

**Management of education in Azerbaijan
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Abstract: The management of education in Azerbaijan encompasses all aspects of strategic planning and organization in the field of education within the country. This source includes various measures and processes aimed at effectively managing the education system in the country. The management of education is implemented at multiple levels, including internal and external education composition, institution management, coordination among institutions, program provision, student supervision and assessment, and the application of education technologies. The management of education in Azerbaijan is based on directives set by the state, such as the National Education Strategy and State Education Standards. These strategic documents aim to improve the quality of education, enhance students' skills, and contribute to the country's development. In the education management process, institutions established by the state, such as the Ministry of Education, higher education institutions, secondary education institutions, and vocational training organizations and universities, have authority. These organizations monitor the quality of education, ensure consistency among institutions, develop education programs, and promote student development. The field of education management in Azerbaijan is constantly evolving and open to innovations. The focus is on enhancing the quality of education in the country, providing students with broader opportunities, and developing an education system that meets international standards.

Key words: Ministry of Education, Education policy, School system, University education, Teaching process, Student selection, Teacher appointment, Information technologies, Education quality, Scientific research, Education innovations.

1. INTRODUCTION

Main aspects of education management in Azerbaijan:

1. **Centralized Organization:** The Ministry of Education of Azerbaijan constitutes the basis of centralized organization. This ministry is responsible for shaping education policies, determining programs, and overseeing the general management of educational institutions.
2. **Education System:** The education system encompasses primary education (schools), secondary education (colleges), higher education (universities), and vocational education (training centers). It includes transition rules between these levels and the selection of education paths for students.
3. **State Standards and Programs:** State standards and education programs determined by the Ministry of Education

regulate the education process in educational institutions. These standards and programs help ensure consistency and quality education across institutions.

4. **Teacher Preparation:** It is essential to prepare and improve teachers to provide quality education in educational institutions. Teachers play a fundamental role in ensuring the quality of education and maximizing the benefits of the learning process for students.
5. **Assessment of Students:** The process of assessing students' knowledge and skills plays a crucial role in measuring the effectiveness of education. Institutions evaluate students' learning through exams, tests, and projects, confirming the quality of graduates' education.

Central Organization: In the Republic of Azerbaijan, the management of education is primarily based on central organization through the Ministry of Education

of Azerbaijan. This central organization establishes a framework for strategic planning and organization of education in the country. This central institution ensures coordination and supervision of measures, projects, and development directions in the education sector. The Ministry of Education of Azerbaijan plays a leading role in the formulation and implementation of the country's education policy. This ministry prepares strategic plans and coordinates the activities of executive bodies in the education sector to achieve the goals set by the state in an effective manner. The Ministry of Education monitors the development of the education system and plans measures to improve the quality of education. Within this framework, it determines the curriculum, programs, and standards at various levels of education. It also provides guidance for the introduction of innovations in educational materials, technologies, and teaching methods. The Ministry of Education of Azerbaijan ensures effective communication and supervision between educational institutions and students. It organizes various training and support programs for students to maximize their benefits from the education process. Through central organization, effective communication across all areas of education nationwide and better supervision of students is achieved. This central organizational model enables Azerbaijan to implement its strategic planning, organization, and control of the education sector more efficiently and effectively. Therefore, the Ministry of Education of Azerbaijan plays a crucial organizational role in developing and improving the quality of the country's education system.

2. Education System: Primary, Secondary, Higher, and Vocational Education in Azerbaijan

The education system in Azerbaijan has an organized structure covering different levels. This education system combines primary education, secondary education, higher education, and vocational education within itself.

- ⇒ Primary education level ensures that children receive education during their school years. During this period, students learn the most fundamental knowledge, skills, and societal topics. Primary education is the most common and fundamental education level in the country, and all citizens have the right to education at this level.
- ⇒ Secondary education follows primary education and provides students with more specific and modern knowledge. Schools operate at this level, catering to students specializing in different fields. During this period, students acquire broader skills in various subjects, arts, and sports fields.

Table 1. State Standards and Programs

- ⇒ Higher education ensures the academic and scientific development of students through universities. Universities offer education opportunities in various fields, allowing students to delve deeper and extensively into a specific area. Education at this level directs students towards a more specific career path.
- ⇒ Vocational education is provided by training centers for practical skills and professional fields. This education level prepares students to learn a specific profession and provides them with practical work experience.

All these education levels combine to form the education system of the Republic of Azerbaijan and provide citizens with opportunities to receive education in various fields. These four levels constitute a rich and diverse spectrum of education in the country.

3. State Standards and Programs: In Azerbaijan, State Standards and Programs play a significant role in the administration of education.

These standards and programs help ensure the fair and effective implementation of the education process in educational institutions.

- State Standards set minimum requirements to ensure the quality of education in educational institutions. These requirements aim to assist institutions in developing education programs and successfully educating students. The education content determined by State Standards enables the clear and understandable designation of programs and teaching materials.
- Education Programs are structured plans that provide students with essential knowledge and skills to be learned during the education period. These programs combine specified content and teaching methods for each education level, ensuring that students acquire the necessary knowledge, products, and skills to respond to various situations in specific fields.

State Standards and Programs aim to provide equal and inclusive education in the education system. This ensures that different student groups in various education levels and institutions receive education based on the same standards.

Below, Table 1 provides detailed information about state standards and programs in Azerbaijan's education sector:

Category	Description
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State Educational Standards	These standards determine the content and skills that students will learn at various educational levels (school, college, university, etc.).
Teacher Assignment Standards	These standards define the requirements and skills that teachers working in educational institutions must possess.
Professional Development Standards	These standards specify the knowledge, skills, and experience necessary for professional development. They are applied to individuals working in various fields.
Education Programs	These are education plans organized by institutions. These programs determine the subjects, courses, and curriculum that students will learn.
Student Direction Programs	These documents plan the implementation of education for students. These programs specify the content and experience that students will acquire.
Education Institutions' Programs	These are education programs prepared by institutions. These programs determine the subjects and teaching methods taught in the institution.
Professional Education Programs	These are programs organized in various fields for professional development and education. These programs ensure the development of professional skills and knowledge.
Education Development Programs	These are programs that support the development of specialized education professionals, teachers, and administrators in the education field.

These state standards and programs ensure the effective organization and development of education within the framework of standards and requirements determined by the state in the field of education. These standards and programs aim to provide students and stakeholders in the education sector with higher quality education and development opportunities. Teacher Preparation - In Azerbaijan, the preparation of teachers constitutes one of the key factors for the effective and quality implementation of the education system. Teacher preparation is the foundation for establishing an education system capable of ensuring students' development, applying innovative teaching

methods and technologies, and enhancing the quality of education.

The process of teacher preparation is determined in a manner that aligns with modern regulations and standards in the education sector.

This process reflects the training of educational personnel at a level that will ensure better understanding of instructional and methodological aspects of education by students. This is implemented at various levels from educational institutions to universities.

Teacher preparation may include various training programs aimed at providing teachers with innovative teaching methods, technologies, and materials for education. These programs provide practical information such as effective teaching strategies, nuances of preparing interactive lessons, methods, and technologies for individual approach among students.

The process of teacher preparation encompasses the development of both pedagogical skills and the excellent application of teaching technologies. It is a developmental and improvement process conducted with the aim of providing students with better educational opportunities and maximizing students' individual potential. Table 2 describes different training and development methods used for the preparation of teachers in Azerbaijan. These methods help enhance teachers' pedagogical skills, broaden student experiences, and gain international exposure.

Assessment of Students: One of the most crucial parts of the Azerbaijani education system is the assessment of students. This process is carried out to measure and evaluate students' progress in the educational and learning process. Student assessment is an important tool for understanding their learning, developing their skills, and evaluating the effectiveness of educational programs. Within the framework of the Azerbaijani education system, student assessment is implemented using various methods and tools.

Table 2. Application of training and development methods for teacher preparation.

Aspect	Description	Source
Teacher Preparation	Provided through Education and Professional Development Committees, Teacher Training Centers	Ministry of Education
Training and Development Programs	Offered by Teacher Training Centers on pedagogy, methodology, and job execution issues	Teacher Training Centers
Student Experience	Obtained through student practice and working in various education centers, helps develop skills	Various Education Centers
Support from Ministry of Education	Assists in training teachers on pedagogical methods, teaching techniques, and technologies	Ministry of Education
Student Internship Experience	Obtained by teachers working with different students and schools	Various Education Centers
Professional Training and Certification Programs	Long-term education programs that ensure the development of pedagogical skills	Teacher Training Centers

International Experience Exchange	Teachers gain international experience through international programs and exchange projects	International Programs
Online Training Resources	Provides easy access to training resources via the internet and technology	Online Platforms or Resources

These include written and oral exams, projects, laboratory work, research projects, training assignments, etc. These methods are used to compare and evaluate students' progress in various skills and knowledge areas. Student assessment plays a significant role in evaluating the quality of education provided to students by educational institutions and in restructuring educational programs. This process serves as an important source of information for measuring students' knowledge in subjects and evaluating their progress. Student assessment should be carried out objectively and fairly. This helps better understand students' potentials and skills. Objectivity, transparent stages, and clarity of evaluation criteria play a key role in student

2. CONCLUSION

The management of education in Azerbaijan has undergone significant developments and changes in recent years. These changes include the improvement of education structures, restructuring teacher training, integration of technologies into the education sector, and raising standards in higher education institutions. The main stages of education in Azerbaijan are general education, secondary education, and higher education. General education is the fundamental stage, providing education opportunities to students from an early age. Secondary education is a preparatory stage involving education in literature, mathematics, and science circles. Higher education encompasses students who have gained admission to universities. In recent years, with the increased integration of technologies into education, online teaching, electronic libraries, interactive education platforms, and other technological tools are widely used in the education process.

This provides students with broader information and teaching opportunities. Higher education institutions strive to provide education in line with international standards to enhance the quality of education in the country. This helps in the international recognition of diplomas held by students. Overall, the management of education in Azerbaijan has evolved and developed in recent years in an open format for innovations. This contributes to the country's prospects in the field of education.

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