SUSTAINABLE DEVELOPMENT: SIGNIFICANCE AND EFFECTIVENESS OF QUALITY EDUCATION

Bharat Jadhav, Assistant Professor, Department of Digital Arts, Tilak Maharashtra Vidyapeeth, Pune, bharatmax12@gmail.com.
Lalit Shetty, Department of Journalism and Mass Communication, Tilak Maharashtra Vidyapeeth, Pune, lalitrshetty01@gmail.com.

Abstract:
Sustainable development is a development that satisfies current needs without compromising future generations' welfare. Every human being can get the knowledge, skills, attitudes, and values needed to construct a sustainable future through education for sustainable development. Basic education is crucial for a country's ability to thrive and meet sustainability goals. Education research and innovation for long-term sustainability are becoming a more prominent aspect of the educational system. In terms of sustainable development (SD), education is a critical component that can help an individual to achieve ultimate objectives. As a result, education, research, and innovation in this field are unavoidable and can be extremely beneficial. The researcher explains the need for the best quality education in the process of development of individuals as well as a community. The analysis of the studies shows the effectiveness of quality education that contributes in many ways to sustainable development. The research focuses on the benefits of quality education in various contexts of sustainable development while explaining the role of education in the growth of the community.
Keywords: Sustainability, Quality Education, Sustainable Development, effectiveness of Quality education, Education for Sustainability, Significance of education, Role of quality education

1   Introduction:

The concept of sustainable development deals with the result of the impacts of human beings on the environment. It is mainly based on three main pillars including not only the society but also the economy and most important the environment. As every government and non-governmental organization is concerned about how society can meet its needs without risking future generations' well-being. Every community's evolution is constructed on the primary foundation of cutting-edge high-quality education. The element of engaging in sustainable development activities on which the economy relies for survival whilst still preserving natural resources and services is known as sustainable development.

Whereas, sustainability is a structural notion that refers to the continuity of human society's economic, social, institutional, and environmental aspects. It is intended to be a means of configuring civilization as well as human activity in such a way that society, its members, and its economies can meet their needs. They can express their full potential in the present while preserving biodiversity and natural ecosystems, and planning and functioning to maintain these ideals for the long run. From the local neighbourhood to the entire planet, sustainability affects every level of organization. 1

Further, the sustainable human development perception has been developed within the United Nations system, which tends to use the term sustainable development. In recognition of the significance of the human dimension in development, the United Nations General Assembly adopted a "Declaration on the Right to Development" in 1986, which is stating that the human person is the central subject of development and urges member states to "ensure that basic resources, such as food, housing, and employment, are available, as well as an equitable distribution of income." 2 The addition of the "human" dimension helps for human progress to the forefront of regional integration along with the sustainable development of a nation or continent. As per the United Nations defined in 2018, the "fourth" sustainable development objective is "quality education". Access to high-quality education aids in the development of innovative skills for utilizing domestic resources for

long-term sustainable growth. This can be accomplished, however, by incorporating education for sustainable development into higher education institutions, which will provide the necessary training and skills for students to improve the living standards of people in their respective countries. 3

Quality Education to Sustainable Development

Education is a critical component of the global integrated framework for achieving sustainable development goals. Efforts to adapt to change and transform the world in which we live are both centered on education. In this complex and rapidly changing world, a good basic education is a necessary foundation for learning throughout one's life. 4 Education for sustainable growth also known as ESD is a dynamic term incorporated with a new vision of education that seeks to strengthen individuals of all ages to take responsibility for building a sustainable future. Education for Sustainability is all about respect, valuing, and retaining previous accomplishments, appreciating the Earth's marvels and peoples, envisioning a world where everyone has sufficient food to live a happy and healthy life, evaluating, caring for, and reviving our planet's state, Create a better, safer world, Be compassionate residents who exercise their rights and responsibilities on a local, national, and international level.

Significance of quality education:

The Significance of education in attaining long-term sustainable development, education is also an important tool for achieving long-term sustainability. However, it also serves as a useful framework that is helpful to recognize how people perceive development. Financial, social, and environmental development can develop tensions and be brought together and combined into a single concept and goal. Everyone's well-being can be sustained. Education is not limited to a single Sustainable Development Goal but also requires a better understanding of the role of education as a catalyst for changing a method of implementation that is cross-cutting in order to improve results. The Sustainable Development Goals (SDGs) call on governments to take a fresh look at many other goals. Education is the backbone of a sustainable development agenda, with individuals acquiring relevant knowledge and developing positive attitudes to address the global challenges over the course of their lives". A stronger mechanism for supporting social learning is formed by a broader understanding of education practiced across formal, non-formal, and informal education, which allows for collaborations among education and other crucial aspects of an enabling environment, such as lifelong learning, professional career development, community learning, and public participation. 5

Effectiveness of quality education:

Quality education is a critical component in creating a more sustainable society. Education for sustainable development encourages research and distributes information that can help solve long-term development issues caused by human decisions. Education is one of the most important factors of human resource investment to contribute to sustainable development. In our lifestyles and behaviors, education for sustainable development plays a critical role. Education is viewed as a process of learning how to make decisions that have an impact on our lives. It is concerned with the economy, environment, and social well-being of the future of health, education, and food security of all communities. This vision aids individuals of all ages in acquiring the goal of education in the context of sustainable development. This educational vision emphasizes a holistic, integrated, and interdisciplinary approach to the development of knowledge and skills as well as changes in values, behavior, and lifestyles required for a sustainable future. 6

2 Research Review:

The research is not only focused on quality education in sustainable development but also highlights its effectiveness in community development. The study also provides overall insights in terms of sustainability as well as quality education and explains the relationship between quality education and sustainable development. It explains the impact of quality education on sustainable development with systematic reviews.

The researcher of "Sustainable development concept and components" has explained various concepts and components of sustainable development that are generally used. However, the researcher has explained the real concept and the need for Sustainable development with the principles on which the concept of Sustainable development is based. 7

The studies have explained the concept of quality education and according to the author, the concept of quality education being accepted by all is quite difficult. The documents of the Sustainable Development Goals give qualitative education a new meaning, distinct from the traditional one. 8. Furthermore, the importance of quality education for long-term sustainability has been explained by an author. In order to create a more sustainable world, people must become change-makers in sustainability and should address the sustainability issues as mentioned in the sustainability goals. They need the knowledge, skills, values, and attitudes that will enable them to contribute to long-term sustainability.

The author of "The United Nations Decade of Education for Sustainable Development" paper researched the improvement of sustainable development outcomes through quality education with the role of the emergence of education in sustainable development (ESD). He has also focused on how education for Sustainable Development (ESD) advocates for higher quality education for all communities across the world as well as modern education policies and techniques. According to the study, the ESD is the absolute sum of various paths to reach a goal of a learning community, where people learn from and with one another. Together, they become more proficient at dealing with setbacks and can also deal with complexity, insecurity, and risks induced by sustainability. 9

The researcher has highlighted the education's role in modern India's long-term development. As every human being can gain the knowledge, skills, attitudes, and values needed to shape a sustainable future through education for sustainable development. Thus, basic education is vital for a country's ability to develop and meet sustainability goals. The study explained that Climate change, disaster risk reduction, poverty reduction, biodiversity, and sustainable consumption are just a few of the key sustainable development issues that must be addressed in education for sustainable development. It also necessitates participatory teaching and learning methods that motivate and empower students to change their behavior and take action for sustainable development. 10

According to the research paper on the importance of education for long-term development, the significance of quality education in sustainable development is accountable. According to the researcher, education research and innovation for sustainable development are becoming an increasingly important part of the educational system. Education is a critical component that can help us acquire our goals in terms of sustainable development. As a result, fields of education, and research, including invention becomes inevitable that are significant for sustainable community development. 11 Education, particularly higher education, is a critical tool for achieving Sustainable Development. As a result, quality education is centered on sustainability values and skills.

Few studies also focus on the importance of quality education for attaining sustainable development Goals with the systematic examples of the United Nations General Assembly adopted the 2030 Agenda. The 17 Sustainable Development Goals (SDGs) serve as "a comprehensive, far-reaching, and people-centered set of universal and transformative goals and targets" with the goal of achieving them worldwide by 2030.12Education policy must be in line with national commitments to the 2030 Agenda for Sustainable Development and the Paris Agreement. Sustainable development education has the potential to support transformative learning and fundamental change. 13

This study explains the effectiveness of education in attaining long-term development. However, education simply promoting economic growth may result in an increase in unsustainable consumption patterns. Also, it focuses on education for sustainable development (ESD) as a well-established approach that empowers students to make informed decisions and take responsible actions for environmental integrity, economic viability, and just society for current and future generations. It also describes the goals of ESD as "developing competencies that empower

individuals to reflect on their own actions, taking into account their current and future social, cultural, economic, and environmental impacts, both locally and globally." 14

The purpose of this paper is to study the relationship between quality education and the SDGs, as well as to discuss different ways of quality education to help in the achievement of the SDGs. It is critical to comprehend the effects of high-quality education in order to comprehend the SDGs' goals and objectives. Researchers, planners, governmental and non-governmental organizations, and others working to achieve the SDGs by 2030 will find the current paper useful. Despite the SDGs are not legally binding on the government or other organizations, they are critical for the wellness of people, nations, and the world since it is important in the achievement of peace and prosperity. 15

3 Methodology:

Different studies on the significance of sustainable development and the effectiveness of quality education are focused on the concept of sustainable education and quality education, the role of quality education, the relation between education and sustainability, and the effectiveness of quality education on sustainable development. The researcher considered several studies and system rules for attaining sustainable development with the help of quality education and put some solutions that various researchers, planners, and governmental and non-governmental organizations used to deal with sustainability. Every government and the non-governmental group is concerned about society meeting its requirements without jeopardizing the well-being of future generations. Because the progress of society has a great impact on the sustainability of high-quality and advanced education. Sustainable development is the aspect of engaging in development activities where it is important for the economy to maintain environmental resources and services for survival.

The research is aimed to find out the effectiveness of quality education as well as sustainable development for society's progress. Apart from that, every human being can gain the knowledge and skills in addition to attitudes, and values that are a more essential part of shaping a sustainable future by the means of education for sustainable development. The study explains various terms and concepts related to the value enable education for the sustainable development of the society. Simply promoting economic or social growth through education may result in an increase in unsustainable consumption patterns. Also, the study focuses on how education for Sustainable Development (ESD) is a well-established approach that helps people to make informed decisions and take responsible actions for economic viability, environmental integrity, and society beneficial to current and future generations.

Findings:

The research on "Sustainable development concept and components" is focused on concepts and components of sustainable development which are generally used in society for exchanging thoughts. Also, the researcher found the most important piece of writing on sustainable development in "the publication by the world commission on environment and development (WCED) in 1987 titled our common future." The term sustainable development is often used as the marriage of economy and ecology, it is further explained for attaining economic freedom and development without compromising the balance of ecology. The necessity of sustainable development is also explained by the study as "curbing the environmental degradation, ensuring the safe human life, checking the exploitative technology and finding alternative sources, checking over wastage of natural resources, to the regeneration of renewable energy resources."

The researcher also finds that the concept of sustainable development based on principles like environmental and economic decision-making must be integrated with humans as environmental stewards are referred to as stewardship, responsibilities, accountability, and decision-making. These are all shared with mitigation and prevention, conservation, minimization of waste, productivity, competence, the quality of nature and human existence all being improved, reclamation and rehabilitation, and various scientific innovations. Furthermore, it is found that depending on the context and level of decision making, various components such as social component, economic

component, and environmental components are integrated with sustainable development. Along with the real concept of sustainable development, the researcher has also found and explained the need for Sustainable development, and the principles on which the concept of Sustainable development is based. 16

In this research paper, the researcher found that it is difficult to accept the concept of quality education. The sustainable development goals publications give qualitative education a new meaning that is separate from traditional education. 17 According to the study, it is underlined that the need for quality education is vital and indispensable for sustainability. It is also explained that to create a more sustainable world and interact with sustainability-related issues, an individual must become think likewise and must have the knowledge, values, and skills for the same. The author discussed here different ways to improve sustainable development outcomes with the help of quality education along with other ways to promote high-quality education in all societies across the globe including new learning policies and practices. Here, he has found out the importance of sustainable development is nothing but the total of different ways to get at a 'learning society,' in which people learn from one another and collectively become more capable of enduring setbacks to deal with sustainability-induced challenges and risks. 18

The researcher has found that basic education is important for a country's ability to develop and meet sustainability goals. She also discussed that various environmental factors like climate change, disaster risk reduction, poverty reduction, biodiversity, and sustainable consumption are just a few of the key sustainable development issues that must be addressed in education for sustainable development. In addition to that, this research paper has also discussed the three important areas in which education has a direct impact on the sustainability plans in implementation, decision making, and quality of life.19 Apart from that, she also discussed education for sustainable development and school curriculum. In the research paper on the importance of education for long-term development, it is found that education research and innovation for sustainable development is becoming a rapidly significant part of the whole educational system. 20 With the help of the World Commission on Environment and Development (WCED), researchers also discussed the meaning and concept of sustainable development in nearly every academic and non-academic atmosphere.

In this study, the researcher has analyzed the importance of education in achieving the SDGs and mentions that United Nations General Assembly adopted the 2030 Agenda for sustainable development and sustainable development goals (SDGs). These sustainable development goals are "a comprehensive, far-reaching, and people-centered collection of universal and transformative goals and targets," with the purpose of attaining them globally by 2030. 21

The study shows that there is an ultimate relationship between quality education and sustainable development goals, as well as states that quality education can help in attaining the sustainable development goals. It also found that Quality Education is highly effective in achieving different sustainable development goals. 22

4 Conclusion

The results of the study are not the limited definition of sustainable development and quality education but also include various concepts, components, and factors impacting sustainable development. Quality education for sustainable development incorporates key sustainable development issues into teaching and learning and necessitates participatory teaching and learning methods that motivate and empower learners to change their behavior while also promoting competencies such as critical thinking, imagining future scenarios, and collaborative decision-making.

The study identifies various factors that are useful for attaining sustainable development with the help of quality education. The gathered information during the survey process is secured and safe. There is a substantial link between quality education and sustainable development goals. Many studies conducted by various national and international organizations in relation to sustainable

development goals have revealed that high-quality education can have a significant impact on the planning, policymaking, and implementation of sustainable development goals.

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