



Educational Revolution in Era 5.0 Towards Improving Education Quality

Khoirun Nisak¹ Yeni Elviza Febrianti² Mulkan Darajat³ Leli Hasanah Lubis⁴ Bestari Endayana⁵

¹ STAI Tapanuli Padangsidempuan, Indonesia)

² STIT Hasyim Asy'ari Padangsidempuan, Indonesia)

³FAI UNIVA Labuhanbatu, Indonesia)

⁴ STIT AL bukhary Labuhanbatu, Indonesia)

⁵ STIT Hasyim Asy'ari Padangsidempuan, Indonesia)

* Corresponding Author. E-mail: khoirunnisanasty1@gmail.com

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Abstrak

Penelitian ini bertujuan untuk mengetahui konsep Revolusi Pendidikan di Era 5.0 Menuju Peningkatkan Kualitas Pendidikan. Metode penelitan ini adalah Library Research. Hasil penelitian ini yaitu Revolusi pendidikan di Era 5.0 menawarkan peluang besar untuk meningkatkan kualitas pendidikan secara menyeluruh. Dengan pemanfaatan teknologi yang tepat, perubahan paradigma pembelajaran, dan langkah-langkah konkret untuk meningkatkan aksesibilitas dan inklusi, kita dapat menciptakan sistem pendidikan yang lebih adaptif, inklusif, dan relevan dengan kebutuhan masa depan. Untuk mencapai hal ini, diperlukan komitmen dan kerjasama dari berbagai pihak, termasuk pemerintah, sekolah, industri, dan masyarakat. Hanya dengan bekerja sama, kita dapat menciptakan masa depan pendidikan yang lebih cerah bagi generasi mendatang. Sebagai individu, kita juga memiliki peran penting dalam mendukung perubahan ini, baik sebagai guru, siswa, orang tua, atau anggota masyarakat. Dengan bersama-sama berkomitmen untuk menciptakan perubahan positif dalam pendidikan, kita dapat membawa bangsa ini menuju masa depan yang lebih cerah dan berdaya saing.

Kata Kunci: *Revolusi, Pendidikan, 5.0, Kualitas*

Abstract

This research aims to determine the concept of the Educational Revolution in Era 5.0 Towards Improving the Quality of Education. This research method is Library Research. The results of this research are that the educational revolution in Era 5.0 offers great opportunities to improve the overall quality of education. With the right use of technology, changes in learning paradigms, and concrete steps to increase accessibility and inclusion, we can create an education system that is more adaptive, inclusive, and relevant to future needs. To achieve this, commitment and cooperation from various parties is needed, including government, schools, industry and society. Only by working together can we create a brighter educational future for future generations. As individuals, we also have an important role in supporting this change, whether as teachers, students, parents, or community members. By collectively committing to creating positive change in education, we can lead this nation towards a brighter and more competitive future.

Keywords: *Revolution, Education, 5.0, Quality*

Introduction

Education has been an important milestone in human evolution throughout the history of civilization. Along with changing times and technological advances, the educational paradigm has also experienced a significant transformation. From a traditional teacher-centered education system to a deep integration of information technology, we are now entering a new era known as Era 5.0.

Era 5.0 represents a new phase in the evolution of education, where information and communication technology (ICT) has become the core of almost every aspect of human life, including education. The educational revolution in Era 5.0 is not just about introducing new technology in the classroom, but also about changing the paradigm, creating an educational ecosystem that is adaptive, inclusive, and relevant to future needs.

Education is not just a tool to transfer knowledge from one generation to the next. It is the foundation of human civilization, a system that shapes thought patterns, hones skills, and instills values that prepare individuals to face an ever-changing world. The educational revolution is not just about introducing new technology or innovative learning methods. The essence is deeper, changing paradigms, expanding understanding of what education means, and providing equal opportunities for all individuals to develop optimally.

The educational revolution is not just about transforming school classrooms into learning spaces equipped with advanced technology. More than that, this revolution involved a change in collective thinking about the true purpose of education. Education is not only to increase a nation's economic competitiveness, but also to form citizens who think critically, ethically

and care about the surrounding environment.

The essence of the educational revolution is to provide space for creativity and innovation. Relevant education not only teaches students to remember facts and figures, but also to think critically, solve problems, and find new solutions. This means changing the learning paradigm from an instructional model to a more exploratory and project-based model.

Revolutionary education recognizes and values individual diversity. Each individual has unique strengths, interests and potential. The educational revolution opened the door to various learning approaches that allow each student to develop at their own pace and learning style.

Education is no longer just about competition, but also about collaboration. Collaboration between teachers, students, parents and the community is the key to creating an inclusive and supportive learning environment. The educational revolution eliminated boundaries between the classroom and the outside world, facilitating a broader exchange of knowledge and experience.

Education does not stop when someone leaves school or university. The essence of the educational revolution is to transform education into a lifelong process. In an era where knowledge and technology are advancing rapidly, lifelong learning is essential to ensure individuals remain relevant and competitive in an ever-changing job market.

The educational revolution is not a change that simply follows the latest technological trends or popular educational policies. It is a profound change in the way we view and understand education as a means of creating a better future for all individuals and societies. By

understanding the essence of this educational revolution, we can move forward towards a more inclusive, adaptive and competitive education system.

In this article, we will discuss in depth the educational revolution in Era 5.0 and how this change can be the key to improving the overall quality of education. We'll look at various aspects of this revolution, from the application of technology in learning to the emphasis on 21st century skills. We will also discuss the challenges and opportunities that arise with this transformation, as well as concrete steps that can be taken to ensure our education meets the demands of the future.

Through a deep understanding of the education revolution in Era 5.0, we can design an education system that is more adaptive, inclusive and results-oriented that is relevant to the needs of society and the job market. As we enter a future filled with uncertainty and complexity, building a strong educational foundation will be critical to ensuring that future generations have the knowledge, skills and attitudes necessary to face the challenges ahead. Let's start our journey to explore the educational revolution in Era 5.0 and how it can lead us towards a brighter future.

Method

Judging from its type, this research is literary in nature, including the type of library research. Library research is research in which data collection is carried out by collecting data from various literature. The literature studied is not limited to books but can also include documentation materials, magazines, journals and newspapers. The emphasis of library research is to find various theories, laws, postulates, principles, opinions, ideas and so on that can be used to analyze and solve the problems being studied.

The approach used in this research is a qualitative approach, namely by emphasizing the analysis on the comparative inference process as well as on the analysis of the dynamics of the relationships between observed phenomena using scientific logic.

Results and Discussion

Education is the main pillar of human and societal development. Over the centuries, the education system has experienced various changes and evolution in line with the times and the needs of society. From traditional education that focuses on classical teaching to integrating information and communication technology (ICT) in the learning process, education continues to adapt to technological developments and social dynamics.

Currently, we are in a new era known as Era 5.0. This era is characterized by the deep integration of technology in almost every aspect of human life, including education. The educational revolution in Era 5.0 is not only about the use of new technology in the classroom, but also about paradigm transformation, creating an educational ecosystem that is adaptive, inclusive, and relevant to future needs.

In this article, we will explore the education revolution in Era 5.0 in depth. We will discuss various aspects of this revolution, including the use of technology in learning, the shift in learning paradigms, the emphasis on 21st century skills, the challenges faced, and concrete steps that can be taken to improve the overall quality of education.

1. Learning Paradigm Transformation

One of the main aspects of the educational revolution in Era 5.0 is the transformation of the learning paradigm. Along with technological developments,

the traditional teacher-centered learning paradigm is shifting to a paradigm that is more student-focused. Teachers are no longer only the main source of knowledge, but also facilitators and guides in the learning process.

In a student-based learning approach, students are given more autonomy and responsibility in managing their own learning. They are encouraged to actively seek knowledge, solve problems, and collaborate with fellow students. Technology plays a key role in supporting this approach, by providing access to diverse learning resources and supporting communication and collaboration between students and teachers.

2. Use of Technology in Learning

The use of information and communication technology (ICT) has become one of the main pillars of the educational revolution in Era 5.0. Technology has changed the way we learn and teach, opening the door to more interactive, adaptive and affordable learning. Online learning platforms, mobile applications, and smart devices have changed the way students access information and interact with learning materials.

One of the growing trends in the use of technology in education is adaptive learning. Through the use of artificial intelligence (AI) and data analysis, learning platforms can adapt learning materials to each student's needs and level of understanding. This allows each student to learn at their own pace and maximize their learning potential.

3. Emphasis on 21st Century Skills

The educational revolution in Era 5.0 also emphasizes the development of 21st century skills. In an era where technological and economic change is occurring rapidly, skills such as creativity,

problem solving, collaboration, communication and digital literacy are becoming increasingly important. The education system must be able to produce graduates who not only have academic knowledge, but also these skills necessary to succeed in the real world.

Project-based education and problem-based learning are becoming increasingly popular methods for developing 21st century skills. Through real-world projects and real-world challenges, students have the opportunity to develop practical skills and collaborate with others in solving problems. This helps them relate theoretical knowledge to real-world contexts and prepares them to face future challenges.

4. Inclusion and Accessibility

The educational revolution in Era 5.0 also emphasizes educational inclusion and accessibility. With technology, education has become more accessible to individuals from various backgrounds and geographic locations. Students can access courses and learning materials from anywhere, at any time, using the devices they own.

Additionally, technology also enables more inclusive education for individuals with special needs. Special applications and software are designed to help students with learning disabilities in a way that suits their needs. This helps ensure that no one is left behind in their educational journey.

5. Challenges and Opportunities

Although the educational revolution in Era 5.0 offers many opportunities to improve the quality of education, there are also various challenges that need to be overcome. One of the main challenges is the digital divide, where individuals from economically disadvantaged backgrounds may not have equal access to technology and online learning. To address this, investment in technological infrastructure

and training for teachers and students in the use of technology is necessary.

In addition, paradigm changes in education also require changes in school culture and practices. Teachers need to be trained to be facilitators and guides in the learning process, not just as sources of knowledge. Evaluation and grading systems also need to be adapted to reflect the 21st century skills required of students.

However, behind these challenges there are also great opportunities to improve the overall quality of education. With the appropriate use of technology and changes in learning paradigms, we can create an education system that is more adaptive, inclusive, and relevant to future needs.

6. Steps Towards Improving the Quality of Education

To achieve the goal of improving the quality of education, concrete steps need to be taken. First, investment in technology infrastructure and training for teachers and students in the use of technology is essential. This will help ensure that all individuals have equal access to digital learning.

Second, changes in curriculum and teaching methods are also needed. The curriculum must be revised to include 21st century skills and project-based learning. Teachers need to be given adequate training in implementing this method in the classroom.

Third, it is important to strengthen cooperation between schools, government, industry and society. Industry can play a role in providing insight into the skills needed in the job market, while government can provide policy support and resources to support this change.

Finally, it is important to continue evaluating and monitoring the implementation of these changes. Regular evaluation will help ensure that the steps

taken are having the desired positive impact and allow for adjustments if necessary.

Conclusion

The educational revolution in Era 5.0 offers great opportunities to improve the overall quality of education. With the right use of technology, changes in learning paradigms, and concrete steps to increase accessibility and inclusion, we can create an education system that is more adaptive, inclusive, and relevant to future needs.

However, to achieve this, commitment and cooperation from various parties is needed, including government, schools, industry and society. Only by working together can we create a brighter educational future for future generations. As individuals, we also have an important role in supporting this change, whether as teachers, students, parents, or community members. By collectively committing to creating positive change in education, we can lead this nation towards a brighter and more competitive future.

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