

ANAS Corresponding member Geylani Panahov - 70

The scientist's real mission is not only to perform scientific research, but also to compete for its use for the good of society, for the good of all people. When the peak of scientific knowledge is reached, it opens up a vast prospect of further path to new goals, opens up new roads to follow. Exactly this principle of scientific cognition lies in the life credo of corresponding member of NAS of Azerbaijan, professor Geylani Panahov, who is 70 years on his anniversary on 25 August 2024.

Corresponding member of the National Academy of Sciences of Azerbaijan Geylani Minhaj oglu Panahov, head of the Department of Fluid and Gas Mechanics of the Institute of Mathematics and Mechanics of the Ministry of Science and Education, turns 70 on 25 August. Geylani Panahov was born on 25 August 1954 in Anikh village of Gusar district (Azerbaijan). In 1971 he graduated from secondary school of Anikh village and in the same year entered the Azerbaijan Institute of Oil and Chemistry (now Azerbaijan State University of Oil and Industry). After graduating from the Institute, the scientist worked at the Dagestan Geological Expedition and then as a senior engineer at the Institute of Safety Technology of Ukraine. In 1979-1988 he worked as a junior researcher and senior researcher at the Azerbaijan Institute of Oil and Chemistry.

In 1986 Geylani Panahov defended his PhD thesis on "Increasing the efficiency of technological processes in oil production by control of the rheophysical properties of well products by physical fields", in 1996 - doctoral thesis on "Development and application of new composite systems for oil and gas industry". In 2014, he was elected a corresponding member of the National Academy of Sciences of Azerbaijan on the speciality "Mechanics". In 1988, the scientist worked as a senior researcher in the department of "Nonlinear Mechanics of Oil and Gas" at the Institute of Mathematics and Mechanics of the Academy of Sciences of Azerbaijan. From 1999 to 2002 he worked at the Institute of Mathematics and Mechanics as a head of the laboratory of physical and mechanical processes in fluid and gas flow. Since 2002 - Head of the Department of Fluid and Gas Mechanics. Geylani Panahov was also engaged in pedagogical activity. In 1996-2002 he worked at the Azerbaijan Oil Academy as a professor at the chairs of oil and gas transportation and storage, development and exploitation of oil fields, and lectured on a number of disciplines. The scientist showed the importance of taking into account electrokinetic effects in hydrodynamic problems in the fluid flow, revealed the role of rheochemical formations in certain thermobaric conditions to control processes in oil and gas production. He also presented proposals on a number of adjustable viscous-elastic formulations, on the basis of which industrial technologies have been created and successfully applied. These technologies are currently being applied in Azerbaijan, Russia, USA, China and Vietnam. As a result of long-term scientific-educational and research activity, Geylani Panahov was elected a corresponding member of the Azerbaijan National Academy of Sciences in the department of technical and physical-mathematical sciences.

Corresponding Member of ANAS G. Panahov is the author of more than 250 scientific articles, 60 Invention Patents of the Russian Federation and Azerbaijan Republic. In 1999 he was elected a full foreign member of the Russian Academy of Inventions, and in 2003 - a foreign member of the Russian Academy of Natural Sciences (RAEN). Colleagues know professor Geylani Panahov as an active leader and head of scientific research, appreciate his professional purposefulness, responsibility and integrity, inexhaustible energy and creative enthusiasm, sensitivity and attention to people. His life and scientific activities are some examples of honourable service to science and the country!



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