

Conference Paper

The Relationship of the Quality of the Physical Environment, the Communication Pattern of Modern Family and College Student Self-concept

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Abstract

The high level of technological advancement in Indonesia and the changing patterns of communication in family units can contribute to the development of the concept of the individual. Based on the theory of ecological, all forms of change in someone's behavior to a centralized system of public order can also be seen based on environment. Therefore, it is necessary to analyze the studies done concerning the quality of the physical environment, the pattern of family communication in an era of modernization, and its impact on students' self-concept. This research was carried out in the Faculty of Engineering, State University of Jakarta. Data analysis was done using a simple correlation to see relationships between variables. Example on research amounts to 75 student diploma college D3 and S1 graduate Cosmetology Vocational Education. The results showed that the variable quality of the physical environment is associated with significant negative self-concepts of physical appearance, and with the significant positive self-concept in popularity. A variable pattern of family communication is associated with significant positive self-concept of physical appearance and with significant negative self-concepts of behavior.

Keywords: the quality of the environment, the communication pattern modern family, self-concept, simple correlation

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1. Introduction

The era of globalization contribute to the good at the change of mindset, behaviors to social values and culture. In the system, though in the exposure of globalization, individuals directed to behave to achieve ecological, homeostasis governing the process of symbiosis between the environment and human mutualism itself, so naturally the human process on the life always related to its physical environment. Along with each passing year, the population of Indonesia internet usage increasing, in the year 2016 data research results revealed there were 132.7 million users or around 51.5%

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from 256.2 million inhabitants of Indonesia are either internet, the overall percentage of 18.4% or 24.4 million internet users aged 10-24 years and 7.8% from 10.3 million was a student [1].

Based on the survey results, APJII added statistics of internet users based on their job, students were in the top three active users of the internet, where the first in the country by private employees as much as 23.8 million, both small entrepreneurial 20 million soul, 18 million college students, government employee 14.9 million, 11.3 million students and IRT (Housewives) as much as 10.8 million. The main activity, reported by the data of APJII [1] in the use of internet access is to chat. Given the fact of the data elaborated by APJII, the impact that changes in family institutions, one of which was communication.

In order to limit themselves to be able to use the internet according to needs and face the challenges of the changing times, then someone must have a concept of self. The concept of the self-declared as mental imagery refers to the self, its coverage individually how individuals are able to see an overview of the strengths and weaknesses in the overall dimensions of personality [2]. Concept of divide themselves into three main components, namely cognitive self-concept, the concept of social self, and physical competence and general self-esteem factor [3]. At adolescence, family open to expression, ideas, and opinions of children will encourage teens to grow and grow [4].

The modernization of its own, has a negative and a positive side. In order to be useful, each family can do the protection institution through the communication pattern. The communication pattern descriptive family psychosocial process based and summed up the reality of the social environment are assumed to be universally applicable in communication behavior influenced by cultures, which in each country will vary the pattern [5]. Response and adaptation of institutional members in the family will affect the patterns of communication. First, the pattern of family communication focused on messages and message Messenger channels [6].

2. Methods and Equipment

2.1. Methods

This study uses qualitative methods. The data is processed to look at simple correlations between variables using the SPSS version 20.

2.2. Research purposes

This research has the following objective:

1. Know the extent to which the physical environment plays a role in the formation and development of the self-concept of students Makeup Jakarta State University Faculty of engineering
2. Obtain an overview of the changing patterns of family communication in the era of globalization, the concept of self in relation to student Makeup Jakarta State University Faculty of engineering
3. Analyze the correlate of the quality of the physical environment, the communication pattern of modern family and student self-concept in Cosmetology Vocational Education Studies, Jakarta State University engineering faculty.

2.3. Research subject

The subject of this research is the student of Faculty of Engineering University of Jakarta, D3 and S1 cosmetology studies originating from the 2015, 2016, and 2017.

3. Results

This study measured using three types of instrument. The first variable to measure the quality of the physical environment, appropriate ecological theory of construct instruments, the second variable is modified from Revisited Family Communication Patterns [7], and the variable to three translated and adopted without adding items from Adolescents Self-Concept Short Scale version of PHCSCS [8], then developed that consists of 6 dimensions, form; (a) anxiety, (b) physical appearance Behavior, (c), (d), (e) the Popularity of happiness, and (f) the Status of the intelligentsia [9–12].

Based on research results, respondents come from 21.3% 2015 forces, 32.0% forces of 2016, and 2017 46.7% of the force. This research in its entirety followed by the respondent that the female sex. As much as 1.3% last father's education was elementary, as much as 1.3% junior high school, 41.3% of senior high school, and 56% are Undergraduates. Meanwhile, the last education mom i.e. 1.3% elementary, 4.0% junior high school, 49.3% senior high school, and 45.3% S1. With the family status of respondents, as much as 16% of the respondents came from divorced families and 84% of the whole family. By the order of birth of 37.3% is the first-born, middle child,

22.7% and 40.0% of the youngest child. Results of the study also stated that the quality of the physical environment is associated with significant negative self-concepts of physical appearance, meaning that the higher the quality of the physical environment, then the lower the self-concept of students' physical appearance. In addition, the quality of the physical environment are associated with very significant positive self-concept of students' popularity. Which means, the higher the quality of the physical, then the higher the popularity of self-concept of students.

Meanwhile, for a variable pattern of modern family communication, dealing with very significant positive self-concept of students' physical appearance, which means the better the communication pattern in modern family, then the higher self-concept the physical appearance of the students. Meanwhile, the communication pattern modern family is associated with significant negative self-concept of college students' behavior, which means the better the communication pattern in modern family, then the lower the self-concept of students' college behavior.

It can be seen, the self-concept of physical appearance is associated with very significant positive communication patterns of the modern family, which means the better the self-concept of students' physical appearance, then the Nice modern communications patterns also within his family. As well, the concept of self-physical appearance associated with very significant positive self-concept of happy students, meaning that the higher self-concepts of physical appearance, then the higher self-concept too happy college students. Based on the results of other research, suggests that the concept of self-behaviors associated with significant negative communication patterns of the modern family, which means the better the self-concept of college students' behavior, then the bad modern family communication patterns student. Meanwhile, the concept of self-behaviors associated with significant positive self-concept in popularity, which means the better the self-concept of college students' behavior, then the higher self-concept in popularity.

The study results also show that the concept of self-behaviors associated with very significant positive self-concept of happy students, which means the higher self-concepts of behavior, then the higher self-concept happy students. Meanwhile, the concept of self-behaviors associated with highly significant negative self-concept of college students' intelligence, which means the better the concept of self-behavior, then the lower the self-concept of college students' intelligence.

TABLE 1: Distribution coefficient of Correlation between Research Variables.

Variable	The Quality Of The Physical Environment	Modern Family Communication Patterns	Anxiety Self Concept	The Self-Concept Of Physical Appearance	The Self-Concept Of Behavior	The Self-Concept Of popularity	The Self-Concept Of Happiness	The Self-Concept Of Intelligence Status
The Quality Of The Physical Environment	1	0.013	-0.192	-0.292*	0.183	0.308**	-0.045	-0.221
Modern Family Communication Patterns	0.013	1	0.115	0.323**	-0.264*	0.063	-0.127	0.225
Anxiety Self Concept	-0.192	0.115	1	0.078	0.013	0.071	-0.162	-0.046
The Self-Concept Of Physical Appearance	-0.292*	0.323**	0.078	1	-0.11	-0.027	0.398**	0.266
The Self-Concept Of Behavior	0.183	-0.264*	0.013	-0.11	1	0.270*	0.477**	-0.478**
The Self-concept of popularity	0.308**	0.063	0.071	-0.027	0.270*	1	0.144	0.054
The Self-concept of happiness	-0.045	-0.127	-0.162	0.398**	0.477**	0.144	1	-0.086
The Self-concept of intelligence status	-0.221	0.225	-0.046	0.266*	-0.478**	0.054	-0.086	1

Notes: **) significant 0.01; *) significant 0.05.

4. Discussion

The concept of the self-declared as global assessment [13]. The relationship between the concept of self in one dimension and subject specific research can be views from between research variables, where the quality of the physical environment affect the two-dimensional self-concept, modern communication patterns affect the two dimensions of the concept of the self. The research was based on that of the concept of self and academic achievement are significantly related [14, 15].

5. Conclusion

In conclusion, this study gives the relevance that the environmental quality in the place of residence, family and self-concept in students may be at the association. The concept of the self is a very important thing for the owned by the student in the concept of the self will be able to map out the potential of a critical stage in the development of individual intelligence, physical, behavior, to a sense of happy.

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Conflict of Interest

The authors have no conflict of interest to declare.

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