The Role of Learning Environment in Developing Student Character: A Review

Indra Darmawan[1]
Achmad Ridwan[2]
Riyadi[3]

Indra Darmawan[1], *state university of Jakarta*
Email: IndraDarmawan_9913920008i@mhs.unj.ac.id

Achmad Ridwan[2], *state university of Jakarta*
Email: achmadridwan@unj.ac.id

Riyadi[3], *state university of Jakarta*
Email: riyadi@unj.ac.id

Abstract

The main purpose of this study is to systematically discuss and review the results of previous research related to character development by the learning environment. Four (4) stages of work, namely identification, screening, , eligibility, and including carried out systematically are the methods of this research. Search articles using databases: Elsivier, Taylor, and Wiley during these past six years (2014-2020). International proceedings and English-language journals which are accessed in full text, are a must in collecting articles in this research. The result of study found that 650 research articles have discussed the learning environment and student character. The results of the final study after being screening by the PRISMA method and inclusion criteria found that as many as 15 research articles discussed the learning environment in student personality development. Teachers play an important role in architecture. Good relations with students, able to guide, motivate and provide relevant courses, students.

Key Word: LearningEnvironment, Student Character, and Responsibility Character

INTRODUCTION

With the advent of the modern era, the characteristics of Eastern culture began to be abandoned. This role is what children don't know, especially in early childhood. One of these characteristics is a responsibility, which is part of the responsibility of Independence. It is not easy to introduce and develop a sense of responsibility in early childhood. It requires strategy and technology. We can start by studying for a teacher. Therefore, it is very necessary to establish the nature of the responsibility of prospective early childhood teachers and students (Rolina,2014)

Through this project, the method can be developed to develop students' sense of responsibility towards prospective early childhood teachers. We can use a joint project approach to develop accountability as part of independence. Several stages must be completed by the lecturer (planning and preparation, ongoing projects, reflection, and conclusions). When students (early chilhood teacher candidates) learn through the project method, they will also go through several stages, for example discussions, field trips, surveys, presentations, and opinions. in this situation the project method), the early childhood teacher candidates can learn the nature of responsibility, such as how to complete project responsibilities given by the lecturer.[1].

Big Indonesian Dictionary [2] argues that value is very important for humans. Therefore, the character is more influenced by the environment is also influenced by culture. Call it the characteristics of Indonesian society. Morality, intelligence, and spiritualism are inherited from our ancestors and echo Indonesian culture which is very thick and plural. One of them is independence.

Spike in interest in higher education courses, lead to a surge in transferable skills. Research widely Universities around the world revise or reconsider their programs with a view

to move towards interdisciplinarity and taking into account coherence, breadth, depth, and community participation and globalization[3]

So far, curriculum review committees around the world have existed. In addition to the need for general education or core courses, research can also examine students' sense of social and personal responsibility is measured to what extentthe extent. This research will help them consider the contribution of certain subjects to student development. [4]

The character formation in students demonstrates success in the learning process within the school. The success of the learning process in the school, influenced by many factors[5, 6], one of which is the good learning environment [7], the good learning environment is seen from comfort and conducive circumstances in the implementation of the learning process, making it easier for students to concentrate on following the learning process. By preparing a good environment for learning in school, it has a positive impact on the implementation of the learning process. The environment can be interpreted as everything that is outside the child [8-10], the environment covers climate, residence, customs, knowledge, education and nature. It can be said that the environment is everything that is visible and contained in life that is always developing. [11] mentions the environment is divided into three parts, namely: external or physical environment, internal environment, and social environment.

METHODS

The systematic literature review (SLR) was chosen to conduct this study with four stages, namely identification, screening, eligibility, and including. Identification stage: database and database that will be used considering the large volume of databases commonly used in the search for education referral. The database is Elsiver, Taylor, and Wiley with textual words that will be used as keys are "learning environment", and "student character". If the keywords and synonyms are not textually in the title and/or abstract, they cannot be used. Second Screening stage, At this stage: Inclusion Criteria, Limiting Locations, The main criterion is the limitation of the publication year (2014-2020). Scientific journals and proceedings, which contain the desired results, are the articles used in this research , namely about character development by the learning environment. Use desktop software to record search results in a special storage folder.Special storage folder using *Mendeley* desktop software. Check for duplication by hierarchically comparing the search result files in each database, meaning using the database based on the largest search results. Relevant search results and duplicate check results will be organized in a special file.

 Third eligibility stage : At the qualification stage, manually filter the articles that pass repeated checks by reading the title and abstract repeatedly to see the application/problem/population, intervention, comparability, and results to get the selected articles. At this point, all selected articles will be downloaded as full text. Fourth Inclusion phase: In this phase, selected articles are extracted and analyzed to obtain relevant information from the author, year of publication, country/region, the scope of research, research objectives, simulation / prototype / application, system utilization and research results. [12]

The systematic evaluation of related articles is based on several evaluation criteria for example: Utilization rate, research objectives, research type, and results. Data analysis was carried out by subject and arranged according to subject analysis. Written in a narrative. The search results for articles were expressed using the preferred report items of the instrument system analysis and meta-analysis (PRISMA) and flowcharts based on the PRISMA 2009 checklist, and verification checks were carried out by asking researchers outside of the team to examine the entire study room and record all repeated stages (Fig 1)[13].

The final results of this study indicate that during the 2014-2020 period, 15 research articles were published on the development of a learning environment on student character. There was no study found in 2017 to suggest that such research was recently conducted on an incentive basis. Most of the research came from USA. Of these 15 studies, 3 were from USA. There is also research from Southeast Asian countries Thailand and Indonesia.
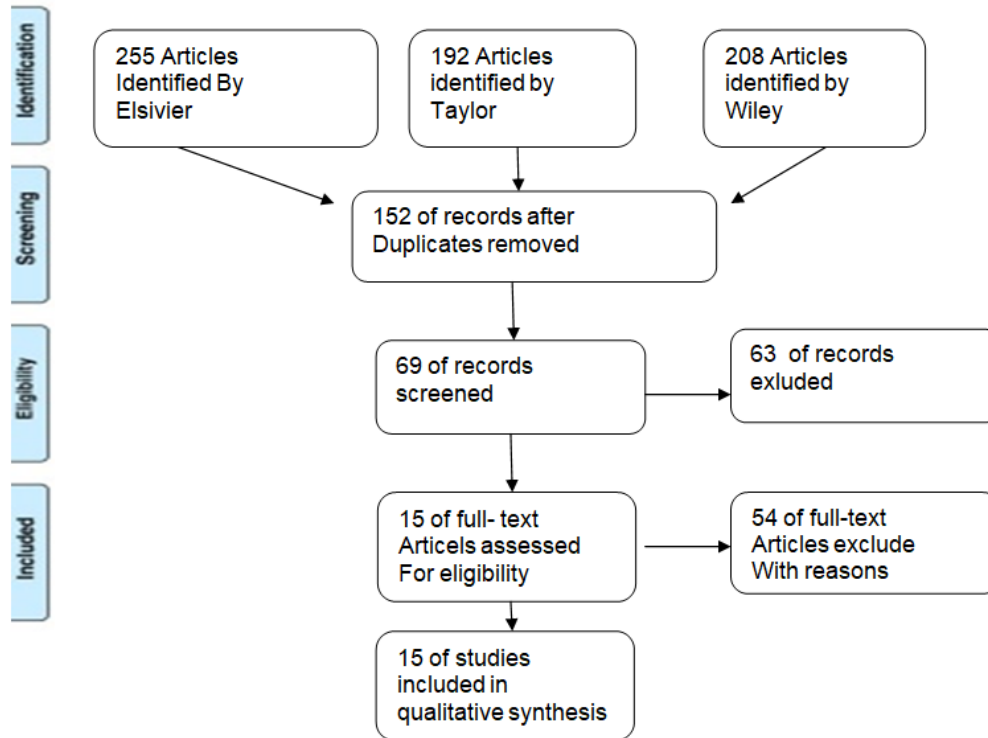
Figure 1. Data collection process

RESULT AND DISCUSSION

Educational institutions which are learning environments are planned forums that are believed to be able to change or shape children's character to be better than before with all their potential. The characters that are expected to be possessed by children as students in educational institutions are as expressed in the training and development book of national character culture education published by the Ministry of Education, there are eighteen characters, namely religious, honest, tolerant, disciplined, hard working, creative, independent, democratic, curiosity, national spirit, love for the homeland, appreciate achievement, friendly, communicative, love peace, love to read, care for the environment, care about social, and responsibility.

The following is the process used to search for articles in online databases: to search for them using the same keywords; using Boolean logic by using the appropriate connection (and, or); The logic used in evaluating this system is the Internet of Things and intelligent systems. The final results of this study indicate that there are 15 publications on student character development research during the 2014-2020 period. No study was found in 2015, This is done in the near future based on incentives. Most of the research came from India. Of these 15 studies, 3 were from USA. Southeast Asian countries also have research from Thailand and Indonesia. Educational research mainly focuses on developing the character of students. (Table 1). This study aims to explore the role of the learning environment in developing student character.

Table 1

Characteristics of articles

First Author	Year	Country	Research purposes	Outcomes
Nelva Rolina	2014	IND	Build children responsible Characters, teacher must Have responsible characters	The project method can also develop The character of students respons Sibility towards early chilhood
Kathleen M. Quinlan	2016		Examines the UK written curriculum through an analysis of the Quality	Present three examples of virtues that underpin

			Assurance Agency.	
Ladda	2018	Thailand	Developing character can be done by generating Teaching patterns	Sufficiency Economy Philosophy consists of 3 steps
Muhammad Yusro	2018	IND	Review systematically and analyze the results of research	Monitor patient health conditions.
Doris Holzberger	2020	Germany	Examine how secondary school characteristics	Science and mathematics engage students potential
Anneke C. Timmer	2019	New Zealand	Investigate the interpersonal character	In some classes the teacher perception role is stronger
Mika Takeuchi	2015	Japan	Temperament and Character Inventory	Good Other-Image in framework
Nobuyuki Mitsui	2015	Japan	Investigate the personality traits	Higher HA scores may predict suicide completion
Soo Jin Lee	2015	Korea	evaluated to assess the relationship between temperament and character	Limited data available for future Study recommendation
María González	2020	Texas	what character development can support students	To foster science classrooms in which students Involvement in making authentic meanings can play a role in developing character
Vincent Tinto	2016	Florida	usefully informed by work outside our immediate field of inquiry	Task of studying the process of student departure
Frank C. Abbott	2016	USA	Review asserts persuasively	Character is defined as "intelligen
Lucy Arellano	2019	USA	Explored the pre-college student characteristics	how to enact transformational change
Henry T. Moore	2016	USA	moral behavior of elementary school children	done mainly by a correlation method
Moon-Heum Cho	2019	Korea	Investigate factors including student characteristics	explained by both student characteristics and learning

Table 1, it shows that Efforts to shape the character of students as learners step by step Self-reflection. Self-reflection can be done by expressing what who saw, thought, done and planned next. Some of these things are part of the effort to shape the character of students. Other actions that need to be taken Shaping student character Students developing Required strategies Support them successfully Fulfill expectations, take advantage of Students' familiarity can be strengthened Relationship between content and interests, Make learning more relevant, and Increase student motivation Participate in scientific activities.[14].

Learning is a process of interaction between teachers and students Take advantage of the potential to survive, and be able to Contribute to countries, states and regions of the world. Learning will become aware of the needs of students The importance of science and learning.

with Students understand that learning is then necessary deep learning Will create new knowledge, Directed use of new knowledge. Deep learning process Shaping the character of students.

Sartain says that the environment includes conditions and nature that in certain ways affect behavior and development[15]. The learning environment becomes three, namely family environment, school environment, and community environment (social students) [16], suggested that the learning environment is divided into two, namely non-social environment and social environment. The social environment consists of the school environment, student social environment (community), and family environment, a nonsocial environment more to supporting learning process environment, such as physical learning building (school building), residence and location (house), learning tools, learning resources, weather conditions, lighting or lighting, and learning time [2, 6, 16, 17]).

The improvement of the quality of the learning environment provides a good change to the character formation of students aimed at getting high student learning outcomes in school. The learning environment is an environment that overshadows the educational process[1, 8]. The student learning environment affects the student's learning outcomes,[18] the good environment will give a change in a student's attitude and behavior in carrying out an activity, including learning activities in the school, students who participate in activities in a quality learning environment will shape the character of the student according to the learning environment.

CONCLUSSION

The last research year was 2020 and 2014 was the earliest year as a result of this research. Geographically, most of the research came from the United States. Use the database to search for articles: the international agenda 6 (six years) Elsivier, Taylor, and Wiley (2014-2020) and English journals, you can Access full text. The results of the final study found that as many as 15 research articles discussed the learning environment in student personality development. The teachers play an important role in the architecture. Good relations with students, able to guide, motivate and provide relevant courses, students. This work aims to shape the character of students Students, know how far students and teachers can learn independently. There must be no coercion Develop curiosity when students are learning Responsible forever Learning.

In order for the results of this research to be more beneficial to the community, the results of this research should be published more in international journals.

An enabling environment is necessary to shape the character of students so that they can have a positive impact on the learning activities of the school. A bad learning environment can affect and affect the character building of students. This can lead to changes in students' negative attitudes and behaviors. In the absence of a good learning environment, it plays a huge role in developing the character of students.

The learning environment directly or indirectly affects the learning process and behavior of students. Providing a learning environment for students should be a top priority as a key factor in successfully developing students' behavioral skills. some students a quality learning environment produces qualified students who are influenced by the associations and interactions that occur in the student's learning environment. Having a positive learning environment, comfort and tranquility, good social conditions provide students with experience and knowledge as well as insight into attitudes and form students' personalities, which determine the quality of students' efforts to achieve high learning outcomes.

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