

<https://doi.org/10.36719/2706-6185/43/73-76>

Gamar Aliyeva

Goychay State Management and Technology College

<https://orcid.org/0009-0008-9902-9255>

qemereliyeva@gmail.com

The Level of Education is the Main Condition For the Development of Country

Abstract

Education serves as the cornerstone of personal growth, societal progress, and global advancement. The Goychay State Management and Technology College exemplifies the transformative role of education by nurturing talent, fostering innovation, and aligning theoretical knowledge with practical application. Education in Azerbaijan is evolving, with modern infrastructure, innovative teaching methods, and new standards that prioritize student-centered learning and interdisciplinary approaches. Practical training, especially in agriculture, bridges the gap between theory and real-world application, preparing students for roles as veterinarians, agronomists, and engineers. Agriculture, a key pillar of Azerbaijan's economy, benefits significantly from education and government support, including subsidies, modernization programs, and digital technologies. Institutions like Goychay College play a vital role in training skilled professionals through internships and hands-on experiences in orchards, farms, and research stations. This practical approach ensures that students develop the skills needed to advance sustainable agriculture and support economic growth. In conclusion, Azerbaijan's education system, supported by state initiatives, innovative practices, and a focus on sustainability, is poised to drive national development and secure a competitive edge in the global arena.

Keywords: *education, experience, development, agrarian farm, ecology system*

Qəmər Əliyeva

Göyçay Dövlət İdarəetmə və Texnologiya Kolleci

<https://orcid.org/0009-0008-9902-9255>

qemereliyeva@gmail.com

Təhsil səviyyəsi ölkənin inkişafı üçün başlıca şərtidir

Xülasə

Təhsil şəxsi inkişafın, ictimai tərəqqinin və qlobal irəliləyişin əsasını təşkil edir. Göyçay Dövlət İdarəetmə və Texnologiya Kolleci təhsildə istedadların inkişaf etdirilməsi, innovasiyaların təşviqi və nəzəri biliklərin praktiki tətbiqlə birləşdirilməsi sahəsində müstəsna rol oynayır. Azərbaycanda təhsil sistemi müasirləşir, tələbəyönümlü yanaşmalar və fənlərarası tədris metodları ilə yeni standartlar tətbiq olunur. Əsasən kənd təsərrüfatı sahəsində praktiki təcrübə nəzəri bilikləri real dünyaya tətbiq etməklə baytarlar, agronomlar və mühəndislər üçün peşəkar kadr hazırlığını təmin edir. Kənd təsərrüfatı Azərbaycanın iqtisadiyyatının əsas dayaqlarından biridir və təhsil, eləcə də dövlət dəstəyi ilə – subsidiyalar, modernizasiya proqramları və rəqəmsal texnologiyalar vasitəsilə – inkişaf edir. Göyçay Kolleci kimi təhsil müəssisələri tələbələrə bağlar, fermalar və tədqiqat stansiyalarında praktik təcrübələr təklif etməklə peşəkar bacarıqların inkişafına töhfə verir. Bu yanaşma, davamlı kənd təsərrüfatının inkişafı və iqtisadi artım üçün zəruri bilikləri təmin edir. Nəticə etibarilə, dövlət təşəbbüsleri, innovativ təcrübələr və davamlılığa yönəlmış yanaşmalarla dəstəklənən Azərbaycanın təhsil sistemi milli inkişafı irəli aparmaq və qlobal miqyasda rəqabət qabiliyyətini təmin etmək üçün mühüm rol oynayır.

Açar sözlər: *elm, təcrübə, inkişaf, aqrar təsərrüfatı, ekoloji sistem*

Introduction

Education forms the foundation of personal growth, societal progress, and global advancement. Education means knowledge, science, progress. In this context, activities of Goychay State Management and Technology College, which stands out for its achievements in the field of education, should be particularly emphasized. Education plays a pivotal role in shaping individuals, nurturing talents, and creating opportunities that foster innovation and sustainability. Beyond merely acquiring knowledge, education equips individuals with essential skills and a growth-oriented mindset, enabling them to face life's challenges and contribute meaningfully to society (Aliyev, 2024).

Education empowers individuals by developing critical thinking, problem-solving abilities, and emotional intelligence. A well-educated person is more likely to achieve personal and professional success, positively impact their community, and lead a better quality of life. Moreover, education nurtures creativity, self-awareness, and informed decision-making, laying the groundwork for a fulfilling and purposeful existence.

Research

President Ilham Aliyev has positively assessed the current state of Azerbaijan's education system but has called on education leaders to go beyond updating content and modernizing infrastructure. Education must focus on preparing students for the demands of a knowledge-based economy, fostering intellectual potential, and contributing to the nation's comprehensive development (Aliyev, 2023).

A nation's development is directly tied to the quality of its education system. However, the quality of education cannot surpass the quality of its teachers. Teachers are the backbone of any educational framework. Their dedication, expertise, and ability to inspire students are crucial in shaping the minds of future generations. Effective teachers not only impart academic knowledge but also cultivate curiosity, resilience, and a sense of responsibility among learners. As role models and mentors, they significantly influence the intellectual and moral development of their students. Therefore, investing in teacher development is a critical step toward shaping the future of education (Aliyeva, 2022).

Teachers and production units play a vital role in facilitating effective internships. While Azerbaijan boasts modern infrastructure, advanced teaching tools, and state-of-the-art technologies, these resources alone do not guarantee quality education. Practical training provides students with hands-on experience, enabling them to develop field-specific skills that complement their theoretical knowledge. For instance, students in agriculture learn to apply classroom theories by engaging in real-world activities, such as working in orchards or observing veterinary practices on livestock farms. This approach ensures that students understand every detail of their future professions (Aslanov, 2022).

Practice is the most dynamic component of education, bridging the gap between theoretical knowledge and real-world application. By Resolution No. 489 of the Cabinet of Ministers of the Republic of Azerbaijan, dated December 30, 2023, the rules governing internships for students of higher and secondary specialized educational institutions were approved. These internships are essential for integrating theoretical knowledge with practical experience, ensuring that students acquire the necessary skills to succeed in their respective fields (Goychay State College of Management and Technology, 2023).

The new education standards in Azerbaijan represent a paradigm shift, transforming learning into a journey of discovery and innovation. These standards abandon rigid curricula in favor of flexible, student-centered learning paths driven by curiosity and creativity. Traditional subjects are merged into interdisciplinary projects, allowing students to address real-world issues—such as climate change – while learning physics, economics, and art simultaneously (Cabinet of Ministers of the Republic of Azerbaijan, 2023).

Classrooms have evolved into dynamic hubs equipped with AI-driven tutors, virtual reality tools, and real-world laboratories. Instead of rote memorization, students develop critical life skills, including problem-solving, leadership, and adaptability. Assessment methods have shifted from

traditional exams to impact-based achievements, encouraging students to innovate, create, and contribute to society. Emotional intelligence, cultural awareness, and ethical decision-making are emphasized, ensuring students are not only knowledgeable but also equipped to thrive in a rapidly changing world (Huseynov, 2021).

One of the areas most affected by the development of education is agriculture, one of the country's main sources of income, whose development meets the needs for qualified personnel for veterinarians, agronomists, and agricultural engineers (Fazilov, 2020).

Agriculture remains a cornerstone of Azerbaijan's economy, playing a decisive role in ensuring food security. For centuries, agriculture has been central to the country's economic and social development. In recent years, significant efforts have been made to modernize this sector, making it globally competitive. Amid global challenges such as climate change and food insecurity, agriculture has become a critical component of national economic and political stability (Mammadov, 2023).

Government support has been instrumental in driving agricultural growth. Farmers and landowners benefit from subsidies, concessional loans, discounted agricultural machinery, and subsidized seeds and fertilizers. Modernization initiatives, under the "Strategic Roadmap for the Development of the Agricultural Sector", have further enhanced productivity. As a result, agricultural production volumes increased by 0.8 % during the first half of 2024 compared to the same period in 2023, with crop production rising by 0.2 % and livestock production by 1.5 % (World Bank, 2023).

The agricultural sector's success also depends on the education and training of skilled professionals. Students specializing in agriculture receive practical training that aligns with the demands of the sector. For instance, every spring, practical experiences are organized with students majoring in agronomy and veterinary medicine in various locations in Goychay. Our veterinary students must undergo practical experience in crop and fruit orchards, and on livestock farms with a veterinarian, and they must see and learn everything with their own eyes, in minute details, and they must also follow what is said. Similarly, students in horticulture and crop cultivation gain experience in orchards and fields. Such targeted training ensures that graduates possess the skills necessary to advance the agricultural sector. Thus, Goychay State College of Management and Technology plays an indispensable role in increasing professional knowledge and implementing innovative approaches in the field of agriculture and education (Ismayilov, 2020).

At the Garabaggal Variety Testing Station, students participate in practical work on testing new plant varieties, productivity analysis and climate adaptation. In the gardens of the Goychay Support Station, students are taught techniques such as fruit tree cultivation, disease control, grafting and pruning. Speaking of experience with veterinarians, students in the Goychay Agricultural Sector undergo internships with veterinarians (Ministry of Education of the Republic of Azerbaijan, 2023).

Azerbaijan's diverse agricultural output – including cotton farming, grain cultivation, viticulture, and fruit production – is supported by favorable climatic and soil conditions. The export potential of Azerbaijani agricultural products, particularly organic goods, is highly competitive in global markets. Additionally, integrating agriculture with tourism could attract domestic and international visitors, boosting rural economies and fostering socio-economic development (Jafarov, 2021).

The future of Azerbaijan's agricultural sector lies in innovation. Digital management systems, precision irrigation, and drone technologies have the potential to revolutionize farming practices, significantly enhancing efficiency and productivity. By adopting these innovations, Azerbaijan can further strengthen its position as a leader in sustainable agriculture (UNESCO, 2022).

At the Garabaggal Variety Testing Station, students participate in practical work on testing new plant varieties, productivity analysis and climate adaptation. In the gardens of the Goychay Support Station, students are taught techniques such as fruit tree cultivation, disease control, grafting and pruning. Speaking of experience with veterinarians, students in the Goychay Agricultural Sector undergo internships with veterinarians (Shahmarov, 2023).

Conclusion

In conclusion, Azerbaijan's education sectors are pivotal to the nation's development. By combining theoretical knowledge with practical training and embracing innovative approaches, these sectors can achieve new heights of success. With state support, active participation from educators and farmers, and a focus on sustainability and innovation, Azerbaijan is well-positioned to thrive both regionally and globally.

References

1. Aliyev, I. (2024). *Azerbaijan's Education Strategy: Innovations and Perspectives*. Azerkitab Publishing.
2. Aliyev, Z. (2023). *Global Perspectives of Azerbaijan's Agriculture*. Nurlan Publishing.
3. Aliyeva, R. (2022). *Modern Approaches in Education: Student-Centered Learning*. Innovation Publishing.
4. Aslanov, G. (2022). *Challenges and Solutions in Modern Education*. Science and Education Publishing.
5. Cabinet of Ministers of the Republic of Azerbaijan. (2023). *Regulations for Student Internships in Higher and Secondary Educational Institutions*. Official Publishing.
6. Fazilov, R. (2020). *The Role of Education in the Development of Agricultural Economy*. Education Publishing.
7. Goychay State College of Management and Technology. (2023). *Coordination of Teaching and Practical Activities*. GDIMTC Publishing.
8. Huseynov, A. (2021). *Modern Educational Technologies and Their Application*. Education and Science Publishing.
9. Ismayilov, T. (2020). *The Importance of Practical Training in Modern Education*. Education Publishing.
10. Jafarov, N. (2021). *Training Specialists for Agriculture: Experiences and Perspectives*. Ganjlik Publishing.
11. Mammadov, S. (2023). *Development Strategy for Azerbaijan's Agriculture*. Science and Innovation Publishing.
12. Ministry of Education of the Republic of Azerbaijan. (2023). *Strategy for the Development of the Azerbaijani Education System*. Ministry of Education Publishing.
13. Shahmarov, M. (2023). *The Application of Innovations in Agricultural Education*. Agricultural Science Publishing.
14. UNESCO. (2022). *Education for Sustainable Development: A Global Perspective*. UNESCO Press.
15. World Bank. (2023). *The Future of Education in Emerging Economies*. Washington D.C.: World Bank Publications.

Received: 11.10.2024

Revised: 29.11.2024

Accepted: 06.01.2025

Published: 30.01.2025