Methodology for organizing and conducting the first stage of experimental work to determine the socialization of student athletes with disabilities

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Abstract

This article discusses the integration of student-athletes with disabilities into society via reading. It analyses the indicators of socialisation at the beginning of the study (Social adaptability, social activeness, independence, moral education). The practical recommendations are given on the use of traditional and modern pedagogical technologies to ensure continuity and consistency in the education content of student-athletes with disabilities, preparing them for social life.

Conclusion: The first step in achieving this is to examine and evaluate the Olympic and Paralympic sports training centres' work procedures, cultural and educational action plans, regulatory documents, library activities, "class hour" schedules, and other directive documents. This analysis should guide the organisation of theoretical and scientific research as well as the implementation of strategies and tools for integrating student-athletes with disabilities into society through reading. For this reason, it is also crucial to create the required proposals and recommendations.

Keywords: people with disabilities, student-athletes, social adaptability, social activeness, social independ-encey, moral education, pedagogy.

Introduction

Large-scale efforts are made in Uzbekistan to guarantee the participation of individuals with disabilities in international sports events, establish the circumstances required to participate in sports, and offer them government assistance. Specifically, efforts have been made to enhance the social protection system for people with disabilities, boost the efficiency of professional, social, and medical rehabilitation, and broaden their social inclusion. Priority duties have been established to ensure the social assistance of people with disabilities, have their role in society and to guarantee the integration of social and physical adaptation.

The National Olympic Committee of Uzbekistan, the National Paralympic Committee of Uzbekistan, and sports federations (associations) closely assist training centres for Olympic and Paralympic sports in identifying, selecting, and recruiting talented youth from the regions. Currently, 15 Olympic and Paralympic sports training centres operate in the republic, where more than 400 athletes with disabilities are studying. 186 are members of the national sports team. In these sports educational institutions, it is advisable to train athletes with disabilities based on inclusive education. In particular, it is required to create a barrier-free, adapted educational environment with the involvement of special educators through the use of special tools and methods in the centre for para-athletes, ensuring their effective adaptation to society and providing quality education that serves their full integration.

The science, education, culture, and sports are researched as objects of scientific research by various fields. In particular, scientific research was conducted in pedagogy, psychology, philosophy, sociology, history, and several other fields, and theoretical ideas were put forward.

In particular, in our republic, scientists as D.Nasriddinova, Z.Saliyeva, M.Kuronov, N.Ismatova, N.Egamberdiyeva studied socialisation and its categories, A.Zunnunov, R.Djurayev, R.Mavlyanova, O.Musurmanova, Z.Nishonova, R.Samarov, N.Soginov, E.Usmanov, M.Utepbergenov, Y.Shaamirova, K.Shoniyozov, G.Shoumarov, S.Zokhidova studied the issues of developing the pedagogical possibilities of socialisation, F.Mustafayeva, Z.Kurbonniyozova studied the pedagogical foundations of social education, socialisation of the individual, and the pedagogical foundations of personal and professional socialisation are reflected in the research works of such scientists as D.Begmatova, Zh.Ibragimov, M.Zhuraev, D.Miralieva.

Scientists of the Commonwealth of Independent States (CIS) I.Kon, A.Mudrik, V.Efroimson, R.Nemov, I.Sukhin, I.Sheglov, S.Ayvazova, T.Andreeva, M.Baskakova, V.Bodrov, A.Gross, T.Gurko, I.Kalabikhina, I.Dementeva, A.Demidov, G.Kantemirova, L.Lunyakova researched the organization of the

development of pedagogical possibilities of individual socialization. V.Dashichev, A.Vakhramiev, E.Anufriyeva, V.Kostyukevich, A.Sheglov, N.Astafeva, S.Vershlovsky, V.Zborovsky, Yu.Kulyutkin, L.Lesokhina highlighted various aspects of youth socialisation.

Problems of socialisation have been studied by foreign scientists in sociology, pedagogy, psychology, and medicine. In particular, the study of the process of individual socialisation is encountered in the scientific works of famous foreign scientists as E.Dyurkxeym, T.Parsons, K.Mankgeym, V.Styuart, V.Thomas, Z.Freud. F.Giddings, Z.Freud, J.Jean, A.Adler, L.Kohlberg, A.Kennedy, D.Kerber, E.Durkheim, T.Parsons identifying the pedagogical possibilities of socialisation.

According to the analysis of the literature, some aspects of the socialization process have been revealed by scholars who have worked in different periods, however, the issue of improving the socio-pedagogical conditions for the integration of student-athletes with disabilities into society through reading has been overlooked, and it has been established that no scientific research has been conducted on this topic.

Methods

The Constitution of the Republic of Uzbekistan, the Laws of the Republic of Uzbekistan "On the Rights of People with Disabilities", "On Physical Culture and Sports", "On Information and Library Activities", as well as the Decree of the President of the Republic of Uzbekistan dated December 1, 2017 UP-5270 "On Measures for the Fundamental Improvement of the System of State Support for People with Disabilities", Resolutions of the President of the Republic of Uzbekistan PP-5114 dated May 18, 2024, "On Additional Measures for the Development of the Paralympic Movement", PP-389 dated November 8, 2024 "On Additional Measures to Improve the System of Physical Rehabilitation of People with Disabilities by involving to Sports", Resolution of the Cabinet of Ministers of the Republic of Uzbekistan No. 638 dated October 12, 2021 "On Approving Regulatory Legal Acts on the Education of Children with Special Educational Needs", and Resolution No. 731 of December 30, 2022 "On Measures to Organise the Activities of Training Centers for Olympic and Paralympic Sports" serve as the legal basis for the research work. Also, the methodology of this research work consists of scientific-methodological and other sources of domestic and foreign scientists on the topic.

Table. Socialisation indicators of student-athletes with disabilities at the beginning of the

№	Socialisation indicators	Experimental group (n=53)			Control group (n=53)		
		$\bar{X}$	s	V, %	$\bar{X}$	s	V, %
1.	Social adaptability	3,15	0,49	15,61	3,19	0,55	17,26
2.	Social activeness	3,12	0,53	17,11	3,10	0,55	17,70
3.	Social independency	2,99	0,59	19,70	2,95	0,57	19,40
4.	Modal education	3,12	0,53	17,00	3,14	0,58	18,60

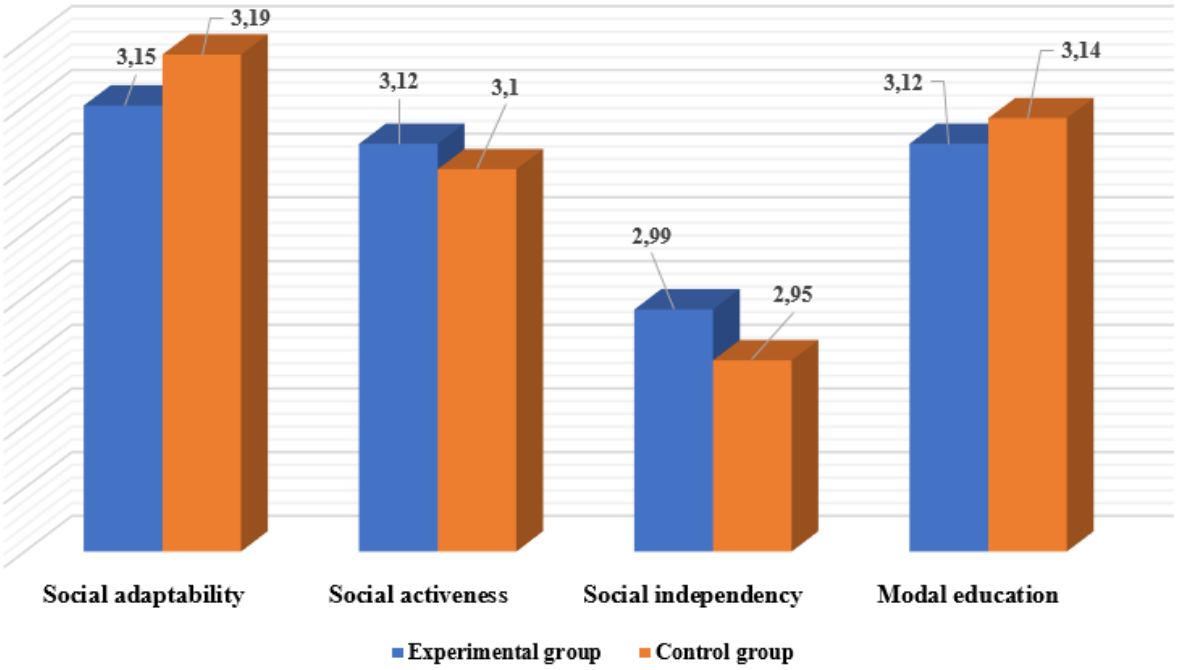
Questionnaires, interviews, pedagogical observation, questions and answers, theoretical analysis, analysis and synthesis, and mathematical-statistical analysis were used to conduct the research.

Results and discussion

Initially, about 200 people with disabilities were involved in scientific research. For the research work, 106 student-athletes with disabilities (including 53 in the experimental group and 53 in the control group), studying at the Chirchik, Namangan, and Fergana Olympic and Paralympic Sports Training Centers were selected. The average age of the participants in the study was 19-20 years, and 36 participants (or 34%) were members of the national team in Paralympic sports.

According to the disease nosology, the primary participants in the experimental and control groups had musculoskeletal problems. Four criteria — the arithmetic mean, the average deviation, and the coefficient of variation — were established based on the outcomes of control tests on measures of social adaptability, social activity, independence (dependence), and moral education to assess the degree of socialisation of a student-athlete with

Fig. Socialization indicators of a student-athlete with disabilities at the beginning of the research (n=106)



a disability in the experimental and control groups (see table):

At the start of the study, a comparative analysis revealed that there was no statistically significant difference between the experimental and control groups in any of the socialisation components (P>0,05).

According to the above results, the level of social adaptability in the experimental group was 3,15 (±0,49), while in the control group, this indicator was 3,19 (±0,55). Social activeness in the experimental group was 3,12 (±0,53), whereas in the control group this ratio was 3,10 (±0,55). The level of social independence, or rather dependency, was recorded at 2,99 (±0,59) in the experimental group, while in the control group this indicator was 2,95 (±0,57). The measure of moral upbringing in the experimental group was equal to 3,12 (±0,53), while in the control group it constituted 3,14 (±0,58) (see graphic):

Although there are minimal differences in these indicators, they are not statistically significant. The t-value ranged from 0,10 to –0,23, which is represented by the P>0,05 indicator. The above results demonstrated that there was no significant difference between the socialisation levels of the two groups at the beginning of the study.

Conclusion

Reading is one of the primary means of human socialisation, and through the cultivation of a reading culture, it serves as the main factor in shaping the morality, spirituality, creativity, and independent development of the younger generation in a rapidly evolving information society. Through reading, a socially beneficial individual achieves personal growth, resulting in an improved social climate and the formation of tolerance within society. The development of one's worldview, level of education, and emotional and intellectual growth is achieved solely through reading. From this perspective, the aim is to conduct scientific research on the socio-pedagogical foundations of integrating student-athletes with disabilities into society through reading.

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