Why AUT: Civil Engineering department at AUT is the home to the Center of Excellence on retrofitting and optimizing of buildings, infrastructures and lifelines. It is also where Sepanta, a seismic isolator system was invented.

School of Petroleum, Civil & Mining Engineering

Department of Civil & Environmental Engineering

**CAREER PROSPECTS:**
Graduates have a significant role in forming the national atmosphere in the fields of construction, roads, bridges, tunnels, water supply, dams, water purification and sewage collection.

**LABORATORIES:**
Pavement, Bitumen and Asphalt Laboratory, Concrete and Building Materials Laboratory, Environmental and Materials Chemistry Laboratory, Groundwater, Soil and HSE Pollution Laboratory, Hydraulic Laboratory, Materials Resistance and Structural Research Laboratory, Rock Mechanics Laboratory, Shaky Table at the Structural and Earthquake Research Center, Soil Dynamics Laboratory, Soil Mechanics Laboratory, Structure Laboratory
Why AUT: Iran is an oil rich country and our department being sponsored by the National Iranian Oil Company (NIOC) is where you want to be to study a major that is vital for today’s economies.

CAREER PROSPECTS:
The alumni are qualified to work in various fields of oil industries such as Reservoirs, Oil Drilling, Exploitation, and Exploration. They can start working in any of the Petroleum Ministry’s departments and serve the country’s oil and gas industry.

Facilities:
Formation Damage Laboratory, Enhanced Oil Recovery Laboratory, Interfacial Phenomena Laboratory, Drilling Laboratory, Tank Fluid Properties Laboratory, Organic Geochemistry Laboratory, Geomechanics laboratory, Rock Mechanics Laboratory.

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<tr>
<th>Programs</th>
<th>BSc</th>
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<tr>
<td>Reservoir and Operation</td>
<td>Exploration and Drilling</td>
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<td>Oil Drilling</td>
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<tr>
<td>Production Engineering</td>
<td>Petroleum Equipment Engineering</td>
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School of Petroleum, Civil & Mining Engineering

Department of Mining Engineering

Why AUT: Visit us to find active students in Mining Engineering. We are the only Mining department in Iran that has a Society for Mining, Metallurgy and Exploration (SME) student chapter.

www.dme.aut.ac.ir/en

CAREER PROSPECTS:
Graduates play important roles in supplying raw and refined material to food and defense industries, welfare affairs (i.e. building, cloths, road, bridge, machinery, etc.), agriculture, dam construction, energy generation and so on.

<table>
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<th>Program</th>
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<td>Mining Exploration</td>
<td>Mining Exploitation and Rock Mechanics</td>
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<td>Mineral Processing</td>
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<tr>
<td>Rock Mechanics</td>
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<tr>
<td>Tunneling and Underground Space Engineering</td>
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Laboratories:
- Mineralogy Laboratory
- Scanning Electron Microscopy (SEM)
- Rock Mechanics Laboratory
- Environmental and Recycling Laboratory
- Optical Mineralogy Laboratory
- Mineral Processing Laboratory
- Cartography And Applied Mapping Laboratory
- Flotation Laboratory
- Analytical Chemistry Laboratory
- Petrology Laboratory
- Exploration Geophysics Laboratory
- Geochemical Laboratory
- Geotechnical Laboratory
- Numerical Modeling Laboratory
- Computational Centre
- Thin Sections Laboratory
- Ventilation Laboratory
- Instrumental Analysis Laboratory
- X-Ray Laboratory