

FORMING ECOLOGICAL, SOCIAL, AND GOVERNANCE SKILLS IN STUDENTS THROUGH THE INTEGRATION OF ESG PRINCIPLES INTO THE EDUCATION SYSTEM

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Abstract

Developing an ecological approach in the educational process, teaching energy efficiency improvement and implementation of ecological projects prepares students to take these issues seriously in the future. Through technological education, students not only gain knowledge about ecological problems but also acquire the opportunity to propose new solutions for sustainable development. The application of green technologies and teaching environmental protection principles helps not only maintain ecological sustainability but also ensure economic and social stability.

Keywords

openness, transparency, accountability, social responsibility, sustainable development, innovative approaches, green technology, ecological approach, ecological culture, ecological awareness.

The practical application of ESG principles in technological education between teachers and students has a significant impact on the development of the modern education system. ESG represents environmental, social, and governance principles, which should be applied at all stages of the educational process. Integrating these principles into education serves to develop social responsibility, sustainable development, and innovative approaches among teachers and students. This process not only improves the quality of education but also contributes to environmental protection, societal development, and governance improvement.

The environmental aspect of ESG principles requires increasing energy efficiency, reducing waste, and introducing green technologies at all stages of the educational process. Teachers should activate ecological education and teach students environmental responsibility. Developing an ecological approach in the

educational process, teaching energy efficiency improvement and implementation of ecological projects prepares students to take these issues seriously in the future. Through technological education, students gain knowledge about ecological problems and the opportunity to propose new solutions for sustainable development. The application of green technologies and teaching environmental protection principles helps not only maintain ecological sustainability but also ensure economic and social stability.

Introducing social principles into education is one of the main tasks of teachers. Developing social responsibility, applying principles of equality and inclusion is an important step toward ensuring social justice in society. Teachers should practically apply social justice and equality in their teaching methods, teaching students skills such as teamwork, respect for others, and intercultural cooperation. Additionally, teachers must create equal opportunities for all students through inclusive approaches. This approach, in turn, helps reduce inequalities in access to education for certain groups in society. Students strive to implement such approaches in their lives, which increases their social activity and responsibility.

Practical application of governance principles helps improve the efficiency of the education system. Teachers can implement governance through developing collaboration, introducing monitoring and control systems for the educational process. Students need to be taught to manage their activities, set goals, and measure successes against them. Digital technologies and online platforms provide new opportunities for education management. Teachers and students can study these opportunities and improve their knowledge and skills. Effective governance increases the sustainability of the education system and helps improve its quality.

Practical application of ESG principles in the educational process creates broad opportunities for students. They learn not only ecological and social responsibility but also master governance systems. This influences their future professional activities. Students can activate themselves in applying new technologies, finding solutions to societal problems, and improving governance. Moreover, they should participate in creating new ESG-based projects and motivate others. Such projects can be aimed at developing environmentally friendly technologies, increasing social responsibility, and improving governance.

Thus, integrating ESG principles into education helps not only enhance the scientific and practical knowledge of teachers and students but also, through them, develop society, ensure ecological sustainability, and improve governance. This approach makes the education system more effective, fair, and sustainable. Today, the integration of ESG principles into the education system is important not only for strengthening environmental, social, and governance aspects but also for

increasing the efficiency of the educational process and ensuring the sustainable development of educational institutions. ESG principles not only improve students' scientific activities but also increase their social responsibility, ensure ecological sustainability, and help organize effective governance. Applying these principles in the education system is of great importance for renewing the education sector on a global scale and adapting to global development processes.

Firstly, the integration of ESG principles into the education system contributes to forming ecological awareness, rational use of resources, waste reduction, and energy efficiency improvement. Teaching students environmental protection, finding solutions to ecological problems, and developing green technologies not only enhances their scientific potential but also teaches ecological responsibility. Introducing ecological approaches and green technologies in educational institutions contributes to developing ecological culture in society.

Secondly, from a social perspective, ESG principles create opportunities for ensuring justice in society, developing equality, and applying inclusive education. Creating equal opportunities in the educational process and providing equal rights to students under any conditions helps increase social justice in society. Teachers should form students as active citizens through developing social responsibility and teach them to be socially responsible. Such an education system, in turn, serves to ensure sustainable development and a just future for all members of society. Thirdly, governance principles help effectively manage the education system and improve its quality. Introducing effective governance systems in educational institutions, controlling and monitoring educational processes, as well as increasing students' learning efficiency help apply ESG principles. Using digital technologies in the educational process enables students to manage their activities and continuously improve the educational process.

Furthermore, the integration of ESG principles into the education system equips students with the skills necessary for active participation in future society. They learn not only ecological and social responsibility but also the application of governance, innovations, and the search for new methods of sustainable development. This approach increases the effectiveness of the education system and strengthens students' scientific and practical knowledge. Integrating ESG principles into the education system creates a system aimed not only at scientific preparation of students but also at developing their social and ecological responsibility and improving governance. This process ensures more sustainable, transparent, and effective operation of the education system. ESG principles shape students as successful and responsible citizens of the future who will contribute to ensuring ecological, social, and economic sustainability in society. In the process of

integrating ESG principles into the education system, it is necessary to train teachers and regularly update their knowledge. Educational programs should focus on ecological, social, and governance issues, teaching students practical skills in these areas. Educational institutions need to take practical measures to apply green technologies, increase energy efficiency, and reduce waste. Special attention should be paid to ensuring social justice and equality, and developing inclusive education. Educational institutions must ensure governance transparency, monitor all processes, and take systematic measures to improve them. In conclusion, integrating ESG principles into the education system helps form ecological, social, and governance skills in students and create new opportunities for sustainable development. This process serves to adapt the education sector to global development and build a sustainable and innovative future.

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