bring in private tutors at home with the aim of deepening the knowledge they have learned (Setyani and Ismah 2018).

In the current era of modernization, learning is no longer a preferred routine. This is because there

are many things that make students lazy or bored in learning, such as requiring high concentration, time and energy expended, feelings and coercion to leave various fun activities compared to studying, such as playing mobile phones, online games, or other activities either positive or negative that comes from the surrounding environment (Setyani and Ismah 2018).

Purnawinadi and Lotulung (2020) mention that concentration is the ability to focus the mind, will, feelings, and all five senses on one object in a certain activity, without being affected by other objects that are not related to the activity. Yarissumi (2017) argues that concentration is the concentration of the mind on one thing to the exclusion of all other unrelated things. In learning

concentration means focusing the mind on a subject by putting aside all other things that are not related to the lesson. Research conducted by UNICEF in 2017 in America, 50% of students do not concentrate and this affects 50% of learning achievement, in Indonesia itself is included in the list of countries with low concentration levels due to lack of economy to meet the nutritional needs needed (Jeong, 2019).

Tambunan et al., (2020) shows 72.57% of students' concentration levels are lacking, this is because the learning place should be quiet, not disturbed by stimuli from around. That is, the atmosphere in question is a conducive learning atmosphere. Conducive means really supporting the continuity of the learning process. The atmosphere during the learning process can affect the efficiency of learning time.

Success in learning concentration largely depends on the individual himself. Even in the most appropriate place, sometimes the individual's mind drifts to other things outside of what he is dealing with. Concentration can be influenced by several factors including physical factors, social factors, psychological factors. One of the factors that are proven to affect concentration include environmental factors. The atmosphere of the learning environment is an incentive for students to concentrate more in learning. With a conducive environment, concentration in learning will increase and can encourage students to understand the teaching materials provided by educators (Tambunan et al., 2020).

Gultekin (2018) found that in America alone 64.4% of students do not have a conducive learning environment. In addition, in Africa, 48% of students do not get an adequate school environment for learning, this is due to various reasons, including the lack of supporting facilities and infrastructure for the teaching and learning process in the region.

Y. Anggraini and Patmanthara (2017) said that in Indonesia itself, more precisely in the city of Malang, it was found that 54.1% of the learning environment greatly influenced learning activities. This proves that the environment is something that exists in the natural environment that has a certain influence on individuals. This means that an

effective learning condition is a condition that is truly conducive and supports the smoothness and continuity of the teaching and learning process.

The learning environment is one of the learning resources that affect student learning outcomes and in the learning process. the learning environment includes the condition of school buildings, classrooms, which have an influence on learning activities, teacher-student relationships must be well established, student facilities are adequate, adequate facilities and infrastructure can support learning activities. Based on the results of interviews with 8 STIKes Santa Elisabeth Medan students, they said that their concentration while studying was influenced by the surrounding environment.

They feel they can't concentrate because of several things in the environment such as friends on the side, sitting position that is too back, noise, noisy and noisy classes because many are chatting when the lecturer explains, too many students in one class and class facilities. which is sometimes inadequate.

They feel uncomfortable with such environmental conditions because it interferes with their concentration while studying so that what is conveyed by the lecturer cannot be understood properly. The results of observations made by researchers are also in accordance with the results of interviews. Many students were noisy and talking when 6 lecturers explained. They don't pay attention to what is being explained, they are more focused on other things.

Based on the above background, the researcher is interested in conducting a research entitled "the relationship between the learning environment and the concentration level of STIKes Santa Elisabeth Medan students in 2021.

## **Materials and Methods**

The research method used in this study is an analytical survey with a cross sectional approach. The design of this study was to determine the relationship between the learning environment and the learning concentration of STIKes Santa Elisabeth Medan students in 2021. The population

in this study were nursing students 4 STIKes Santa Elisabeth Medan totaling 111 people. In this study, the number of samples to be studied was 51 people. The sampling technique used in this study is simple random sampling. The instrument used is a questionnaire with chi-square test data analysis.

### Results and Discussion

**Table 1.** Learning Environment of STIKes Santa Elisabeth Medan in 2021.

No.	Learning Environment	Frequency (F)	Percentage (%)
1.	Good	25	49
2	Enough	20	39.2
3	Less	6	11.8
<b>Total</b>		<b>51</b>	<b>100</b>

Based on the results of the analysis of table 1, it was found that the student learning environment

was in the good category as many as 25 respondents (49%), enough 20 respondents (39.2%) and the less category as many as 6 respondents (11.8%).

**Table 2.** Learning Concentration of STIKes Santa Elisabeth Medan in 2021.

No.	Learning Concentration	Frequency (F)	Percentage (%)
1.	High	23	45.1
2	Moderate	23	45.1
3	Low	5	9.8
<b>Total</b>		<b>51</b>	<b>100</b>

Based on the results of the analysis of table 2, it was found that the learning concentration of student was in the high and moderate category as many as 23 respondents (45.1%), and low as many as 5 respondents (9.8%).

**Table 3.** Relationship between Learning Environment and Learning Concentration of STIKes Santa Elisabeth Medan in 2021.

Learning Environment	Learning Concentration								P-Value
	Tall		Currently		Low		Total		
	f	%	f	%	f	%	f	%	
Goos	22	88	3	12	0	0	25	100	0.001
Enough	1	5	18	90	1	5	20	100	
Less	0	0	2	33.3	4	66.7	6	100	

Based on the results of the analysis of table 3 the distribution of respondent data, the results of the relationship analysis are obtained llearning environment with the concentration of learning based on the results of the chi-square test, it was found that of the 25 respondents with a good learning environment with high concentration as many as 22 people (88%), while the average concentration was 3 people (12%). Of the 20 respondents with sufficient learning environment, 1 person (5%), with moderate concentration, 18 people (90%), and 1 person with low concentration (5%). Meanwhile, from 6 respondents with less learning environment, 2 people (33.3%), and 6 people (66.7%).

Based on the results of the chi square statistical test, the results obtained p-value = 0.001 (p <0.05), it

can be concluded that there is a relationship llearning environment with a concentration on student learning STIKes Santa Elisabeth Medan 2021 year.

### Discussion

#### Learning environment Student of STIKes Santa Elisabeth Medan

Based on table 1 the results of research conducted at STIKes Santa Elisabeth Medan by distributing questionnaires to STIKes Santa Elisabeth Medan students via a google form link distributed through the Whatsapp group shows that the learning environment of students is majority in the category good. According to the respondent, this is due to

the existence of a clean and comfortable environment and far from the hustle and bustle of the city because it is located in a church environment.

The results of this study are supported by research journals Rustiana and Chalifah, (2016) about the influence of the learning environment, the results obtained that most of the respondents said the learning environment was good, as much as 37% this was because A supportive learning environment is also needed because the environment functions as a place where students learn. So it can be concluded that to achieve optimal learning achievement students must be in a supportive learning environment.

Results Jhonson Selvina, (2018), regarding the influence of the learning environment and creativity, 62.8% said that the learning environment was in the good category. This is because the learning environment is part of the learning process that plays an important role in growing motivation to learn. Learning is essentially an interaction between the individual and the environment, the environment provides a stimulus (stimulus) to the individual and vice versa, the individual responds to the environment that produces changes in the individual, both positive and negative.

Learning environment according to Sardiyannah, (2020) is everything related to the place where the learning process is carried out. This environment includes two main things, namely the physical environment and the social environment, both aspects of the environment in the learning process must support each other, so that students feel at home without any pressure or coercion.

From the quote it is said that the learning environment is an artificial situation involving the physical environment as well as the social environment. Thus the learning environment can be created in such a way, so as to facilitate students to carry out learning activities, then the learning environment can be seen from teaching and learning interactions which are the context of the learning experience, and can be in the form of a physical environment and a non-physical environment.

The learning environment can reflect high expectations for the success of all students. The environment refers to the physical space in which to study, the social and psychological environment of students that encourages learning, treatment and ethics in using living things, and safety in learning areas related to science learning.

### **Concentration of Student Learning STIKes Santa Elisabeth Medan**

The results of research conducted at STIKes Santa Elisabeth Medan by distributing questionnaires to students of STIKes Santa Elisabeth Medan via a google form link distributed through the Whatsapp group showed that study concentration the majority of students in STIKes Santa Elisabeth Medan are in the high category this is because the respondents are able to focus on the lesson. The focus is on the content of the learning material and the process of obtaining it. Students also know that the concentration of student learning is influenced by the ability of each student's brain to focus on what is being studied. This focus is to increase the possibility that students can absorb and understand the information obtained.

The results of this study are supported by research journals Setyani and Ismah (2018) Regarding the analysis of the level of concentration in learning, the results obtained are from 29 respondents as many as 17 respondents (58.62%) have a high concentration level. This is because students who have high concentration have active activities in answering questions given by the teacher, participating in learning activities. discussion, often ask the teacher.

Research result Novianti, et al (2019), regarding learning concentration, the results obtained from 44 respondents as many as 29 respondents (65.9%) have high concentration this is because respondents make concentration as one of the aspects that support students in increasing better achievement. in taking lessons in class and learning independently will be disrupted.

Concentration of learning itself is the concentration of one's mind or focus on the information obtained during learning. Learning concentration is the ability to focus attention on something related to memory (memory). Learning

concentration determines the success of the learning process and the achievement of student learning goals. Following the learning process with good concentration in learning will make it easier for students to understand and store the information obtained in long-term memory.

Other research results found regarding learning concentration that there is still concentration of student learning which is in the medium and low categories, this is due to network disturbances that often occur during the learning process, a busy and noisy atmosphere that can interfere with students who want to study in a calm atmosphere, students' health conditions are being disturbed, students feel boredom which causes the load of lessons that must be mastered by a student is very much. Not to mention that in order to have additional skills, they often have to take part in several activities outside of learning hours.

This is supported by research Dewi et al. (2020), about the concentration of learning from 29 respondents as many as 12 respondents (41.38%) have a low level of concentration category and it can be seen from student activities in class it can be seen that students rarely pay attention to teacher explanations, rarely ask teachers, students prefer to draw in notebooks compared to taking notes on the teacher's explanations, students' focus in the classroom is easily distracted by talking with friends and not paying attention to the teacher's explanations, completing assignments that are not appropriate, and being sleepy in class during class hours.

Other research Ferawati (2016) on 41 respondents as many as 22 respondents (53.7) have a low level of concentration this is because if a person's concentration starts to get weak it will tend to easily forget something and vice versa if the concentration is still strong enough it will be able to remember for a long time.

According to Setyani and Ismah (2018) that the concentration of learning is really needed in any learning process. This is because the aspect that supports students in learning is concentration. If students cannot concentrate on the ongoing lesson, then the impact will be detrimental to the students themselves because they do not get anything from the lesson. Because concentration is so important

for students, concentration can be a prerequisite for students in learning in order to successfully achieve learning objectives.

According to the researchers from the results of research that has been done, existing supporting journals, the theories obtained by researchers can be concluded that the high, medium and low concentration of a person's learning is influenced by the success of the student in focusing on the individual himself. Even in the most appropriate place, sometimes the individual's mind drifts to other things outside of what he is dealing with.

### **Relationship between Learning Environment and Student Concentration of STIKes Santa Elisabeth Medan**

The results showed that the learning environment of the student at STIKes Santa Elisabeth Medan looked better in the group of students who had a good learning environment, where most (88%) students who had a good learning environment showed a high level of learning concentration and there were no students who had a good learning environment. unfavorable learning environment shows a high level of learning concentration. Based on the results of the statistical analysis of the chi-square statistical test, the p-value = 0.001 (p value <0.05), thus means that there is a significant relationship between the learning environment and the learning concentration student at STIKes Santa Elisabeth Medan in 2021. Where most students with a good learning environment have high learning concentration and students with a poor learning environment have low learning concentration. The results of the study can be seen that the concentration of student learning is influenced by the individual's learning environment.

The environment is one of the factors that influence the formation and development of individual behavior, both the physical environment and the socio-psychological environment, including learning. The environment is something that exists in the natural environment that has a certain meaning and or influence on the individual. The educational environment is a factor that has an influence on educational practice and

also the place where the educational process takes place.

Setyani (2018) One of the factors that can affect children's learning concentration is the atmosphere of a learning environment that is not conducive: a busy and noisy atmosphere is of course very disturbing for students who want to study in a calm atmosphere. Likewise, if in one house there is more than one type of student learning. On the one hand, there is one student who can only learn while listening to music loudly, while the other students want a quiet atmosphere.

According to researchers, the learning environment is significantly related to the level of concentration in students' learning, which shows a tendency for students who have a good learning environment to have a better concentration level when compared to students who do not have a good learning environment. Learning environment is a means of infrastructure to explore students in learning. The learning environment is an infrastructure for students to devote themselves to activities, to be creative, including to manipulate many things until they get a number of new behaviors from these activities.

The results of the study are in line with those carried out by Verdiana (2018), where it is known that the significant value ( $p$ ) is 0.001. So it can be concluded that there is a significant relationship between learning environment with learning concentration. This result can be caused because students who have a good level of concentration are higher than those who have high levels of concentration. Good learning environment compared to just breakfast and no breakfast.

The results of this study are in line with the research conducted (Daryanti, 2018) Based on the results of research on the relationship between the learning environment and library utilization with student learning achievement in the Midwifery Study Program, Sebelas Maret University, Surakarta, it can be concluded that there is a positive and significant relationship between the learning environment and student learning achievement, this is indicated by the results of correlation calculations, obtained  $r_{count} = 0.428$ , with a significance value of 0.006 where  $r_{count} =$

$0.428 > r_{table} = 0.312$  and a significance value of  $0.006 < 0.05$

Other research Middleton, (2019) find the results Data analysis using correlation analysis and simple linear regression. Based on the results of the calculation of correlation analysis, the correlation coefficient value ( $r_{xy}$ ) = 0.356, which means that there is a positive relationship, and a significant level of  $0.176 > 0.05$ , based on these results it can be seen that there is a significant relationship but has a positive relationship between the learning environment and student learning concentration. Thus, it can be concluded that the relationship between the learning environment and student achievement has a positive relationship where the better the learning environment, the better learning achievement.

## Conclusion

The majority of students in STIKes Santa Elisabeth Medan have a good learning environment as many as 25 respondents (49%), the majority of STIKes Santa Elisabeth Medan students have a high level of learning concentration as many as 23 respondents (45.1%), there is a significant relationship between the learning environment and the concentration of learning on the students of STIKes Santa Elisabeth Medan obtained  $p\text{-value} = 0.001 < 0.05$ . The results of the research that have been obtained by researchers are expected to help students to create a good learning environment so that their learning concentration is high.

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