

## VIEWS OF SCIENTIFIC KNOWLEDGE OF EASTERN THINKERS

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### ANNOTATION

This article shows that the thinkers of the Renaissance, their scientific activity, the symbol of creativity and inventiveness in science are the power of inspiration and pride for scientists and researchers of our time. The wisdom of Eastern thinkers about science is attached. It was decided to study the universal and spiritual and moral principles mentioned in the "Holy Qur'an" and "Hadith Sharif"

**Keyword:** universal human value, spiritual and moral value, education, pedagogical thinking, scientific activity, creativity, scientific knowledge, mathematics, creativity.

Solving the problems of educating a perfect person in our republic, creatively approaching the issues of improving the moral and moral education of specialists in the context of the implementation of the "National Personnel Training Program", take and create the possibility of forming educational content and national ideology, solve the problems of further development of the system of continuous education, create a base for the formation of pedagogical thinking of future specialists, to convey the content of the ability of pedagogical thinking, to make appropriate decisions based on pedagogical laws and principles of education, scientists al-Farabi, al-Fargani, al-Khwarizmi, Beruni, Ibn Sina, A. Navoi, Abdullah Avloni, Jan Amos Comenius, I. Herbart, I.G. Pestalozzi, D. Dewey and other thinkers about education, universal values and, is to study the universal and spiritual and moral principles mentioned in the "Holy Quran" and "Sharif Hadith".

### INTRODUCTION

In Uzbekistan, which is the birthplace of great thinkers, scientists and saints, special attention is paid to the restoration and development of the good traditions and customs of our people, the improvement of holy places and monuments, the upbringing of the younger generation in the spirit of respect for our rich history, patriotism and humanity. Renaissance thinkers such as Khorezmi, Abu Nasr Farabi, Abu Raykhan Beruni, Abu Ali Ibn Sina, Mrza Ulugbek, leading scholars of Sufism such as Al-Bukhari, At-Tirmizi, Najmuddin Kubro, Ahmed Yassawi, Bahauddin Naqshband, Lutfi, Yusuf Khos Scholars such as Hajib, Navoi, Babur, Bedil, Mashrab, who artistically interpreted and explored the humanities, created many aspects of scientific knowledge.

### THE MAIN FINDINGS AND RESULTS

First of all, their scientific activity, a symbol of creativity and ingenuity in science, is a source of inspiration and pride for scientists and researchers of our time. Mathematization of pedagogical research is an urgent problem of our time. At the time Al. Khorezmi's works are

proof of our idea that the mathematization of didactics, scientific knowledge in the language of mathematics serves science in the language of algorithms. The works of Abu Rayhan al-Biruni (973-1048) serve as an example of comparison, comparison of facts, generalization of results and a thought experiment in his teaching on scientific knowledge. A thought experiment comparing predicting the existence of America to mapping cities on Earth.

The methodological problems of scientific knowledge are expressed in about a hundred works of Abu Ali ibn Sina. His philosophical encyclopedias "Justice", "Eastern Philosophy", "Good Science and Sin" have not reached us. In the works "Donishnoma" (Knowledge) and "Laws of Medicine", related to education, such methods of cognition as emotional cognition, sensations, internal sensations, external sensations, memory, imagination, thinking, experience are described and summarized in practice. . In the previous chapter we discussed the development of methodological teaching in the Middle Ages on the subject of anthropology in Sufism. We felt it necessary to add the wisdom of Eastern thinkers about science. Eastern scholars extolled the human mind and believed in its possibilities. Raising a perfect generation was the brightest dream of mankind. Abu Rayhan Beruni was a great talent and a diligent researcher who made a great contribution to the development of world science. His immortal scientific works are of great importance in world civilization. Abu Rayhan Beruni was born on September 4, 973 (2nd Zul-Hijja, 362 AH) in Kat, the ancient capital of Khorezm. The full name of the scientist is Abu Rayhan Muhammad ibn Ahmad al-Beruni. During his stay in Khorezm, Beruni corresponded with his contemporary, the great physician and philosopher Abu Ali ibn Sina. Below we would like to present some of the pedagogical and psychological views of the scientist. The full name of the scientist is Abu Rayhan Muhammad ibn Ahmad al-Beruni. During his stay in Khorezm, Beruni corresponded with his contemporary, the great physician and philosopher Abu Ali ibn Sina. Below we would like to present some of the pedagogical and psychological views of the scientist.

Islam raises the need for knowledge to the level of worship. According to Islamic teachings, both men and women have equal rights to receive knowledge. For example, in the "Hadith Sharif" of our prophet Muhammad (peace be upon him), knowledge is explained as the basis of human perfection, goodness and purity, as a means of protecting people from various disasters. Science is great wisdom, science is faith, conviction. Therefore, in order to know and understand the foundations of religion, the content and essence of the Holy Quran, it is necessary to have knowledge and master it perfectly. Muhammad (peace be upon him) said: "An hour of study is better than a night of prayer" (Hadith 536).

## CONCLUSION

In conclusion, we can say that great scientists created many aspects of scientific knowledge. First of all, their scientific activity, a symbol of creativity and ingenuity in science, is a source of inspiration and pride for scientists and researchers of our time. The mathematization of pedagogical research is an urgent problem of our time. Eastern scientists praised the human mind and believed in its capabilities. Raising a perfect generation was the brightest dream of mankind.

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