Patterns And Concepts Of Teacher Strategies In Forming Student Character In The Technological Era (Analysis Study With A Systematic Literature Review Approach)

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Abstract. The aim of this research is to find out how strategic planning, implementation and evaluation of learning shape student character in the technological era in carrying out learning activities. The research method uses a literature review with descriptive analysis, the data collected is secondary data or comes from several journals and research that are relevant to the research study. The results of this research show that teachers’ strategic planning in learning activities to shape students’ character in the digital era is carried out to instill human values that instill good character, morals and behavior in a person which is reflected in their behavior. Implementation of learning strategies in shaping student character in the digital era can also be done through the delivery of learning materials, however, in the process of evaluating teachers’ learning strategies, they need improvement because there are still many teachers who are not yet able to utilize technology as a learning aid. The teacher is one of the most crucial and dominant figures who will have a direct impact
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on the success of students, both in terms of quantity and quality of learning. Strategy is an important part that cannot be separated, so teachers must also determine the right strategy.

**Keywords:** Teachers, Learning Strategies, Character Education

**Abstrak.** Tujuan penelitian ini adalah mengetahui bagaimana perencanaan strategi, implementasi dan evaluasi pembelajaran dalam membentuk karakter siswa di era teknologi dalam melaksanakan kegiatan pembelajaran. Metode penelitian menggunakan literature review dengan analisis deskriptif, data yang dikumpulkan merupakan data sekunder atau yang bersumber dari beberapa jurnal serta penelitian yang relevan dengan kajian penelitian. Hasil penelitian ini menunjukkan bahwa perencanaan strategi guru dalam kegiatan pembelajaran dalam membentuk karakter siswa di era digital dilakukan untuk menanamkan nilai-nilai kemanusiaan yang menanamkan budi pekerti, akhlak dan perilaku yang baik pada seseorang yang tercermin dalam perilakunya. Implementasi strategi pembelajaran dalam membentuk karakter siswa di era digital juga bisa dilakukan melalui penyampaian materi belajar, namun dalam proses evaluasi strategi guru dalam pembelajaran memerlukan perbaikan karena masih banyak guru yang belum mampu memanfaatkan teknologi sebagai alat bantu pembelajaran. Guru menjadi salah satu sosok yang paling krusial dan dominan yang akan memberikan dampak secara langsung kepada keberhasilan peserta didik, baik dari segi kuantitas ataupun kualitas belajar. Strategi menjadi bagian penting yang tidak bisa dipisahkan, maka guru juga harus menentukan strategi yang tepat.

**Kata Kunci:** Guru, Strategi Pembelajaran, Pendidikan Karakter

**INTRODUCTION**

Education is an important component as part of human existence and is a basic human need. Humanity can adapt to the changing world with the help of education. Humans are basically created with their own uniqueness, and everyone will be equipped with the knowledge to deal with all events that occur and how to respond to these events. Apart from that, useful knowledge becomes a tool for solving various problems that occur (Riset Pedagogik et al., 2020). The basics of education are very important for teachers to understand when starting learning activities, especially teachers as administrators who have to prepare lessons. This serves as a guideline to become a reference that is applied to students during the learning process. Even if the material is really good and dancing, but when you haven't found the right strategy and taught it to students, it has the potential to cause various difficulties. This is where the teacher needs to understand practical factors, so that it will become an important process in providing students with material regarding what the teacher has taught them (Syai pudin & Awwalin, 2021).

The teacher has a very important role in the learning process in the classroom. A class can be described as patterns and concepts and their development depends on the teacher when managing the class when teaching. The teacher has the responsibility to change the situation into a more interesting situation and there are no distractions or obstacles in the learning process. With this in mind, it is hoped that the teacher will be enthusiastic and actively involved in the learning process being carried out (Purnasari & Sadewo, 2021). The existence of teachers for a nation is very important, especially in the midst of an increasingly sophisticated era with a variety of technologies that tend to give the nuances of a new life. So in terms of seeking
knowledge the teacher must apply a variety of strategic efforts related to adjustments that are applied in learning activities (Lubis et al., 2021).

The most important aspects of any educational program are the teachers and students. Teachers must have high-quality skills in order to create meaningful and enjoyable learning experiences. It is the teacher who shapes the learning atmosphere, creates an impression, influences, and so on. Apart from that, curriculum implementation is very dependent on creativity, self-expression and teacher ability (Dwiukap & Ernawati, 2021). Learning strategy is a method in a broad sense that selects and determines behavior, approaches, procedures, methods, techniques, and norms or limits of success. Strategies consist of methods and techniques or processes that help students return to the learning goals that have been set. (Utami & Nur, 2021). Each educational strategy includes a teacher who conducts learning assessments to determine the methods, media, technology, and evaluative tools that will be used during the learning process to ensure that learning objectives are met (Nastiti & Abdu, 2020).

A teacher’s duty is to improve the quality of education and provide fun education to students. This idea may represent a new concept, or may be the result of a transformation of some of the previous concepts. In this way, the ongoing learning process will be able to run as efficiently as possible thanks to learning activities that equip students with learning abilities. A teacher must have a strategy in teaching, especially in the subjects being taught. Learning is located at the end of learning, so teachers need strategies to overcome this problem. One of the things a teacher can do is improve the learning component (Lubis et al., 2021).

To maximize learning goals, teachers must work closely with students to ensure that what they learn is as effective as possible. Knowledge insight must be enriched and weak, as well as understanding by using learning strategies that are appropriate to the subject matter presented and of course in accordance with the conditions or circumstances of students. Therefore, student success in learning is a very important role of the teacher. Religious teachers have helped students activate psychological elements within themselves such as memory, interest in learning, attention, observation, emotion, and student personality development by using good learning strategies.

In every educational program, teachers must have a plan or strategy to ensure students learn efficiently and effectively to achieve success. The strategy is to use the teacher’s every day and every effort during the lesson to create a learning environment that allows the learning process to take place and goals are achieved. One method that a teacher might use to develop strategies is to improve the technical aspects of teaching, which are called teaching methods (Fathurahman, 2007).

Among the research that is relevant to this research is one of the studies conducted by Lubis. The results of this research show that educational subjects that have been criticized for being too difficult for students can be transformed into subjects that are both fun and challenging. Therefore, in teaching as teaching materials, a teacher must develop innovative teaching methods that support learning media (Lubis et al., 2021). Research conducted by Angga states that the application of the 21st Century skills-based learning model used in the learning process as an effort
to build student character is of course adjusted to the needs and learning objectives, so that the learning objectives have been set can be achieved optimally. The main goal of national education is to develop teacher character (Angga et al., 2022). Yuangga in his research explained that the findings of this research provide information about media development and strategies that teachers can use to obtain better education and understand how to make education more effective for students. Because good, efficient, and fun strategies will facilitate learning for students and teachers (Yuangga & Sunarsi, 2020).

Based on this background, to facilitate the continuation of the studies carried out, there are rumors about teacher strategies in the digital era as an issue which is an important factor in every education. The formulation of the problem aims to assist researchers in limiting the problems to be studied, so that the objectives and results of the research can be as expected. Based on the background mentioned above, the author considers solving the problem of teacher teaching strategies in the context of improving student character.

RESEARCH METHODS

This study uses a literature review approach, with a type of literature research with descriptive analysis. Literature review is a systematic, explicit and reproducible method for identifying, evaluating and synthesizing research works and ideas that have been produced by researchers and practitioners. Literature reviews aim to make analysis and synthesis of existing knowledge already exists regarding the topic being researched to find free space for the research carried out.

Data collection techniques use secondary data in the form of journals, theses, or the results of other relevant scientific work. Data analysis was performed using the theory of Miles and Hubberman. There are three stages that can be carried out in analyzing qualitative research data, namely as follows data reduction, data presentation and drawing conclusions and data verification (Sugiyono, 2018). The next step in the qualitative data analysis process is to draw conclusions based on the findings and verify the data. The research results are then described using the concept of qualitative descriptive analysis.

RESULTS AND DISCUSSION

Strategy Teacher Learning in Shaping Student Character in the Technological Era

Learning planning is carried out as a guide or direction for teachers, as well as being a basic reference for teachers and students in learning. According to this teacher’s view, learning planning includes all aspects of activities used for learning. Planning strategies can be implemented by teachers in the classroom. This learning strategy is used to relieve students’ learning stress, especially in the classroom. This learning strategy is very important, especially if there are students who are enthusiastic about learning but lack time. Therefore, a teacher must implement effective and efficient implementation strategies so that students remain involved and active when learning. A course of study designed to teach students about a wide range of learning topics.
As a teacher, you should use appropriate, effective and efficient strategies so that the learning process can run smoothly. Apart from that, teachers must also be aware because teachers have become role models for their students (Sulastri & Djumali, 2019). Teachers must master the material and pay close attention to their students in the learning process in delivering the material. Diligence and innovation in delivering material to students means that students do not easily get bored with the material presented by the teacher. Subjects are subjects that tell about events that occurred in the past, according to students’ views in the digital era. Learning strategy refers to the use of methods and the effectiveness of these methods. The teacher’s strategy in the digital era in shaping student character is to instill human values that have character, morals, character, character, and behavior of a person which is reflected in the goodness and behavior that is in him (Syaipudin, 2023).

Learning strategies include as well as adjusting to all types of learning that teachers use to help students learn or gain a good understanding of the subject matter. Strategic planning in forming the character of students who have character, morals, manners, and personal behavior that is reflected in goodness must meet the objectives of learning with character (Noviardila, 2020). Planning is carried out so that the learning process can be completed successfully. Therefore, one of the most important aspects of learning in the digital age is ensuring that learning in the classroom is consistent with student goals and objectives. This planning is carried out through efforts to overcome students’ difficulties in dealing with subjects, preparation of learning tools is carried out so that these difficulties are overcome such as lesson plans, media, strategies, and other learning resources.

Learning planning is carried out as a guide or direction for teachers, as well as proving teachers and students in learning. According to teachers, the importance of education includes all aspects of activities used for teaching. Planning strategies can be implemented by teachers in the classroom (Purnasari & Sadewo, 2021). This learning strategy is used to relieve students' learning stress, especially in the classroom. This learning strategy is very important, especially if there are students who are enthusiastic about learning but lack time. Therefore, a teacher must be able to implement effective and efficient teaching strategies so that students remain involved and active when learning (Amirudin et al., 2021).

According to Surur, a learning strategy is an action in which there are a series of activities in the learning process that use methods and utilize various sources or strengths in learning so that learning objectives can be achieved effectively and efficiently (Wulandari et al. Meanwhile, Budimasya also defines marketing strategy as a series of activities related to student management, learning environment management, learning resource management and assessment to achieve learning objectives.

As a teacher, you should use appropriate, effective and efficient strategies so that the learning process can run smoothly. Apart from that, teachers must also be aware because teachers have become role models for their students. The teacher has mastered the material and pays close attention to his students in the learning process in delivering the material. Funny distractions and persistence in conveying material
to students make students not easily bored with the material presented by the teacher (Angga et al., 2022).

Learning strategy refers to the use of methods and the effectiveness of these methods. The teacher's strategy in the digital era in shaping student character is to instill human values that have morals, manners, and one's behavior which is reflected in the goodness and behavior that is in him. Character education is all activities carried out by a teacher that have the potential to improve student character. Teachers help students develop their character. This increases the complexity of how a teacher teaches, how a teacher teaches, how a teacher teaches, how a teacher teaches, and how a teacher teaches.

**Teacher Learning in Shaping Student Character in the Technological Era**

Implementation is a critical component of the ongoing process. The effectiveness of a particular task can be determined by its implementation, attracts students' interest, and is boring because students can study comfortably without a teacher. Implementation shortens the learning curve for certain subjects. Learning in the digital era will be successful if both students and teachers have access to resources. As a facilitator, the teacher must be able to make learning more interesting. The key to successful character education in the digital era is integrating and enhancing character education through education. Implementation of learning as a subject that can be used as an action to guide and direct students to become human beings who start.

Implementation is a critical component of the ongoing process. The effectiveness of a particular task can be determined by its implementation (Biringan, 2021). Planning learning strategies that are energetic and appropriate to the material being studied accompanied by supporting media and methods, the implementation obtained will influence the learning process in the classroom, because the learning impression is very good. not stressful, interesting for students, and boring because students can study comfortably without a teacher (Angga et al., 2022). Proper implementation will provide benefits to learning activities for certain subjects. Learning in the digital era will be successful if both students and teachers have access to resources. As a facilitator, the teacher must be able to make learning more interesting. The key to successful character education in the digital era is integrating and enhancing character education through education. Providing education as a learning method that can be used to develop students and help them become successful adults.

If character education can be carried out systematically and in an organized manner, then the moral crisis that is currently engulfing this country can be prevented, and future generations will be able to replace those with low or low IQ. The characters are similar to those mentioned by the Indonesians. The purpose of using learning strategies is to achieve the desired learning outcomes (Munajim et al., 2020). According to Djamarah, a learning strategy is a series of activities that can provide assistance or motivation to students in achieving their learning goals. A learning strategy is a series of steps taken to improve learning methods in a particular learning environment. More specifically, they state that effective educational
strategies increase the size of classrooms and outline educational activities that can provide learning opportunities to students (Hasibuan & Rahmawati, 2022).

Therefore, one of the strategies carried out by teachers so that their students have character in the digital era is to invite them to name their characters, which is done using morals, manners, morals, manners, behavior so that one has character.

According to Al Barry, character education is an important component that must be implemented if a society wants to live and work together in harmony. Values that should be prioritized in character education, such as wisdom, respect for others, personal responsibility, feelings of destiny, suffering, peaceful conflict resolution (Suwandayani, 2018). If character education can be implemented systematically and in an organized manner, then the moral crisis currently engulfing this country can be prevented, and future generations will be able to replace those with low or low IQ. The strategy for students to have character in the digital era is to instill character which is defined as morals, manners, morals, manners, one's behavior so that one's character is reflected in goodness.

Learning strategy development is carried out through the acquisition of learning materials. This is an example of the learning implementation process. To maximize students' understanding of the material being taught, the teacher can use teaching strategies that are relevant to the material or use the media as a teaching aid. Based on these findings, a teacher education strategy to develop student character in the digital era is implemented through the provision of educational materials. Learning will be successful if it has support from both students and teachers. As a facilitator, the teacher must be able to make learning more interesting.

**Teacher Learning in Shaping Student Character in the Technological Era**

Evaluating learning is an important part of the learning process. Learning evaluation is often used to measure the level of achievement of student competence and is used as material for preparing reports on learning outcomes and improving the learning process. The purpose of educational evaluation in the digital era is to clarify material so that character development in students can continue until all students have completed.

Evaluation is used to determine the success and achievement of a student's educational goals. Therefore, a teacher or teachers must evaluate the academic achievement of their students. The evaluation instrument must also be appropriate to the student's personal characteristics, so one of the teacher's responsibilities is to carry out an evaluation after the learning process is complete (Tanjung et al., 2021). Program evaluation is a systematic and ongoing process of collecting, writing, analyzing, and disseminating information about a particular program (Angga et al., 2022). As a result, evaluations carried out in order for teachers to improve the character of their students in the digital era will be hampered by the learning environment and teachers as the main indicators.

Learning evaluation is an important part of the learning process. Evaluation of learning is carried out to measure the level of achievement of student competence and is used as material for preparing reports on learning outcomes and improving learning. The purpose of learning evaluation in the Digital Age is to refine the material
so that in carrying out learning strategies in improving the character of students it can continue to be carried out to touch all students.

Learning strategies are all components of learning materials and learning procedures or stages used by teachers in order to help students achieve these learning objectives. Learning strategies are not only limited to learning procedures or stages, but also include arrangements, materials or program packages that will be delivered to students (Rosmaladewi et al., 2020). The learning strategy is to choose various types of exercises that are in accordance with the learning objectives to be achieved, he emphasized that what is expected to be achieved by students in their learning activities must be practiced. The learning strategy is an approach to managing activities, by integrating a series of activities, how to organize subject matter and students, equipment and materials and time used in the learning process to achieve predetermined learning objectives, effectively and efficiently (Nastiti & Abdu, 2020).

After implementing a learning strategy, an evaluation must be carried out to determine the success and achievement of learning objectives. A teacher or teacher must then carry out a learning evaluation to ensure the achievement of learning objectives. According to (Adzkiya & Suryaman, 2021), one of the most important things a teacher can do after the learning process is complete is to conduct a post-learning evaluation. Program evaluation is to collect, describe, interpret, and present information about a program to be used as a basis for decision making. As a result, evaluations carried out in the context of teachers improving the character of their students in the digital era will be hampered by the learning environment and teachers as indicators of their success.

The teacher is the most important component in determining the process and quality of education. When a teacher has a strong interest in educational progress, especially in the formalization of education, the teacher must also consider student performance in the learning process (Alsyouf & Kayed, 2021). Evaluation of effective and efficient learning is carried out continuously and thoroughly so that teachers can obtain a complete picture of the achievements and progress of the learning process as well as the results achieved by students towards cultivating student character through learning. The evaluation carried out emphasized that the evaluation remained continuous, referring to the objectives but also comprehensively covering cognitive, affective and psychomotor aspects (Veri, 2020). This is done so that evaluations carried out during learning and character development in the digital era can be carried out.

Just as students have different levels of understanding, teachers also have different levels of accuracy in their teaching. Based on the evaluation results, there is one component that needs to be improved, namely the use of learning strategies. Teachers still use traditional methods and have not utilized information technology and computers. This is because not all teachers use ICT-based multimedia, causing the methods used in the learning process to be less creative and less innovative (Nurgiansah et al., 2021).

Evaluation is very important so that a good class is not only determined by the teacher's ability to teach, but also by the teacher's ability to improve the teaching process and the quality of the material used in class. through evaluating employees
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who contribute to the organization’s long-term goals, or by carrying out tasks related to it, in other words, there is not a single effort to improve the quality of the teaching and learning process that can be carried out properly without an evaluation step (Danil, 2018).

Based on these findings, evaluating a teacher’s teaching strategy in order to improve student character in the digital era is very necessary considering that there are still many teachers who are not yet able to utilize technology as a teaching tool and are forced to rely on traditional methods. This method will make employees happy. As a result, the character’s background has not been revealed. This planning is carried out through efforts to overcome students’ difficulties in facing subjects, preparation of learning tools is carried out so that these difficulties are overcome, such as lesson plans, media, strategies and other learning resources. Therefore, one of the goals of the education strategy is to ensure that learning continues to progress in the digital era.

CONCLUSION

Planning teacher learning strategies in shaping student character in the digital era is carried out to instill noble human values, manners, morals, manners, and one’s behavior which is reflected in kindness through preparing learning tools. Thus, concerns such as developing lesson plans, media, strategies, and other learning resources can be addressed so that learning remains enjoyable. The application of learning teacher strategies to improve student character in the digital era is carried out through the provision of learning materials. Learning will be successful if it has the support of both students and teachers. As a facilitator, the teacher must be able to make learning more interesting. The strategy for evaluating teacher learning in shaping student character in the Digital Age still needs improvement because there are still many teachers who have not used technology as a learning aid, so using the lecture method will make students bored. So that the planting of characters has not been conveyed in its entirety.

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