
THE IMPLEMENTATION OF SOCIETY 5.0 IN POLICY AND EDUCATIONAL STRATEGIES IN THE 21st CENTURY

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Abstract

The upcoming era of education, "education 5.0," makes use of digital technology to lower learning obstacles, enhance teaching strategies, and enhance student welfare. To achieve more advantageous outcomes, the education sector must be aligned with general business modernization, industrial development, and technological advancement as part of the 21st-century education policies and plans that incorporate society 5.0. To create programs that leverage digital technology to promote well-being, collaboration, and personalized learning, educational policies require being implemented existence. With the goal fulfill the demands of the market, provide social services, and introduce innovative integration between the education sector and industries. Education 5.0 transforms the traditional education system into an academic environment. Efficient educational system that can adjust to future changes in society's demands, the concepts of "society 5.0" and "industry 5.0" seek to put people at the heart of technology advancement and digital transformation for the good of society of the industrial revolution.

Keywords: society 5.0, policy, educational strategies in the 21st

Abstrak

Era pendidikan yang akan datang, "pendidikan 5.0", memanfaatkan teknologi digital untuk mengurangi hambatan belajar, meningkatkan strategi pengajaran, dan meningkatkan kesejahteraan siswa. Untuk mencapai hasil yang lebih bermanfaat, sektor pendidikan harus diselaraskan dengan modernisasi bisnis secara umum, pengembangan industri, dan kemajuan teknologi sebagai bagian dari kebijakan dan rencana pendidikan abad ke-21 yang menggabungkan masyarakat 5.0. Untuk menciptakan program yang memanfaatkan teknologi digital untuk meningkatkan kesejahteraan, kolaborasi, dan pembelajaran yang dipersonalisasi, kebijakan pendidikan perlu diterapkan. Dengan tujuan memenuhi permintaan pasar, menyediakan layanan sosial, dan memperkenalkan integrasi inovatif antara sektor pendidikan dan industri. Pendidikan 5.0 mengubah sistem pendidikan tradisional menjadi lingkungan akademis. Sistem pendidikan efisien yang dapat menyesuaikan diri dengan perubahan tuntutan masyarakat di masa depan, konsep "masyarakat 5.0" dan "industri 5.0" berupaya menempatkan masyarakat sebagai inti dari kemajuan teknologi dan transformasi digital demi kebaikan masyarakat revolusi industri.

Kata Kunci: society 5.0, kebijakan, strategi pendidikan di abad 21

INTRODUCTION

The Japanese government unveiled the idea of "Society 5.0," a super-intelligent society in which big data, the Internet of Things, artificial intelligence, and robots are ingrained in every sector of the economy and society. In the context of education, it emphasizes the development of higher-order thinking skills (HOTS) to prepare students for the challenges and opportunities of this technologically advanced society. The Japanese Ministry of Education is considering adjustments to the school system must conform to Society 5.0's ideals, focusing on human skills and the use of technology to solve complex problems.

The implementation of Society 5.0 in policy and educational strategies in the 21st century involves preparing students with the skills to thrive in a technology-driven society. This includes a focus on higher-order thinking skills, 21st-century learning competencies, and the technological incorporation into the educational process. The concept also emphasizes the central role of humans in technology-based activities and the need for education to foster creativity, innovation, and adaptability to effectively address the challenges of Society 5.0.

According to Faruqi (2019) Japanese society has been eagerly awaiting the concept of Society 5.0. In contrast to the Industry 4.0 era, which centers on production processes in an attempt to integrate the online world and improve human labor, Society 5.0 emphasizes and prioritizes improving life quality in a more sophisticated and advanced manner. rich in discoveries and a brand-new hub for innovation.

The world is currently going through a period of globalization and disruption in many facets of existence. Greater levels of connectivity, interaction, and development in digital, intelligent, artificial, and virtual systems are characteristics of this (Sudibjo et al., 2019; Fukuyama, 2018). (Fukuyama, 2018; Sudikjo et al., 2019). Information and communication technology, of course, affects many facets of society as boundaries between humans, robots, and other resources become more blurred (Barret et al., 2021). One of them has an effect on Indonesia's educational system.

The notion of society Through the merging of physical and virtual environments, 5.0 transforms society into a hub for innovation capable of resolving a wide range of scenarios and societal challenges (Nastiti et al., 2022). One of the tenets of society 5.0, according to Nusantara (2020), is that consumers should expect more from products. Big data from online transactions in all spheres of life will be transformed by artificial intelligence into fresh wisdom, which will boost human potential and create chances for humanity. Education in the 5.0 society demands greater creativity, innovation, productivity, adaptability, and competitiveness from all of us. Aside from that, teaching life skills—also referred to as the 4Cs—is essential in the twenty-first century.

Humans continue to be at the center of Society 5.0 because to technology. According to Umro J (2020) Inventions that are patentable are required to solve the issues that civilization 5.0 presents. Schools and teaching personnel will undoubtedly play a crucial role in the period of society 5.0. Nowadays, educational activities don't just concentrate on one subject. The book serves as the source. Nonetheless, educators need to be receptive and willing to learn from a variety of other sources. Social media and the internet are two examples. However, the faculty still has to be able to navigate through information from social media and the internet. This needs to be done while keeping in mind the abundance of hoaxes and fake news that circulate in the media.

Education offers a perspective on social transformation. In the days of conventional education, educational institutions viewed education as a part of the social structures and cultures they served (Foresti et al., 2020; Gladden, 2019). rather than receiving an official education, students are positioned as the objects of social transformation. As a result, educational institutions that can't keep up with the rapid advancements in social change may no longer serve as a vehicle for implementing changes that propagate societal values; in fact, many may even lose their patronage as a result of their inability to address pressing issues. The contemporary demands are evolving at an accelerating rate (Aditya et al., 2022; Munastiwi & Puryono, 2021). It can only grow in connection with the social and cultural order in which it exists if contemporary education treats it as an individual. Accordingly, students are not only made objects of social change but also actors of it when they receive modern education, where their active participation in the process of social change is acknowledged (Hanafi et al., 2021; Iivari et al., 2020).

The use of numerous programs to carry out learning activities online is another role. Many of these apps are similar to Zoom, Google Classroom, and Google Class Meeting, among others. This implies that educators need to be adept with technology and not be uninformed when it comes to employing online resources for learning. The education sector must prioritize the fifth industrial revolution, which calls for students to apply hard and soft skills through a variety of increasingly complex technological applications to enhance their creativity and abilities.

As a developing nation, Indonesia is indirectly impacted by the Society 5.0 movement. It is the state's right to actively participate in getting ready for upcoming Society 5.0 trends. Existence One of the many obstacles that come with living in Society 5.0 is the sector of education, which includes learning. A stage of the learning program that educators and students carry out is called learning. Students lack the necessary reading, writing, and counting skills—better known as "Trees"—to deal with the complexity of people's living situations in the Society 5.0 age. R" (reading, writing, and math), but they also need to have what are known as social skills, or global community competences. 21st-century skills, or the "Four Cs"—communicators, creators, critical thinkers, and collaborators—are the capacity for communication, creativity, critical thought, and teamwork.

The following traits can be employed as capital to deal with societal conditions: mastery of knowledge, ability to engage in "team work" across sectors, flexibility, openness, innovation, agility, competitiveness, sensitivity to competency concerns, and ability to adapt to change. 5.0. The digitization program has improved in the era of society 5.0, which is bolstered by four factors: 1) Digital transfer instructions to the actual world, such as 3D printing and robotics; 2) the creation of business analytics, capabilities, and intelligence; 3) new forms of human-machine interaction; and 4)

growing volumes of data, processing power, and connectivity. The quality of people's living has a big influence on everything in the 5.0 civilization, including education. The notion of "Society 5.0" has implications for the field of education. It calls for the updating of competencies taught to students so that they can adapt to the demands of the modern society. It also calls for the adoption of new learning models in schools.

Students need to be given the competence to handle the rapid changes that occur in the Era of Society 5.0 since the learning methodologies that teachers are now providing are insufficient and have not been able to meet the objectives. In this period of "society 5.0," there are a number of tactics that can be used with kids. These include: (1) assisting them in learning; (2) giving them chances to grow and succeed; (3) bolstering character education; (4) promoting technical literacy; and (5) developing into successful teachers. The advent of technology in the society era 5.0 has caused a shift in the function of instructors. A fascinating lesson In order for teachers to play the proper role, strategies are required.

METHOD

This study use the literature study method to conduct qualitative research. This approach gathers data or information from books, journals, or articles that are pertinent to the issue under investigation. This seeks to gather data or information on the implementation of society 5.0 in policy and educational strategies in the 21st century.

RESULTS AND DISCUSSION

Implementation of society 5.0 in policy and educational strategies in the 21st century

Aiming to address societal issues by the integration of digital systems from virtual and physical realms, Society 5.0 leverages big data, machine learning, artificial intelligence, and the Internet of Things (IoT). Education 5.0 is an approach that equips individuals with the skills and mindset needed for active participation in Society 5.0's tech-enhanced ecosystem, while emphasizing the development of Higher Order Thinking Skills (HOTS), including critical thinking, social creativity, and problem solving abilities. Everyone must become more inventive, creative, productive, flexible, and competitive in order to implement Education 5.0. They must also study the 4Cs (Creativity, Critical Thinking, Communication, Collaboration), which are life skills. Japan's Ministry of Education, Culture, Sports, Science and Technology is carefully considering how to adjust the education system to meet the needs and values of Society 5.0, from primary school to university level.

The goal of all education is to prepare future human resources, who may adapt with the times. It has been established by numerous social scientists that automation, data, and technology are essential components of Society 5.0. As a result, values and education must be implemented to prepare human resources to fulfill Society 5.0's requirements.

As a result, Educational services need to be provided in a way that prepares human resources and values for societal expectations. 5.0. Values to Welcome Society in National Education Policy 5.0 seeks to promote wealth and contentment for all of its citizens as well as equality and respect among all other countries. Society's values also include the growth of morality to comprehend and provide significance for the actual world and the ability to take action or make choices to complete accountability. 5.0 that has to be created. This is consistent with societal values. 5.0 In terms of maintaining balance in a sustainable existence, everything is possible if you have a strong desire and a strong will.

Education in the Society 5.0 age must foster greater creativity and skill by integrating hard and soft skills through the use of a variety of ever-more-advanced technology. In order to develop these skills, students must be able to think critically and communicate.

Soft skills are those that students possess, such as effective communication, rule compliance, and the ability to apply them in a way that strikes a balance between hard and soft skills. As observed by the Society 5.0 era, a large number of students simply focus on the teacher throughout class and are uninformed of the material being covered. The education system around the world is greatly impacted by Society 5.0, which also has a significant impact on schools, instructors, and students. Because of this modification, the introduction of the Society 5.0 period has no effect on the current curriculum, even in the face of progressively complex technical advancements.

In implementing the social era Education carried out by schools and teachers, for instance, is 5.0 in the world; Educational initiatives that draw information from social media and the internet rather than textbooks. To make things easier for students during, teaching staff members are also required to use Zoom, Classroom, and other social media applications for learning systems despite the ongoing Covid-19 pandemic. Put in place a hybrid learning system, which is an approach to teaching pupils that blends offline and online resources. Lastly, in order to conduct both in-person and remote learning concurrently, schools and teaching personnel must adopt blended learning for students and notify their guardians about it.

From the four reasons above, it is clear that the society 5.0 era can solve any problem. The complexity of implementing traditional learning systems in the field of education is becoming more

and more of a challenge. Technology-driven societal issues can also be efficiently assimilated by society 5.0.

Aside from that, In the modern era of society 5.0, there does not appear to much choice for Indonesian education except to keep developing digital infrastructure. In this situation, educational institutions must develop rules and policies that support the development of an effective and forward-thinking telecommunications sector for both faculty and students.

In summary, there are a lot of chances and problems for education in the Society 5.0 period. Education systems may adjust to change and assist the development of a more sustainable, inclusive, and successful society by emphasizing the development of higher-order thinking abilities, integrating technology, and encouraging lifelong learning.

Implementation of character effects of the society era 5.0 in policy and educational strategies in the 21st century

Different parties have seen both positive and negative effects from the era of society 5.0. The ability to work more freely and save time is a benefit of the society 5.0 age. However, there will be a drawback if people become lulled by the sophistication of technology, which makes it harder for them to concentrate, makes them feel lethargic, and causes character changes (Integration et al., 2022). According to Hastuti (2017), the protagonist, being truthful, wise, and prepared are the things that need to be done. Ancestral cultural values must not be abandoned in favor of the application of these values.

Higher education's role in character education is to stop the moral decline and provide a strong basis for navigating the period of society 5.0 (Japar & Nur Fadhillah, 2018). Along with A nation of goodness will be created by producing pupils with strong cognitive ability and moral ideals. If everyone works together, these principles can be put into practice, which will improve people's lives. This is consistent with the claims made by Widodo & Chandrawaty (2021) that character has a significant influence on a country. A nation's strong character allows it to advance and prosper. The quality of development itself is significantly influenced by the role of a country's leaders.

To ensure that character education is implemented effectively and efficiently, educational institutions must base their construction of the program on certain concepts (Mislija et al., 2016). There are some character education tenets. First, putting fundamental moral principles first as the cornerstone of character. Secondly, as a result, recognize the whole character, including ideas, emotions, and actions. Third, use a shrewd, assertive, and successful attitude to character development. Fourth, create a supportive school environment. Fifth, allow the students the chance to show excellent behavior. Sixth, provide a curriculum that respects each student and is both

meaningful and difficult. Seventh, assist pupils in succeeding by molding their character. Eighth, make an effort to raise students' self-motivation. Ninth, character education and participation in common core values become a shared moral community obligation for all school personnel. The leadership of the moral division and widespread support for the creation of character development programs rank tenth. Friendships are formed by the elderly, relatives, and community members to develop character and evaluate the character of the school, instructors, and staff. It also aims to instill virtue in the lives of the students.

The Society 5.0 era is characterized by a focus on human-centered innovation, technological transformation, and industrial automation, which aims to create a more sustainable, inclusive, and prosperous society. This era has significant implications for policy and educational strategies in the 21st century. Some of the key aspects of Society 5.0 in education include:

Higher order thinking skills: Students must learn critical thinking, creativity, communication, and teamwork in the context of Society 5.0. In order to better support students in this new era, educators must also work on their soft skills. **Integration of technology:** In education, the use of robotics, big data, and artificial intelligence is growing as Society 5.0 highlights the role that technology plays in enhancing human lives. **21st-century skills:** Critical thinking, creativity, teamwork, communication, media and information literacy, technology literacy, adaptability, initiative, leadership, productivity, and social skills are some of these abilities. In order to properly prepare students for the challenges of the Society 5.0 age, education must include these abilities into every topic in a comprehensive manner. **Lifelong learning:** Education needs to prioritize developing students' learning and innovation skills, critical thinking and problem-solving abilities, and life and career skills as the world changes. **Social integration and equal opportunity:** By fusing physical and virtual spaces, Society 5.0 seeks to address social issues and build a more equitable and inclusive society. To guarantee that every student has access to a high-quality education and the chance to succeed, education must reform to reflect these developments. **Education transformation:** Teachers and educational institutions must transform their approaches to teaching and learning, embracing new technologies and methodologies to support the development of higher-order thinking skills

In summary, there are a lot of chances and problems for education in the Society 5.0 period. Education systems may adjust to change and assist the development of a more sustainable, inclusive, and successful society by emphasizing the development of higher-order thinking abilities, integrating technology, and encouraging lifelong learning.

In order to meet the opportunities and difficulties of the twenty-first century, the ideas of Education 5.0 and Society 5.0 place a strong emphasis on the integration of cutting-edge technology

and the development of twenty-first-century skills. In Society 5.0, a human-centered society is envisioned as one that can use innovation, technology, and education to address a range of societal issues. Education 5.0 leverages contemporary ICT and related technologies like blockchain, IoT, AI, ML, and Metaverse-based AR/VR to foster individualized learning, collaboration, and well-being as well as the development of 21st century abilities like creativity, critical thinking, and problem solving.

In the context of policy and educational strategies, the implementation of Society 5.0 and Education 5.0 involves the following key aspects: Individualized instruction and group learning. In incorporating cutting-edge technology into education, including blockchain, AI, IoT, and AR/VR. Development of 21st century abilities, such as teamwork, communication, creativity, and critical thinking. Emphasis on the importance of teachers in the Society 5.0 era and technological literacy. Education regulations must evolve quickly to keep up with the rapid advancements in technology and culture.

These concepts highlight the importance of preparing individuals to be creative, innovative, and adaptive, and to equip them with the necessary skills to thrive in a technology-driven and rapidly changing society. The implementation of Education 5.0 and Society 5.0 in policy and educational strategies requires a holistic approach that integrates advanced technologies, 21st-century skills, and a human-centered focus to address the challenges and opportunities of the 21st century.

Efficient in aiding in the growth of these abilities. In order to actually apply learning in the context of society 5.0, the following steps should be taken (Chimpololo, 2020):

Exploration to learn new things, the finding of new information, participation in research projects, testing of hypotheses, knowledge validation, and cooperation between teachers and other students are all highlighted by interdependent learning.

Review and triple-loop learning places an emphasis on the following skills: analyzing what will be learned; analyzing how new information and learning paths affect an individual's values and beliefs; recognizing the value of learning from experience; applying knowledge and experience to both familiar and unfamiliar situations; and responding to issues and problems pertaining to the learning environment.

In order to engage in practice, students can sign up and participate online. In addition, they can participate in in-person instruction and communities made up of other students or educators. Next, ask questions, answer to inquiries and concerns, and exchange information and content within the education community. The focus of education in the Society 5.0 period is on teaching pupils how to learn (metacognition).

It is possible to implement the learning plan also occur through blended or hybrid learning methods throughout the epidemic. The process of learning hybridly involves integrating both online and offline learning activities occurs when children who have parental consent attend school on a rotating basis, yet they are Even those who learn at home can access online resources. Owing to this intricate process, trained personnel and educators are required to support student learning and prepare the next generation of society, known as generation 5.0.

The challenges and opportunities of implementing education 5.0 in policy and educational strategies in 21st century

Education 5.0, as a concept, presents both challenges and opportunities in the 21st century. Some of the challenges include the need for teacher training, assessment methods, integration with traditional curriculum requirements, under-representation of women in school leadership, and difficulties in implementing consistent education worldwide. Additionally, there are challenges related to the cost of education, accessibility to all segments of society, and limited opportunities for illiterate adults to receive education. On the other hand, the opportunities of Education 5.0 lie in the use of technology and digital learning, offering flexibility of location and time, personalization of learning, collaboration, and adaptability. Additionally, it seeks to remove obstacles to education and improve the learning process by incorporating cutting-edge ICT technology into the educational system. The development of information technologies and their integration into the educational process is crucial for the education of the future. Overall, Education 5.0 aims to embrace technology and adapt to the changing needs of learners.

A vision of education for the future known as "Education 5.0" seeks to integrate technology into the educational process in order to make it more effective, efficient, and just. It presents both challenges and opportunities for the education sector. Some of the challenges and opportunities include:

Challenges

Teacher training: Teachers need to have competence in transforming learning from manual learning to digital learning, using technology as a driver. Assessment methods: The need for new assessment methods to evaluate students' learning outcomes in a more effective way is essential. Integration with traditional curriculum requirements: Education 5.0 should be integrated into the existing educational system, which may require updates to the body of knowledge. Cost and accessibility: Issues associated with technology infrastructure and educational accessibility for all societal sectors may arise from the implementation of Education 5.0. Women are underrepresented in school leadership: Education 5.0 must overcome the gender disparity in school leadership.

Opportunities

Learning that is tailored to each student's needs and learning style is made possible by Education 5.0. Collaborative work: The use of technology enables students and teachers to work together more effectively, fostering better interpersonal relations, empathy, and tolerance of diversity. Creativity and innovation: Education 5.0 encourages students to think innovatively and develop problem-solving, communication, and collaboration skills. Flexibility and responsiveness: By eliminating obstacles like geographic and budgetary limitations, Education 5.0 seeks to establish a more accessible and adaptable educational system. Use of technology: The use of cutting-edge technology, such virtual reality, augmented reality, and artificial intelligence, can improve education and give students an immersive experience.

To successfully implement Education 5.0, it is crucial to address the challenges and leverage the opportunities it presents. This can be achieved through continuous research, teacher training, and the development of new curricula and educational methods.

Implementing Education 5.0 in policy and educational strategies comes with several challenges, including: Implementation cost: The transition to Education 5.0 requires significant investment in technology infrastructure, training, and resources, which can be expensive for both developed and developing countries. Lack of teacher training: Educators need to be well-prepared to facilitate personalized learning and address the needs of diverse students in an Education 5.0 environment. Perhaps this is possible that there aren't enough programs for teacher preparation to give educators the abilities and information they need. Digital divide: Because of the significant reliance of Education 5.0 on technology and the internet, students who lack access to these resources may face obstacles. This can lead to disparities in access and opportunities for students from different socioeconomic backgrounds. Limited resources: Implementing Education 5.0 may require significant resources, such as up-to-date technology, digital tools, and infrastructure, which can be challenging for schools and educational institutions, especially in developing countries. Curriculum development: The development of 21st century skills and the incorporation of technology into the classroom are prioritized in Education 5.0. This requires a curriculum that is adaptable and aligned with the needs of the 21st century, which can be a complex task for educational policymakers and institutions. Assessment methods: The shift to personalized learning and the use of technology in Education 5.0 may require new assessment methods to measure student progress and outcomes accurately. This can be a challenge for educators and policymakers who are accustomed to traditional assessment methods. Integration with traditional curriculum requirements: Implementing Education 5.0 may involve integrating new technologies and approaches with traditional curriculum

requirements, which can be challenging and may require significant adjustments to existing educational systems.

To address these challenges, it is crucial to invest in teacher training, infrastructure development, curriculum adaptation, and the exploration of innovative assessment methods. In addition, initiatives must be taken to assure that all students, regardless of socioeconomic status, have fair access to resources and technology.

The potential benefits of implementing education 5.0 in policy and educational strategies in 21st century

Education 5.0 is a cutting-edge educational paradigm that prioritizes the needs and well-being of each individual student by fusing individualized learning, cutting-edge technology, and the development of critical skills. Personalized learning, collaboration, and well-being are among the potential advantages of incorporating Education 5.0 into 21st-century education policy and strategy. Other advantages include the development of 21st-century skills like creativity, critical thinking, and problem solving, as well as the readiness of students to take on challenges throughout their lives. Education 5.0 also prioritizes the importance of real-world experience and allows for learning to take place anywhere, anytime. This involves a comprehensive strategy that considers elements like technological awareness, privacy, ethics, and security. Education 5.0 is about making appropriate decisions while keeping an eye on the wider picture, not about utilizing more or less technology. By leveraging the power of advanced technology, Education 5.0 allows us to create an immersive and personalized learning experience that engages and enables students to deeply explore topics through hands-on, real-world activities.

An innovative approach in education called "Education 5.0" makes use of cutting-edge technology to give students rich, customized, and interesting learning experiences. The following are possible advantages of applying Education 5.0: Collaborative work: Education 5.0 fosters better interpersonal relations, empathy, and tolerance of diversity, promoting collaboration and teamwork. Creativity: Utilizing contemporary technologies, such artificial intelligence and machine learning, enables students to explore topics through hands-on, real-world activities, fostering creativity and innovation. Conflict resolution: Education 5.0 aims To encourage students for critical thinking, problem solving, and decision making for various challenges they may face in their personal and professional lives. Personalized learning: Education 5.0 tailors the learning experience to individual students, addressing their unique needs and learning styles, ensuring that each student receives the support they need to succeed. Accessibility: By leveraging technology, Education 5.0 makes learning more accessible and engaging, enabling students to deeply explore topics through hands-on, real-

world activities. Integration with industry: Education 5.0 aligns with the modernization of general businesses, industries, and technologies, ensuring students with the abilities required for the workforce. Development of 21st-century skills: Education 5.0 places more of an emphasis on problem-solving, creativity, and critical thinking than it does on memorization. The immersion method: Students can go to different areas using augmented reality and virtual reality, which gives them an immersive, first-hand grasp of a subject or place.

Overall, Education 5.0 has the potential to revolutionize the way we learn, offering a dynamic and intuitive educational experience that challenges both learners and instructors. By placing the learner at the center of their education, Education 5.0 allows students to develop a deeper understanding of their chosen subject, their learning style, and how best to maximize it.

The key of implementing education 5.0 in policy and educational strategies in 21st century

Education 5.0, a modern educational approach, emphasizes several key areas for implementation in policy and educational strategies in the 21st century. These key areas include learning emphasizes on creating a value-based learning culture, using creative thinking to solve problems, and being professional. Personal learning is also reinforced and incorporated. To implement Education 5.0, educational strategies should focus on active learning, student-centered approaches, project-based learning, and the utilization of technology to empower and motivate students. Additionally, Education 5.0 requires the use of new technologies to provide more humanized teaching, with a focus on personalized education and collaborative learning. Therefore, to implement Education 5.0 in policy and educational strategies, a focus on these key areas and teaching methodologies is essential to equip students with the necessary skills for the 21st century.

The key principles of Education 5.0 include: Development of a coherent and applicable curriculum: a crucial aspect of Education 5.0, ensuring that the learning content is up-to-date and aligned with the needs of the modern world. Individualized learning: The main goal of Education 5.0 is to make learning more unique individual students, addressing their unique needs and learning styles. Professional development learning with a clear focus: This principle emphasizes the importance of continuous learning and skill development for both teachers and students. Creativity and skill development: The development of creativity, critical thinking, and problem-solving abilities is given priority in education 5.0, as opposed to rote learning. Integration of modern tools and techniques: Education 5.0 leverages cutting-edge tools to improve education, like augmented reality, virtual reality, and artificial intelligence. Real-world experience: This principle emphasizes the importance of connecting learning to real-life situations, allowing learners to have a more profound comprehension of their studies within the framework of their experiences. Accessible and

engaging learning: Education 5.0 makes learning more accessible and engaging, enabling students to deeply explore topics through hands-on, real-world activities. Promoting a culture of learning based on values: This principle highlights the importance of fostering a love for learning and emphasizing the value of continuous learning and personal growth.

By implementing these ideas into practice, Education 5.0 seeks to develop a more equitable, efficient, and effective educational system that can change to meet the demands of a society that is undergoing a fifth industrial revolution.

Students perception of implementing education 5.0 in policy and educational strategies in 21st century

The perception of implementing Education 5.0 varies among educators and researchers. Education 5.0 is seen as a an innovative approach to curriculum reform that emphasizes personalized education, collaborative learning, and the integration of the latest advancements in technology. However, there are challenges associated with its implementation, such as the need for significant financial resources and the absence of adequate physical infrastructure. The focus of Education 5.0 is To transform students' aptitudes from traditional instruction to experience-based learning by introducing novel, thought-provoking concepts traditional teaching methods. While some educators perceive it as beneficial, there are concerns about its practical implementation, especially in terms of financial and infrastructure requirements.

Students can contribute to the implementation of Education 5.0 in policy and educational strategies in several ways. Education 5.0 emphasizes personalized and collaborative learning, real-world application, and technology integration. Therefore, students can contribute by:

Providing feedback: Students can offer insights into their learning experiences and preferences, helping educators and policymakers tailor educational strategies to their needs.

Embracing technology: Actively engaging with digital tools and platforms can demonstrate the effectiveness of technology integration in education, supporting the case for its wider implementation. Participating in collaborative projects: By working together on projects, students can demonstrate the value of collaborative learning and its impact on their educational experience.

Seeking real-world applications: Students can express their interest in practical, real-world learning experiences, encouraging the integration of such opportunities into educational strategies.

The implementation of Education 5.0 in policy and educational strategies in the 21st century aims to transform the traditional education system into a more personalized, adaptive, and collaborative learning environment. This new paradigm highlights the importance of the physical,

mental, and emotional well-being of students and calls for the application of technology like robotics, artificial intelligence, machine learning, and data analysis.

CONCLUSION

The implementation of Society 5.0 in policy and educational strategies in the 21st century involves adapting education to Business in general modernization, industrial and technological advancement, and aligning it with the capabilities of technology and its use in education. This includes preparing the education sector to face the challenges and opportunities of the new era by promoting individualized education, teamwork, and wellness with the usage of digital technologies, and by ensuring that university graduates are ready to function in the Society 5.0 environment. Developing an interdisciplinary approach to education that integrates several disciplines of study and promotes greater collaboration between teachers and students is another requirement of implementing Education 5.0. Humans in Society 5.0 are able to use a variety of technological advancements that emerged during the Industrial Revolution 4.0 to address a wide range of societal issues. Since the usage of this application media necessitates deeper understanding from educators, schools and teaching staff play a critical part in society 5.0, which emphasizes human power. Owing to this intricate procedure, trained personnel and educators are required to educate pupils and become ready for the upcoming Generation 5.0.

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