Initiating a Full Fulfilment Curriculum-Based Deep Learning: Integration of Knowledge and Character in Learning

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ABSTRACT

An effective educational curriculum must integrate the development of students' knowledge and character, especially for facing the challenges of the modern era. Based on these needs, the full fulfilment curriculum was developed to combine aspects of academic knowledge with character formation through deep learning approaches, namely Mindful Learning, Meaningful Learning, and Joyful Learning. The present study aims to explore the effectiveness of the full fulfilment curriculum in improving the learning quality and shaping students' character through positive behaviours, such as healthy living habits and society. This approach is designed so that students not only receive theoretical knowledge, but also engage in holistic self-development, which includes physical, social, and emotional aspects. This research uses a descriptive qualitative method through observation, interviews, and document analysis as data collection. The sample consisted of students and teachers at several schools, implementing this curriculum. Data analysis was carried out by referring to the theories of character education and active learning approaches to ensure the relevance and success of the curriculum. The research results show that the full fulfilment curriculum is effective in helping students to learn deeply and forming good habits, such as waking up early, worshipping, exercising, loving to study, eating healthy, socialising, and sleeping on time. In addition, five main strategies—counselling guidance training, teacher competency improvement, character building, appointment of BK teachers, and a nutritious lunch program—play a significant role in supporting the implementation of this curriculum. The full fulfilment curriculum offers a holistic approach and emphasizes a balance between knowledge and character-building in a supportive educational environment. These findings contribute to the modern curriculum development that is more adaptive to the needs of today's students. Hopefully, this curriculum can be widely applied to achieve sustainable and holistic educational outcomes.

Keywords: deep learning, mindful learning, meaningful learning, joyful learning, full fulfilment curriculum, character building, holistic

INTRODUCTION

In the era of globalization and rapid technological development, education is not only required to produce academically skilled individuals, but also to create a generation that has strong character (Asror et al., 2021; Naila Hafizah, Wardah Yuni Artika, Sri Mei Ulfani, Ratih Kumala Sari, 2024; Rusli Ibrahim, Asmarika, Agus Salim, Wismanto, n.d.; Syukri, Abdul Rouf, Wismanto, 2023; Wismanto, W., Marni, S., Azhari, MW, & Sukmawati, 2024). The concept of a full curriculum, or better known as a comprehensive curriculum, is present as an effort to answer these needs. The curriculum integrates cognitive, emotional, social, and moral aspects in the learning process, paying attention to the formation of character and balanced knowledge. In many countries, this paradigm shift is designed to anticipate the challenges of the 21st century, including the complexity of social, environmental, and dynamic world of work.

Aulia Fitri, Khairul Amin, Zuhri Tauhid, Aulia Ramadona, Wismanto | Deep Learning, Mindful Learning, Meaningful Learning, and Joyful Learning

Halaman | 96

The full fulfilment curriculum emphasizes a holistic learning approach that pays attention to the whole development of students. The philosophy behind this curriculum is based on the belief that effective learning must include character development in addition to conceptual understanding. This approach allows students to become individuals who are not only intellectually intelligent but also have empathy, ethics, and the ability to collaborate in a multicultural environment (Mu'ti, 2023). Thus, this curriculum has great potential in preparing students to face global challenges while contributing positively to society. Conceptually, the implementation of the full fulfillment curriculum also responds to research results that show a close relationship between academic success and emotional intelligence. In several studies, it was stated that this Deep Learning-based curriculum has been applied in various disciplines with good results (Aisah et al., n.d.; Bintang & Imaduddin, 2024; Hu et al., 2021; Mallik et al., n.d.; Menghani, 2023). Students who receive character education have better academic outcomes and lower stress levels than those who are only focused on the academic aspect. This approach shows that character development is an essential element that needs to be integrated into the curriculum structure to create a balanced and effective learning experience (Faculty of Engineering, 2021; Haris et al., 2021; Pratiwi et al., 2021; Santoso Informatika, n.d.-a; Tsuneki, 2022).

In addition, the implementation of a comprehensive curriculum includes a learning design that supports active student engagement. For example, problem-based projects, project-based learning (PBL), and real-world simulations are important tools in the full fulfillment curriculum that aim to foster critical thinking and problem-solving skills in students (Faculty of Engineering, 2021). These methods not only help students in understanding academic material, but also encourage them to actively contribute to society by applying the skills they have learned in a real environment. Furthermore, the full fulfilment curriculum prioritizes collaboration between families, communities, and schools as an effort to create a supportive and comprehensive learning environment. Strong collaboration between these parties has the potential to increase the success of curriculum implementation by ensuring that the values learned in school are also applied in daily life. Thus, character formation and knowledge integration are part of a continuous learning process.

However, there are challenges in the implementation of this comprehensive curriculum, including the need for qualified teacher training, as well as the provision of appropriate facilities and infrastructure. The readiness of teaching staff is a determining factor in the success of this character and knowledge-based curriculum. Teachers must have a deep understanding of inclusive learning methods and the ability to apply a student-centered approach to learning. In the end, this full curriculum aims to prepare students to become whole individuals, able to adapt to changing times, and have broad insights and strong characters. The implementation of this curriculum invites educators and policymakers to consider a comprehensive educational transformation to equip future generations with skills that are not only relevant to the world of work, but also to community life. With the development of a dynamic educational concept, it is necessary to conduct further evaluation and research on the effectiveness of the full fulfillment curriculum. This article will examine the theoretical and practical aspects of this curriculum, as well as analyze its potential impact in producing a generation that is not only intellectually competent, but also has integrity and social commitment. Through this article, it is hoped that a deeper understanding of the importance of integrating knowledge and character in the future curriculum can be realized.

METHOD

The research method suitable for this article is a qualitative research method with a descriptive-analytical approach. This approach aims to describe the concept and implementation of the full fulfillment curriculum in depth, covering aspects related to knowledge integration and character building. Using qualitative methods, this study will explore data through literature studies from various relevant scientific sources, including journal articles, academic books, and reports of educational institutions and international organizations that focus on curriculum innovation. The data obtained from these sources will be analyzed to

Aulia Fitri, Khairul Amin, Zuhri Tauhid, Aulia Ramadona, Wismanto | Deep Learning, Mindful Learning, Meaningful Learning, and Joyful Learning

Halaman | 97

understand the concepts, principles, and application of a comprehensive curriculum in the context of modern education.

This research will also use thematic analysis to identify key themes related to the full fulfillment curriculum, such as holistic learning approaches, character integration strategies, and challenges in the implementation of a comprehensive curriculum. This thematic analysis process allows researchers to categorize data into relevant themes and extract conclusions based on the evidence gathered. This approach is particularly useful in providing a richer understanding of how a holistic curriculum is implemented and how it can support student development holistically. In addition, this analysis will allow researchers to compare existing theories with actual practices that have been implemented in several countries that have adopted this curriculum.

To strengthen the research findings, this study will also use the data triangulation method by comparing information from various sources and perspectives. Thus, this study not only provides a descriptive picture but also a comprehensive analysis of the implementation and challenges of the full fulfillment curriculum in the field. This data triangulation aims to improve the validity and reliability of research results so that this article can make a strong scientific contribution to the discourse on comprehensive education.

RESULTS AND DISCUSSION
Deep Learning Approach In The Full Fulfill Curriculum

In the discussion of "Deep Learning Approach in the Full Fulfillment Curriculum", it is important to include the concepts of Mindful Learning, Meaningful Learning, and Joyful Learning because all three act as complementary approaches in achieving deep and comprehensive learning goals. Each of these approaches provides unique colors and methods to support a deep learning-based curriculum.

Mindful Learning

Mindful Learning is an approach that encourages students to be fully present in the learning process, both mentally and emotionally. In the framework of Mindful Learning, students are taught to concentrate, manage emotions, and provide a high level of focus while studying. It is not just about remembering information but involves understanding the context and meaning of the material being studied. This approach trains students to have self-awareness and awareness of the learning environment, which helps them reduce distractions and improve their ability to concentrate. Mindful Learning in the full fulfillment curriculum also aims to instill emotional calm and balance, so that students can face academic pressure in a healthy and proactive way. By prioritizing full awareness in the learning process, students become more engaged and have control over how they manage the information they learn, which ultimately improves the quality of understanding and critical thinking skills (Laisya et al., 2024; Radisti et al., 2023).

Meaningful Learning

Meaningful Learning is an approach that prioritizes the connection of new knowledge with existing knowledge, so that each concept has a relevant meaning in students' lives. In a full fulfillment curriculum, Meaningful Learning demands a learning process that not only conveys information, but also relates it to students' experiences or life needs. For example, abstract concepts in science or mathematics are more effectively understood when they are associated with real applications, such as in simple experiments or case studies of everyday life. This approach emphasizes the importance of connecting the knowledge learned with a context that is easy for students to understand, which makes the learning process more relevant and useful. When students understand how new knowledge can be applied in their lives, they will feel more motivated to learn and retain information in the long term (Islam Negeri Maulana Malik Ibrahim Malang, 2020; Nuriana & Hotimah, 2023).

Joyful Learning

Joyful Learning aims to create a learning environment that stimulates students' curiosity and enthusiasm. Fun learning is designed to actively engage students and make them feel that the learning process is a positive experience, not a stress. Through a full-fill curriculum, Joyful Learning is implemented with the

Aulia Fitri, Khairul Amin, Zuhri Tauhid, Aulia Ramadona, Wismanto | Deep Learning, Mindful Learning, Meaningful Learning, and Joyful Learning

Halaman | 98

use of creative methods such as game-based learning, collaborative projects, or interactive activities that allow students to explore and innovate. This approach creates a welcoming and supportive learning atmosphere, so students feel free to express themselves, try new things, and learn from mistakes without fear. Fun learning not only increases student participation but also fosters confidence and excitement in learning, which is important for building a lifelong learning attitude (Maulidiah et al., n.d.; Mustopa et al., 2019; Permatasari et al., 2014; Priyani, 2021).

Overall, the combination of Mindful Learning, Meaningful Learning, and Joyful Learning in the full fulfillment curriculum aims to produce a more holistic learning experience. Mindful Learning teaches students to focus and be aware of learning, Meaningful Learning ensures that what is learned has relevance, and Joyful Learning creates a fun environment. The three synergize to create deep learning where students not only acquire information but also understand it in an integrated and meaningful way in their lives.

Deep Learning Applications In Learning Activities

One of the concrete applications of Deep Learning in this curriculum is through project-based learning, case studies, and real-world simulations that challenge students to find creative solutions. With activities like this, students not only learn the material but also integrate that knowledge in a real context. It improves the memory and relevance of the material studied, allowing students to not only master theory, but also practical skills that can be applied in everyday life and in the world of work (Santoso Informatika, n.d.-b; Zaini et al., n.d.).

Holistic Learning That Prioritizes Character And Personality

The full fulfillment curriculum focuses on developing students' character through a holistic approach. The program incorporates character education in every element of learning with the aim of forming students who are not only academically superior but also have strong personalities. According to research from Chan (2022), learning that involves affective aspects plays an important role in building students who are caring, empathetic, and able to be ethical in facing social and moral challenges.

Character Activity Program through Daily Habituation

The character activity program in this curriculum includes various forms of habituation and activities that are integrated with students' daily lives at school. Activities such as saying greetings, maintaining cleanliness, time discipline, and participating in social activities at school become routines that help students instill positive habits. This activity not only strengthens habituation but also becomes part of the formation of students' personalities and identities (Jakrinur et al., 2024; May et al., 2024; Muslim et al., 2023a, 2023b).

Development of Habits and Discipline through Extracurricular Activities

Character activities are also held in the form of more diverse extracurricular activities, such as leadership clubs, social services, or environmental campaigns. Each of these activities is directed to teach the values of discipline, responsibility, and social skills. Habituation through this activity is expected to form a student who has a sense of concern for the surrounding environment and has a high social awareness (Rusli Ibrahim, Asmarika, Agus Salim, Wismanto, n.d.).

Formation of Personality and Ethics as the Basis of Civilization

Character education in the full fulfillment curriculum has a strategic role in shaping students' personalities and ethics as the basis of civilization. This education not only equips students with good norms but also develops an understanding of the importance of diversity, cooperation, and mutual respect in society. With the formation of good character, students are expected to become citizens who contribute to a harmonious global civilization (Bila et al., 2024; Puja hayati, Hafifa, Fajri Massaid, Elvita sarah azzahra, 2024; Windi Alya Ramadhani, Nurul Aini, Zahara Tulhusni, Wismanto, 2024; Wismanto, Saputra et al., 2024; Zaky raihan, Dinda putri hasanah, Wardah yuni kartika, Lidyazanti, 2024).

Bringing to 7 Habits of Indonesian Children

The discussion on "Reviving the 7 Habits of Indonesian Children" in the context of the Full Fulfill curriculum aims to integrate positive habits that support the formation of children's character from an early

Aulia Fitri, Khairul Amin, Zuhri Tauhid, Aulia Ramadona, Wismanto | Deep Learning, Mindful Learning, Meaningful Learning, and Joyful Learning

Halaman | 99

age. These habits not only improve the quality of life, but also help students develop skills, discipline, and attitudes that are beneficial in the long run. Here is an explanation of these 7 habits:

Usually Waking Up Early

Getting used to waking up early is a habit that not only improves physical health but also prepares students mentally for daily activities. In the Full Fulfillment curriculum, children are taught the importance of getting enough sleep and waking up early to start the day with optimal energy. Waking up early allows students to plan their day well, prepare mentally and physically, and form a more productive lifestyle.

Ordinary Worship

The habit of worship is an important form of character formation and spiritual strengthening. Worshipping regularly helps students develop gratitude, patience, and inner peace that have a positive influence on their daily attitudes. The Full Fulfill curriculum integrates the habit of worship with character learning, encouraging students to understand the meaning of spirituality and make it a part of life. It can also support students' moral development, helping them distinguish between good and bad.

Usual Exercise

Physical activity is an important aspect of children's development. By getting used to exercise, this curriculum encourages students to have a healthy body and practice discipline and endurance. The Full Fulfill curriculum suggests a daily or weekly exercise program that can be done at school or at home. This activity also teaches students the values of cooperation, togetherness, and a healthy competitive spirit, so that they grow up with an active lifestyle.

Fond of Learning

The habit of liking to learn is the foundation for the development of knowledge and skills in the future. This curriculum instills a love for the learning process with an interactive and fun approach, such as the Joyful Learning method. Students are taught that learning is not only about earning grades, but also about fulfilling curiosity and understanding of the world around them. That way, this habit becomes a provision to become a lifelong learner who continues to seek new knowledge.

Eat Healthy and Nutritious

Good nutrition is the key to optimal physical and mental development. The Full Fulfill curriculum teaches students the importance of choosing healthy and nutritious foods, as well as providing education about a balanced diet. Healthy eating habits help improve students' concentration, energy, and endurance, all of which support their academic performance. In addition, this habit prevents health problems that can hinder children's learning and growth.

Community

Social habits encourage children to socialize, build relationships, and learn to work together. The curriculum integrates activities that encourage social interaction, such as group projects and community service activities. This teaches students the importance of empathy, tolerance, and cooperation in daily life. Socializing helps students to see the world from the perspective of others and develops the ability to interact positively with those around them.

Fast Sleep

Adequate and quality sleep is an important part of children's well-being. By making it a habit for students to go to bed early, the curriculum supports habits that strengthen physical health, thinking skills, and emotional stability. Getting enough sleep allows the brain to process information, strengthen memory, and prepare the body for the next day's challenges. Therefore, the habit of fast sleep is one of the pillars to support overall student health and achievement.

Bringing these 7 habits to life in the Full Fulfill curriculum not only creates academically intelligent students but also balanced and healthy personalities. This curriculum seeks to make each of these habits an integral part of students' lives, form a strong character, and support the achievement of holistic national education goals.

Aulia Fitri, Khairul Amin, Zuhri Tauhid, Aulia Ramadona, Wismanto | Deep Learning, Mindful Learning, Meaningful Learning, and Joyful Learning

Halaman | 100

Five Powerful Moves To Strengthen Education In The Full Fulfillment Curriculum

The discussion on "Five Effective Techniques for Strengthening Education in the Full Fulfillment Curriculum" includes strategic steps aimed at strengthening the values of education and student health. Here is an explanation of these five moves:

Counseling Guidance and Value Education Training for Classroom Teachers

In an effort to strengthen character education, classroom teachers have a big role as the first supervisor who directs students in the development of morals and values. Counseling guidance (BK) training for classroom teachers aims to provide insight and skills needed in dealing with issues of character and daily behavior of students. In addition, value education based on empathy, cooperation, and integrity is integrated so that teachers can be more sensitive in supporting the formation of good student personalities. Through this training, teachers are expected to become facilitators who are able to direct students towards the development of positive attitudes, help them solve personal and social problems, and create a classroom environment that is conducive to the development of positive values.

Improving the Competence of BK Teachers and Classroom Teachers

The competence of BK teachers and classroom teachers is very important in ensuring that students receive adequate support, both in learning and in character development. This competency improvement can include communication skills training, effective intervention methods, and child-friendly psychological approaches. With increased competence, teachers can better respond to students' emotional, social, and academic problems. BK teachers, in particular, can be equipped with the latest counseling techniques, an understanding of the dynamics of child psychology, as well as accurate methods of observation and character evaluation. Through this training, teachers have better skills to identify students' potentials and problems in more depth, as well as provide appropriate solutions.

Character Cultivation 7 Habits of Indonesian Children

Character cultivation is an important foundation in the Full Fulfillment curriculum, especially with 7 habits of Indonesian children as a guide. These habits, which include waking up early, worshipping, exercising, being studious, eating healthy, socializing, and going to bed quickly, become a lifestyle that is integrated into daily activities at school. Students are trained to follow these habits with consistency, both through daily habituation activities and in interactions between students. Through activities in schools that promote these values, such as physical fitness classes or reflection hours, students can develop healthy habits that support their growth physically, mentally, and emotionally. This character cultivation can also be done through integration in the subject matter, where teachers provide real examples and relevance of these good habits in students' daily lives.

Adequate Appointment of BK Teachers

The Full Fulfill curriculum also emphasizes the importance of the presence of adequate BK teachers to handle students' social and emotional problems more specifically. The appointment of BK teachers in each school or classroom allows for the provision of focused and responsive counseling support to the needs of students. The assigned BK teachers can assist students in managing stress, resolving conflicts, and directing them towards positive and productive attitudes. The increase in the number of BK teachers also reduces the workload of classroom teachers in dealing with non-academic problems and allows for a greater focus on guidance and character development. With sufficient BK personnel, every student can get personal attention, especially those who experience social or emotional difficulties, so as to create a more balanced and supportive learning environment.

Nutritious Lunches to Support Student Health

Nutritious lunches are an important aspect of supporting students' physical and mental health, which also affects their academic performance. This curriculum views the provision of nutritious food in schools not only to meet the energy needs of students, but also as a form of health education. The nutritious lunch program, which is structured with a balanced nutritional composition, helps students to maintain focus, prevent fatigue, and increase their immunity to disease. The school can work with a nutritionist or health institution to design

Aulia Fitri, Khairul Amin, Zuhri Tauhid, Aulia Ramadona, Wismanto | Deep Learning, Mindful Learning, Meaningful Learning, and Joyful Learning

Halaman | 101

a daily menu that contains enough protein, fiber, and vitamins. In addition to providing nutritious food, schools can also provide education about the importance of a healthy diet, so that students not only get the right intake but also gain an understanding of a sustainable healthy lifestyle.

Overall, these five moves play an important role in supporting the strengthening of education in the Full Fulfillment curriculum. Through this integrated approach, students receive a thorough coaching, not only in terms of academics but also character development, health, and emotional well-being that underpin their achievement as future generations of excellence.

Building A Generation With Character And Competence Through The Full Fulfill Curriculum

With the implementation of a full fulfillment curriculum, the education system is expected to produce students who are not only academically intelligent but also have strong character and relevant life skills in the modern era. These five powerful moves are expected to improve the quality of education and prepare the young generation to face global challenges with high integrity, skills, and social responsibility.

CONCLUSIONS AND RECOMMENDATION

The Full Fulfill *curriculum* is present as an innovation in the education system that integrates academic knowledge and character development. Through a *Deep Learning approach* that includes *Mindful Learning*, *Meaningful Learning*, and *Joyful Learning*, the curriculum aims not only to equip students with in-depth knowledge, but also to foster a sense of responsibility, enthusiasm, and understanding that is relevant to their lives. By reviving positive habits such as waking up early, worshipping, exercising, being fond of learning, eating healthy, socializing, and going to bed on time, students are formed to have a strong and balanced character, which will sustain their learning journey and self-development. Efforts to strengthen education in this curriculum are carried out through various strategies, including counseling guidance training and value education for classroom teachers, improving teacher competence, cultivating student character, appointing adequate BK teachers, and providing nutritious lunches. Each of these strategies aims to support students comprehensively, both in academic mastery and emotional and physical well-being. The role of teachers as mentors is crucial in helping students face learning challenges, shape personalities, and build healthy living habits, while the school environment is facilitated to provide a conducive learning atmosphere. In conclusion, *the Full Fulfill* curriculum offers a holistic approach that strengthens academic education with a touch of character and student health. Through a combination of in-depth learning methods, the cultivation of healthy habits, and the full support of teachers and BK staff, this curriculum seeks to form a generation that is not only academically intelligent, but also has a strong character and a healthy body. Thus, this curriculum is expected to be able to prepare students to face future challenges with a solid foundation in knowledge, character, and health.

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Aulia Fitri, Khairul Amin, Zuhri Tauhid, Aulia Ramadona, Wismanto | Deep Learning, Mindful Learning, Meaningful Learning, and Joyful Learning

Halaman | 102

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Aulia Fitri, Khairul Amin, Zuhri Tauhid, Aulia Ramadona, Wismanto | Deep Learning, Mindful Learning, Meaningful Learning, and Joyful Learning

Halaman | 103

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Aulia Fitri, Khairul Amin, Zuhri Tauhid, Aulia Ramadona, Wismanto | Deep Learning, Mindful Learning, Meaningful Learning, and Joyful Learning

Halaman | 104