

Ramaz Khurodze



Ramaz Khurodze graduated from Tbilisi Secondary School No. 55 in 1961 with a gold medal and enrolled at the Faculty of Automation and Computer Engineering of the Georgian Technical University, which he graduated with honors in 1966.

In 1966 Ramaz Khurodze started working as a researcher at the Institute of Management Systems of the Georgian Academy of Sciences. In 1972 he enrolled in the postgraduate program of the Institute of Management Problems of the USSR Academy of Sciences in Moscow. In 1975 he defended his thesis for the degree of Candidate of Technical Sciences in the field of Computer Technology, and in 1997 for the degree of Doctor of Technical Sciences.

After graduating from the postgraduate course in 1972-1981, he started working as a senior researcher at the Institute of Control Systems of the Georgian Academy of Sciences and acted as the Academic Secretary of the Computer Technology Commission at the Presidium of the Academy. From 1978 to 1979 he was sent on a business trip to the California Institute of Technology (USA), followed by a business trip to Finland, to the Helsinki University of Technology in 1981.

From 1981 to 1982, Mr. Khurodze headed the Department of Automation of Scientific Research at the Institute of Control Systems and simultaneously delivered lectures at the Faculty of Automation and Computer Engineering at the Georgian Technical University. From 1982, R. Khurodze worked as an instructor of the Department of Science and Educational Institutions of the Central Committee of the Communist Party of Georgia, and in 1986-1987 he worked as the head of the Department of Science and Educational Institutions of the Tbilisi Committee of the Communist Party of Georgia. In 1987-1988 he was the First Deputy Minister of Higher and Secondary Special Education of Georgia, in 1988-1991 he served as the Deputy Minister of Public Education of Georgia. In 1991 he was appointed Vice-Rector of the Georgian Technical University in the field of Human Resources and Commercial Activities. In the same year he was elected Associate Professor of the Department of Automation and Telemechanics. In 1993 he was awarded the title of Professor.

In 1992, R. Khurodze was elected rector of the Georgian Technical University by the Grand Council of the University. In 1998, R. Khurodze was re-elected by the GTU Grand Council as the Rector of the University. In the same year he was awarded the Georgian State Award in the field of science and technology. For his outstanding contribution to the development of science, in 2002, R. Khurodze was elected a member-correspondent of the Georgian Academy of Sciences; in 2019 - as a full member of the Academy (Academician).

He is legally considered to be one of the founders of the scientific direction of analog devices of control systems in Georgia. In this regard he has published more than 116 papers, including 15 monographs, 13 manuals and 2 inventions. His works have been published not only in Georgia, but also abroad - in Russia, the Ukraine, the USA, Germany, the Netherlands, Belgium and others. He is a true member of the scientific community in many foreign countries. In 2003, Professor R. Khurodze was elected a member of Sigma Xi, the Scientific Research Society. He is also

an Academician of the Russian Academy of Natural Sciences, an Academician of the International Academy of Engineering, an Academic of the UN International Informatization Academy, a member of the European Academy of Sciences, an Academician of the Georgian Academy of Engineering.

Under R. Khurodze's leadership, numerous international conferences and symposiums were held at the Technical University on energy, large systems management, applied software technologies, ecology, the implementation of the Great Silk Road international project, the construction of oil and gas pipelines and other topical issues. The foundation was laid for the publication of several scientific-technical journals. Under his leadership, scientific and technical conferences of GTU professors were held.

R. Khurodze has been awarded the Order of Honour. In December of 2002, the President of Georgia awarded him the Gold Medal "Outstanding Figure of Georgia" for his outstanding contribution to the education and training of young people.

During Ramaz Khurodze's rectorship in GTU:

In the first years, on the basis of the "concept of university education", the Technical University was completely transferred to a two-level system of education (undergraduate and graduate) and accordingly, the curricula were revised; Credit system for management of educational process was introduced;

Quality assurance methodology was established, on the basis of the expansion of specialization, departments of new structural divisions of the University were created. Georgian Technical University joined the Bologna Process.

The activities of the GTU Aviation Institute, which is unique in terms of material and technical bases, its capabilities, and the composition of

professors, has acquired a large scale. The institute has already produced the first high-class flying officers.

The Faculty of Humanities was established, developed and expanded. The tendencies of young people to aspire to the specialties of the humanitarian profile were revealed.

The teaching-methodological and scientific potential of faculties, institutes, departments, provision of computer equipment, etc. have been expanded and strengthened.

Important steps have been taken to expand external links with foreign universities and research centers. The Georgian-American University was established, where the foundation was laid for the training of government officials.

In 1997, under his leadership, the 75th anniversary of the founding of the Georgian Technical University was widely celebrated. GTU Higher Award was established - the medal is named after the famous Georgian scientist and prominent figure in the field of engineering, Giorgi Nikoladze.

The foundation was laid for the faculties of Marneuli International Oil and Gas Pipelines, Telavi, Senaki and Ambrolauri.

The German-language faculty was founded in 1997, where specialists in business law have been trained under the guidance of German scientists for several years. The publishing base of the University has been significantly expanded and equipped with modern equipment, which fully ensures the publication of teaching-methodological and scientific literature.

The university radio station "Universe"/103.9 mghc/was put into operation. Exhibition-cultural center "Universe" was opened. A public relations office was established.

Since 1999, GTU has joined the Association of European Universities.

In the same year, the launch of the antenna-reflector into space, created by the GTU Institute of Space Structures, became a great victory for Georgian engineering, thus laying a foundation for the creation of telecommunication systems for the services of the "Great Silk Road".

In the beginning of 2000, the foundation was laid for a joint consortium - "Caucasus School of Business" (now Caucasus University) - between Iv. Javakhishvili Tbilisi State University, Georgian Technical University and Atlanta Technological University, Georgia. The school awarded graduates with bachelor's, master's, and doctoral degrees in accordance with Georgian law.

With R. Khurodze's initiative and active participation, the scientific-project union "Geoengineering" was established, which soon gained international recognition. He became the holder of an international ISO standard.

On September 28, 2001, with the blessing of the Catholicos-Patriarch of Georgia, His Holiness and Beatitude Ilia II and the joint efforts of R. Khurodze, the Department of Theology was established at the Technical University.

In the fall of 2002, under R. Khurodze's leadership, the 80th anniversary of the Georgian Technical University was celebrated.

The celebration took place in the administrative building of the St. George Chapel;

The French-Georgian Institute was established, where the training of specialists in economics and informatics began with the participation of French scientists.

A unified university optical computer network was put in place.

Departments, faculties, and science laboratories make extensive use of the Internet services.

A powerful computer center was opened at the university and the foundation was laid for distance learning, the university electronic library was established.

In recent years, the area of managerial training of the engineering profession has expanded. New courses and training modules have been developed, the teaching of management skills acquired a whole new definition. Young specialists in the field of engineering are being trained in accordance with the principle of market economy. Overall, the organization and management of the learning process is carried out in accordance with the priorities of socio-economic development in the country. R. Khurodze published his experience in the book "New People Create New Times" (2002).

Currently, Academician R. Khurodze is the head of the Professional Development Center of the Georgian Technical University. He is an Emeritus Professor at the University.