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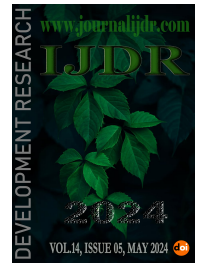
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RESEARCH ARTICLE

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FACTORS THAT INFLUENCED THE STUDY INTEREST OF THE STUDENTS AT ENSINO SECUNDARIO GERAL FILIAL OF LAGA, TIMOR-LESTE

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ABSTRACT

The Development in the education sector is as a key to increase the quality of human resources, especially to ensure the sustainable development of the new generation for Timor – Leste. The aim of this research is to find out and analysis the factors that influence the study interest of the students at EnsinoSecundarioGeral Filial of Laga. The sample or respondents was taking in this research were 53 students of 11th grade school years of Science and Technology. The count result value was compared with total percentage of expectation through descriptive statistic and interval value. Through the research funding was indicated that internal factors (motivation and awareness of study) and external factors (parents awareness and family environment) were influenced the study interest of the students. The family environment was the highest influenced for the study interest of the students with the score of $43,0 < X$ the biggest frequency score with interval classes with highest category in the percentage of 50,94% compared with the 52,83% of the study motivation factor, 41,51% of awareness study and 41,51% of parental controlled. Through several aforementioned factors consisted of internal and external factors, where the highest influenced factor for the study interest of the students was the family environment factor as external factor. That 'sways the researcher proposed to all parts, specially parents to create and ensures a good family environment, so students can study diligently.

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INTRODUCTION

Timor-Leste as a new country was restored its independence in the 21st century. That's way, the government has an effort to increase and ensure the education quality in Timor-Leste to contribute for the nation and estate development including the qualified and capable human resources. Education is as planing system to prepare human resources to achieve an objective. Education is not just a bridge to transmit science and technology but also as a means to provide moral transformation, hence producing a good attitude and qualified human resources in family and society in other to respect each other. The good learning process needs the legality or the law to regulate and set up a qualified education process, so everyone such as teacher and students have to comply and follow the established rules. According to the decree law in number of 14/2008 about basic education law in article 3 of paragraph (1) that:

"The educational system was developed through forms and guarantees freedom of learning and teaching, paragraph (2) the state recognized the value of private and cooperative teaching, as a concrete expression of freedom to learn and teach".

Therefore, the government provided the opportunity to all citizen to learn and study due to the level of study established in the decree law of number 14/2008, from pre-school, basic education, secondary

school and high education, so the students can learn as well as possible therefore, they can improve their abilities with knowledge in order the students can become smart, have good learning awareness, experience, knowledge and good abilities. The interest of study as supported factor for the student's success, because the students who have no interest for any subjects, will indicate antipathy and dislike attending the learning process. To attract the sympathy of students needs help and support of everyone such as parents, teachers, friends in school environment in such a way to rise up the willingness feeling of the students. This situation will create the interest of the students to learn the subjects were provided of the teachers and the students has own conscience to study to achieve the final expectation. Normally, the students who interested in one subject will make dreams come true. But, when the students have no interest for any subject, especially lack of concentration due to the subject attended will not support and not increased the capacity and skills. This statement strengthened by Slamento (1991) that, interest is the psychological aspects that arise from within the student to choose something. Based on the observation, indicated that when the learning process is going on, the students in the classroom couldn't pay attention to teacher's explanation. Sometimes, the students dislike learning, leave out of class during several minutes and reentry again until another subject is continuing. Other general observation showed that, when the students returned from the school, majority unfocused on study but, walking back and forth and joking with friends or neighbors due to some invaluable things. So, the students returned

home in dinner time and sometimes in the middle of night or early in the morning. Based on the interviewed of a mother of one student that, the students study just sometimes not be frequently, the students spend a lot of time to have a joy and do some other activities. This thought was reinforced by the student with the initial names AAB that in the normal time the students has not focused on study but, only focused study during in the examination time only, in order to responds several questions was provided by the teacher in the exam time.

The Theoretical Framework

The Interest of Study: According to Darajat, et al. (2007:113) that the interest is the tendency of life to continue restoring huge value for human being. Interest in learning is a big challenge for someone who wants to find out something from someone else, whoever feels valuable. With the ability to comply with all expectations that will give rise to values and the willingness to show various kinds of behavior to add self-consideration. According the Witherington (1986) in Handayani (2008) that interest is someone's awareness for an object. Interest is a person's awareness of something, a subject or a situation that is related to the refer subject. There is no awareness of an individual to some object, so the individual is not interested to an object. According the Widya (2006) that, The interest study of the students is defined as a feeling of desire for learning activities such as reading, studying, writing, even individual assignments and practice that are not ordered by others. In regard to this, with the above thoughts concluded that, the study interest is a feeling from the individual itself with a tendency to be curious and learning is related to learning activities, because interest will influence the student's own activities. According to Sukardi (2003) Classified the study interest of the students to be four (4) such as: (1) *Expressed interest*: the interest is a verbal expression that shows a person or student's likes to an object or activity; (2) *Manifest interest*, the interest that involves an individual to take part in certain activities; (3) *Tested interest*: Interest is seen through tests of understanding and ability inside the activity; (4) *Inventoried interest*: Interests expressed through an inventory or list of activities that can be considered as declaration.

Then, according to Luwzee (2008) that, the study of interest is a process, which occurs through a sentiment of wiliness that gives attention to an object, to create a tendency to do something. Interest in learning itself is divided into two parts, such as (1) Interest that exists within oneself (natural), namely interest that is not influenced by other factors, even though from necessity or the environment, but is related to talent; and (2) Interest caused by external factors such as the environment, parents and the teachers. Thus, can be concluded that the type of study interest of the students is a courage that arises from an individual itself which is combined between interesting of feelings and the desire to pay attention to learning activities and the interest arises caused of internal aspects and aspects that arise naturally from the students itself.

Factors that Influenced the Study Interest of the Students:

According to TotokSantoso (1998) that, factors that influenced the study interest of the students such (1) Motivation and idea (Motive is the force within a person to do some specific activities to achieve goals. Motive being an internal condition or preparation for internal disposition. Motivation is the biggest reason to be active for student's determination, Motivation being a force for global impulsion of the students. Motivation is a global impulsive force within students to create learning activities in order to achieve desired and expected goals), (2) Family (Safe home environment, calm and secure will support the study interest of students at home. Students can study calmly in order to provide benefits to the learning process itself, so that family attention to students' learning activities and installations can improve learning). (3) Teachers (teacher has to create a conducive learning and stimulate the study interest of the students)

According to Setiani&Priansa (2015) in Anggraeni (2017) that factors which influenced the study interest of the students such:

a. Internal factors

- 1) **Physiology factors:** Physiological factors that influenced the study interest of the students' such (a) Health: Student health can also has an impact on the learning process, and also, when students are tired, not happy, headache, sleepy, anemia or has visual condition problems and vital organs problems of the students and (b) Disability; Students who have physical disabilities will have an impact on their studies. Thus, students with physical and eye disabilities will attend in special educational institutions with special facilities and instruments according to the physical condition of the students.
- 2) **Psychological Factors:** Psychological Factors consisted of: Intelligence: the students who are smart/ have a high level of intelligence will be successful in their studies and get good grades compared to students who have a low level of intelligence. However, this does not mean that students with high intelligence do not need to study, because learning is a process of transforming someone's knowledge, (b) Attention: To achieve maximum and good learning results, students must pay attention to the subject of study provided by the teachers. However, if the students do not pay attention to the subject study which offered by the teacher, will get feelings of empathy and dislike to refer subject study provided. Therefore, students must focus attention on the teacher's explanation, (3) Talent: Learning capacity. When the subjects studied correspond to their talents or preferences, students will obtain good results.

b. External factors

External factor consisted of: (1) Family factors: family factors that influenced the study interest of the student such as: parents upbringing, family relationships, family conditions, family environment, family economic conditions, and parents' concerns and culture; and (2) School factors, such as: teaching methods, curriculum, relationships between teacher and student, student relationships, school discipline, facilities, school schedule, evaluation systems, office conditions, and task distribution system.

According to <http://etheses.iainkediri.ac.id> that generally, factors that influenced the study interest of the students such as:

(1) **Internal Factors:** The Internal factors consisted of (a) Attention: The students' attention to learning subject study determined for learning successful, because when the students pay attention to learning subject study from the teachers, will ensure that students will know the subject of study that they are paying attention to, (b) Motivation: The success of the students, because of the need for motivation from students who focused and pay full attention, plan and carry out learning activities, (c) Awareness: A feeling that arises from a student itself to find out due to subject of study and things, and (d) Needs: The conditions for students itself to carry out study and learning activities, because there is a feeling of achieving something.

(2). **External Factors:** Consisted of (a) Parents: Problems with family conditions, fighting with each other, parental divorce (Divorced) will have an impact on students' interest in learning. Parents will determine their child's interest in learning because it is a motivator to ensure their child's future; (b) Teachers: In the learning process, teachers strive to encourage, orient, facilitate and teach students to achieve goals. The teachers will provide harmonious learning conditions, interactive in providing questions, play the relevant games to the subject of study that offered, motivate students, so the students can enjoy learning and studying, (c) Facilities: Ways that can support and facilitate all students' activities in the learning process. These schools that have complete facilities will motivate and produce study interest of the students. (d) Environment: The students will face directly the general situation and behavior of society. The most important part that can have an impact on students in their living environment is the friends they hang out with. Based on several theories above, the factors were influenced the study interest of the students in learning process was the factor from the individual of

students itself (Internal Factor) and external factor or factor that was not from the individual students itself (external factor). Internal and external factors are playing an important role in students' personal development.

Study interest: According to Mulyasa (2003) that, Interest is a force intended to motivate students to influence intelligence and behavior with good goals. When the students have good ability but no motivation to learn, they will not understand the subjects of study well. According to Sardiman A.M. (2014) that Interested is change energy within a person with the appearance of the sign "Feeling" and the beginning of something towards a certain goal. According to Sardiman (2009) that, the study interest is the strength of the general internal movement to carry out the learning activities and indicate the direction of study activities in order to achieve the expectative goals. Based on the explanation above, the study interest has the essential role regard to learning success and achieving the learning goals expected by the students, because the students who have highly motivated will have an effort to achieve the goals, but the students who lack interest in learning do not pay attention to learning will not achieve their learning goals. Thus, interest in learning is an internal force that makes and supports students to carry out learning activities to achieve goals.

Characteristics of the interest are important to determine student's success in the learning process. When students persist in solving problems, dare to solve various problems alone, students consistently in idea based on their own understanding, these ideas are rational. Sardiman A.M. (2014) that, learning is really requiring motivation, because motivation is the essential criterion in learning. Learning outcomes will be good, when there is motivation. With clear motivation, you can also succeed in this subject. In spite of motivation will determine the intensity of students' efforts. Success in an effort to achieve goals, strong and weak, is determined by motivation. Good achievements are difficult to obtain when there is no struggle to resolve problems or challenges. When you are interested in learning, you will show good results. Starting to be diligent and strive for yourself because you have a good interest in learning will lead to good achievements. The intensity of a person's motivation will determine the level of learning achievement. There are 4 types of interest functions, namely: 1. Supporting someone to do something; (2) Determine the goals to be achieved; (3) Selecting behavior that has an impact on achieving goals and (4) Encouraging someone to strive to achieve an achievement.

RESEARCH METHODOLOGY

This research was conducted at Ensino Secundario Geral Filial of Laga of Baucau Municipality. The samples r respondents of this research were 53 students of Science and Technology. Variable as a research object or something that is the focus of research attention (Arikunto, 2002). Various factors analyzed in this research and considered as the influenced factors of study interest of the students consisted of internal factors such as motivation and learning awareness. Sampling technique is a technique used by researchers to collect data and then continue to analyze. The technique used to collect data is a questionnaire. This research used the interval descriptive analysis method. This method is used for research purposes to describe data obtained from questioners distribution. The descriptive method with an exploratory character aims to describe the condition or status of a phenomenon. The count result or calculated value can be processed by calculation, compared with the total expected percentage based on the theory of Sutrisno Hadi (1989). To analyze the data verbally, the research data requires understanding based on the Standard Ideal Mean (Mi) and Standard Ideal (SDi) values that used scales from Anas Sudjono (2008: 175).

RESEARCH FINDING

To know the contribution of variables or internal and external factors that influenced study interest of the students are as follows:

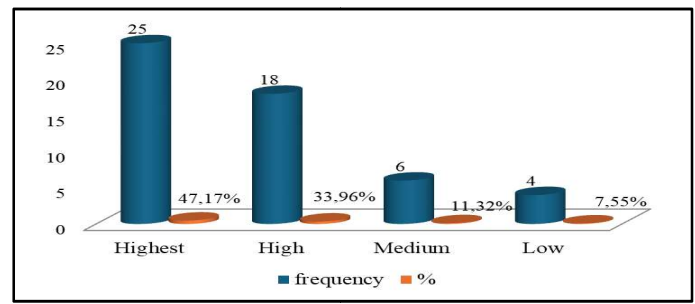
1. The study interest of the students

The study interest of the students at Ensino Secundario Geral Filial of Laga will get through the study interest. Before date analysis, firstly look for the Ideal of Middle Value (IMV) and Ideal Standard Division Value (ISDV). The results of the analysis of the study interest of the students can be seen from the table below:

Table 1. The Categories of the Students Study Interests

Categories	Scale	Freq.	%
Highest	$43,25 \leq X$	25	47,17
High	$38,5 \leq X < 43,25$	18	33,96
Medium	$33,75 \leq X < 38,5$	6	11,32
Low	$33,75 > X$	4	7,55
Total		53	100 %

From the above table, indicated that the scale of $43,25 \leq X$ with the total frequency of 25 (47,17%) in the highest category, with the scale of $38,5 \leq X < 43,25$ with frequency of 18 (33,96%) high category, with the scale of $33,75 \leq X < 38,5$ with seven frequency of (11,32%) medium category, with the scale of $33,75 > X$ with four frequency (7,55%) with low category. The description of study interest of the students could see the graphic below:



Graphic 1 the Study Interest Factoc of the Students

Based on the counting and calculation of study interest of the students factor in the highest category with the total of frequency 25 (47, 17%), amount of frequency of 18 (33,96%), in the medium category with a total of six (11, 32%) and with low category of frequency four of (7.55%).

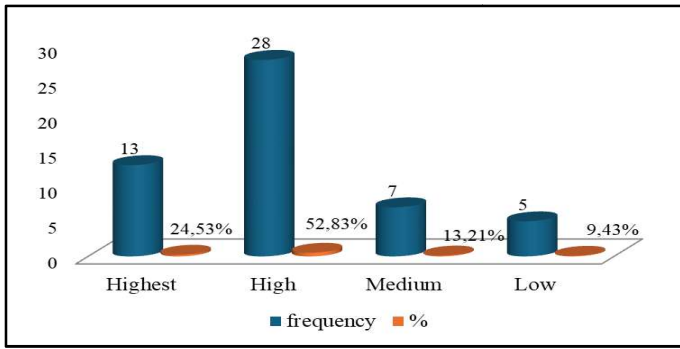
Factors that influenced the study interest of the students: In this study, the researchers distributed questionnaires to respondents with an amount of 53 questions about internal and external factors. To find out several factors that influenced study interest of the students according to the questionnaire that has been distributed to respondents, consisting of internal and external factors, such as:

Study Motivation : In this research, the researcher analyzed about the motivation study factor that influenced the study interest of the students. The referred value indicated that, the total frequency of the motivation study factor has four categories, as follows:

Table 2. The Learning Awareness Factor

Category	Score	Freq.	%
Highest	$43,25 \leq X$	13	24,53
High	$37,75 \leq X < 43,25$	28	52,83
Medium	$31,75 \leq X < 37,75$	7	13,21
Low	$31,75 > X$	5	9,43
Total		53	100 %

From the above table, indicated that the scale of $43,25 \leq X$ with the total frequency of 13 (24,53%) in the highest category, with the scale of $37,75 \leq X < 43,25$ with frequency of 28 (52,83%) high category, with the scale of $31,75 \leq X < 37,75$ with seven frequency of (13,21%) medium category, with the scale of $31,75 > X$ with five frequency (9,43%) with low category. The description awareness study interest of the students could see the graphic below!



Graphic 2. The Learning Awareness Factors

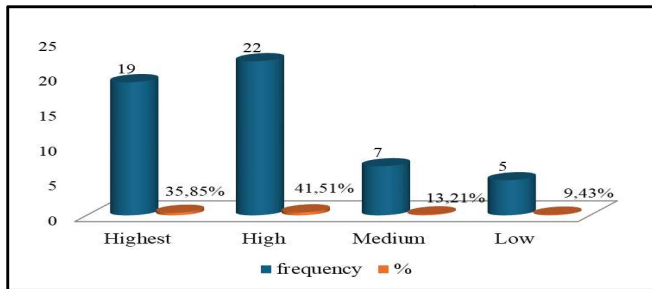
Based on the counting and calculation of study motivation factor in high category with the total of frequency 28 (52,83%).

The Study Awareness: In this research, the researcher analyzed about the awareness study factor that influenced study interest of the students. The result of the analysis indicates that, the total frequency of the awareness study factor has four categories, as follows:

Table 3. The Study Awareness Factors

Category	Score	Freq.	%
Highest	$44,5 \leq X$	19	35,85
High	$39,0 \leq X < 44,5$	22	41,51
Medium	$33,5 \leq X < 39,0$	7	13,21
Low	$33,5 > X$	5	9,43
Total		53	100%

From the above table, indicated that the scale of $44,5 \leq X$ ho with the total frequency of 19 (35,85%) in the highest category, with the scale of $39,0 \leq X < 44,5$ with frequency of 22 (41,51%) high category, with the scale of $33,5 \leq X < 39,0$ with seven frequency of (13,21%) medium category, with the scale of $33,5 > X$ with five frequency (9,43%) with low category. The awareness study interest of the students could see the graphic below!



Graphic 3. The Awareness Study Factor

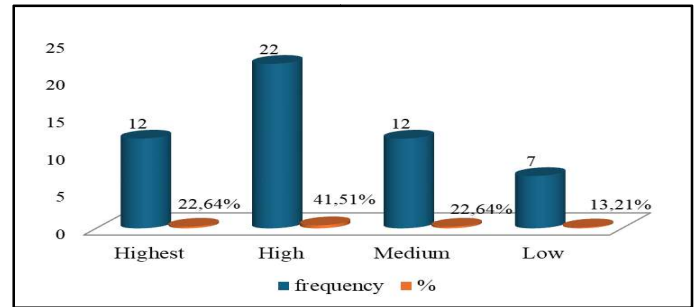
From the table and graphic above, indicated that learning awareness factor with a huge frequency and percentage score or interval of $39,0 \leq X < 44,5$ with the highest category and frequency of 22 (41,51%).

a) **Parent’s Attention:** In this research, the researcher analyzed the parent’s attention factor that influenced the study interest of the students. The result of the analysis indicates that, the total frequency of the parent's attention factor has four categories, as follows:

Table 4. Parent’sAttention Factor

Category	Score	Freq.	%
Highest	$44,5 \leq X$	12	22,64
High	$41,0 \leq X < 44,5$	22	41,51
Medium	$36,5 \leq X < 41,0$	12	22,64
Low	$36,5 > X$	7	13,21
Total		53	100%

The above table, indicated that the scale of $44,5 \leq X$ with the total frequency of 12 (22,64%) in the highestcategory, with the scale of $41,0 \leq X < 44,5$ with frequency of 22 (41,51%) highcategory, with the scale of $36,5 \leq X < 41,0$ with frequency of 12 (22,64%) mediumcategory, with the scale of $36,5 > X$ with seven frequency (13,21%) with low category. The parent’s attention influences factor for the study interest of students, could see the graphic below!



Graphic 4. The Parent’sAttention Factor

From the table and graphic above, indicated that learning awareness factor with a huge frequency and percentage is the score or interval of $41,0 \leq X < 44,5$ with a high category and frequency of 22 (41,51%).

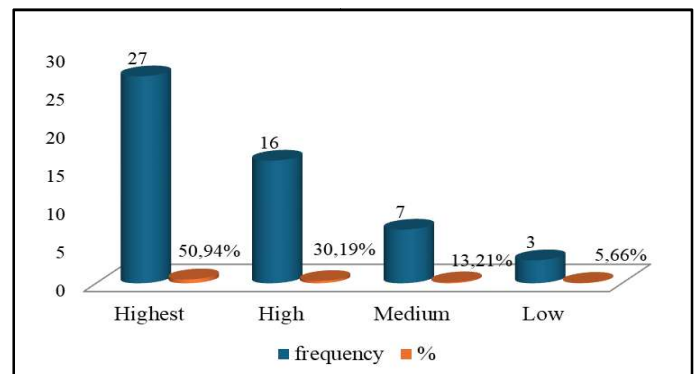
Family Environment: In this research, the researcher analyzed the family environment factor that influenced study interest of the students. The result of the analysis indicates that, the total frequency of the parent's attention factor has four categories, as follows:

Table 4. 20 Family Environemt Factor

Category	Score	Freq.	%
Highest	$43,0 \leq X$	27	50,94
High	$37,0 \leq X < 43,0$	16	30,19
Medium	$31,0 \leq X < 37,0$	7	13,21
Low	$31,0 > X$	3	5,66
Total		53	100%

The above table, showed that the scale is $43,0 \leq X$ with total frequency of 27 (50,94%) in the highest category, with scale $37,0 \leq X < 43,0$ with frequency 16 (30,19%) in higher category, scale $31,0 \leq X < 37,0$ with seven frequency (13,21%) medium category and scale of $31,0 > X$ with the frequency of 3 (5,66%) with a low category. The family environmental influenced factors for the study interest of students, could see the graphic below!

Graphic 5. Family Environment Factors



From the table and graphic above, indicated that, the learning awareness factor has the highest frequency with the percentage of score or range of $43,0 \leq X$ with the highest category with a frequency of 27 (50,94%).

DISCUSSION

The researches finding indicated the interest study of the students in the category of high frequency, with 25 or 47,20% influenced of

internal factor was consisted of study motivation and awareness of study of the students and the external factor influenced was consisted of parent's awareness and family environment. From, the two factors (2) that could be analyzed in this research through questionnaires distributed to respondents or samples by researchers and the results of the filling will be used to analyze in order to get the impact. Therefore, the study interest of the students will get the negative impact of internal factor that consisted of the students, awareness and motivation to study. Where the research finding indicated that, a very large frequency value can have an influence on students' interest in learning, namely the value of the learning motivation factor with the largest frequency and percent with a score or interval of $37,75 < X < 43,25$ in a high category with a total frequency of 28 (52,83%), and the learning awareness factor of the students with an interval score of $39,0 < X < 44,5$ in a high category with the frequency of 22 (41,51%). From the both internal factors, when compared with the descriptive percentage score, indicated that student's, learning motivation factors are in the moderate category and learning awareness is low category. Thus, the internal factors that have little influence were students' learning motivation compared to students' learning awareness. Hence, all students can be committed to learn, good learning motivation is needed. Therefore, it can encourage students to study diligently. When students have no motivation to learn, it will have an impact on students' learning commitment. However, there also needs to be awareness of independent learning in order to achieve goals and get satisfactory results because the research finding contributes to lacking results. From the statistical finding analysis which consisted of parents and family environment showed that, the dominant factor in the highest category is family environment, with interval score of $43,0 < X$ with the total frequency of 27 (50,94%) compared to parents intention factor, because of score or interval of $41,0 < X < 44,5$ with the higher frequency category of 22 (41,51%). Where, the external factor that really influences the highest category is the family environment in the high category. From, these two external factors, when compared to the descriptive percentage score indicated that, the family environment is in the medium category and attention from parents is in the poor category. Thus, students who have little intention of learning experience the impact of the family environment and students' learning motivation because the research results show that they are in the medium category compared to the factors of learning awareness and parental concern in the less category. Therefore, realize that family environmental factors can influence students' learning motivation. From the aspect of family environment and high motivation to learn, family environment with a percentage of 50,94% in the highest category and motivation to learn with a percentage of 50,94% in the high category. Therefore, when students intend to learn, they must obtain good support from the family environment so that they can generate learning motivation in the students themselves. However, when students arrive home or return from school without receiving attention from their parents, they will have no intention of studying.

CONCLUSION

Based on the aforementioned results of research and discussion, concluded that the environment family is highly influenced for the interest study of the students with the high score interval class frequency with $43,0 \leq X$ highly category in percentages of 50,94% compared to the score of study motivation factor with 52,83 % in high category than awareness study of 41,51% and parent's intention is with 41,51%. Apart from these factors there were some factors used for analysis of this issue which consist of internal and external factor, whereas defined several mentioned factors, definitely the environment factor is highly influenced for the study interest of students.

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