

# Baku, Others

## Azerbaijan Technical University

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### ABOUT US

AzTU is one of the leading Universities in the technical education field of Azerbaijan Republic, which was established under the name Azerbaijan Polytechnic Institute with 4 faculties in the country's capital Baku in 1950.

The faculties of the university were functioning in the buildings which located in various addresses in the 1950-1955 years. University with all faculties moved to the present building in 1955. Combining the most beautiful Eastern and Western architecture style beautiful building of the university offers all necessary facilities for the students to acquire extensive knowledge.

Two new higher technical schools in Azerbaijan "University of Architecture and Construction" and "Ganja Institute of Technology" were founded on the basis of Azerbaijan Technical University in 1975.

Since 1978, AzTU has started a mass training of specialists for various Republics of USSR and a number of countries Asia, Africa and Latin America. More than 12,000 students were studied at the university in that period. AzTU was awarded with the Challenge Banner of the Ministry of Higher and Special Secondary Education of the USSR and received the first grade money award for the achievements gained in the teaching-methodical and scientific-technical fields.

Since 1991 up to now, the University was named of Azerbaijan Technical University. At the present, University's high-qualified specialists, scientific staff in 28 directions and more than 70 specialties are preparing in machine-building, metallurgy, informatics and computer technologies, electrical engineering, telecommunications, transport, engineering business fields.

The following faculties are "Transport", "Electrical and power engineering", "Radio engineering and Communication", "Automation and computer technique", "Metallurgy", "Machine Building" "Technological machine", "Business engineering and management", "Foreign citizens education" "Technological complexes and special equipment". More than 600 professor-teacher staff including 68 professors, doctor of sciences, 332 associate professors, candidate of science (PhD) work at 46 chairs of these faculties. For obtaining the scientific degree more than 50 local and foreign country's specialists are carrying out scientific research. Two Specialized Academic Councils granting academic degree on various directions of technical sciences are functioning at the University.

The scientific achievements of the University are publishing in scientific-technical journal by the name "Scientific works". The University library with More than 700 thousand books stock and its reading halls as well as, about 20 multimedia halls with more than 400 personal computers, multimedia rooms, specialized labs, serve to the students and personnel.

Azerbaijan Technical University is collaborated with UN, UNESKO, TRASEKA, other relevant structures of International Organizations and a lot of universities of foreign countries. At different times the citizens of more than 40 foreign countries had been trained at the University and at present, they continue being trained.

More than 6000 bachelor and master degree students who will be able to solve all problems of modern science and technology are trained at the lecture halls and laboratories equipped with modern facilities in compliance with the credit system of the curriculum stipulated by the Bologna process.

The graduates of Azerbaijan Technical University are serving to develop different fields of industry in many countries of the worlds. They successfully managed factories, ministries, huge industrial complexes, state committees, enterprises. The graduate of our university was headed to Azerbaijan Republic in 1982-1988 years, 2 graduates have worked Azerbaijan Republic Prime Minister at different times and 5 graduates have been worked as a First Deputy of Prime Minister. At present, the First Deputy and the Deputy of the Prime Minister of Azerbaijan Republic are graduates of Azerbaijan Technical University.

#### AREAS OF ACTIVITY

##### **Market application**

- Automated Road Transport
- Green Vehicles
- Infrastructure

##### **H2020 2017 Call Topics - Automated Road Transport**

- ART-01-2017: ICT infrastructure to enable the transition towards road transport automation

##### **H2020 2017 Call Topics - Logistics**

- MG-5.2-2017: Innovative ICT solutions for future logistics operations

##### **H2020 2017 Call Topics - Safety**

- MG-3.2-2017: Protection of all road users in crashes

##### **H2020 2017 Call Topics - Socioeconomic & Behavioural**

- MG-8.2-2017: Big data in Transport: Research opportunities, challenges and limitations

##### **H2020 2017 Call Topics - Green Vehicles**

- GV-01-2017: Optimisation of heavy duty vehicles for alternative fuels use

##### **H2020 2017 Call Topics - Infrastructure**

- MG-7.2-2017: Optimisation of transport infrastructure including terminals