



Amirkabir University  
of Technology  
(Tehran Polytechnic)

School of **Petroleum, Civil & Mining Engineering**

Department of **Civil & Environmental Engineering**



[www.civil.aut.ac.ir/en](http://www.civil.aut.ac.ir/en)

**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.



**CAREER PROSPECTS:**

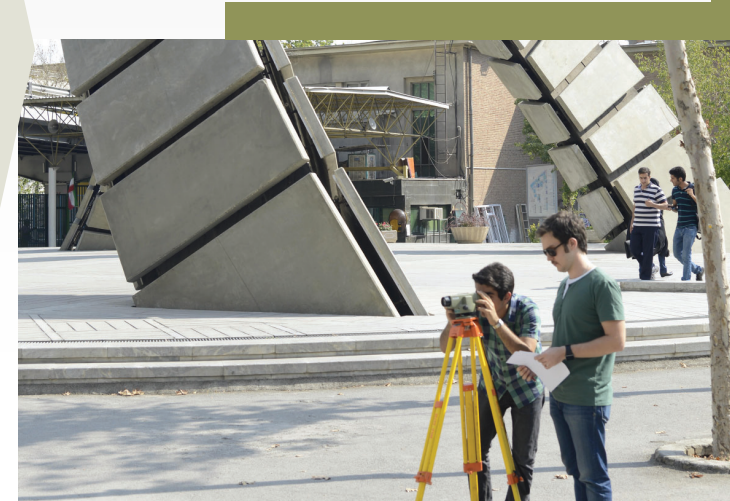
Graduates have a significant role in forming the national atmosphere in the fields of construction, roads, bridges, tunnels, water supply, dams, water purification and sewage collection.

**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

		Programs			
BSc		Civil Engineering			
MSc and PhD		Programs			
		Structural Engineering	Earthquake Engineering	Construction Management Engineering	
		Geotechnical Engineering	Hydraulic and Water Engineering	Manufacturing Engineering	Transportation Engineering
		Engineering and Water Resources Management	Environmental Engineering	Road and Transportation Engineering	"Coastal, Ports and Offshore Engineering"





Amirkabir University  
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School of **Petroleum, Civil & Mining Engineering**

# Department of Petroleum Engineering



[www.petroleum.aut.ac.ir/en](http://www.petroleum.aut.ac.ir/en)

**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.

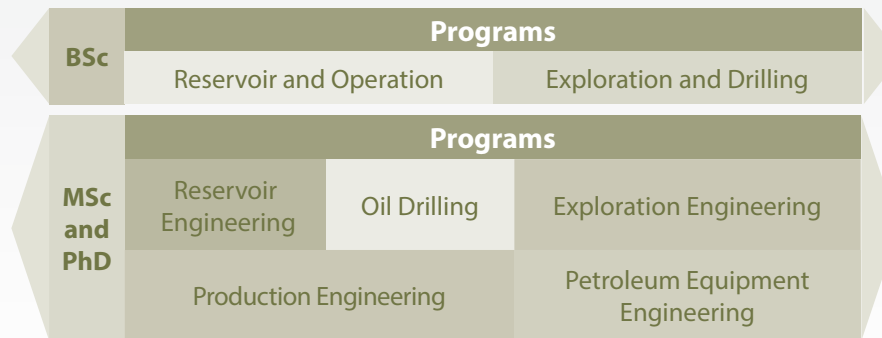


### CAREER PROSPECTS:

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.





Amirkabir University  
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School of Petroleum, Civil & Mining  
Engineering

# Department of Mining Engineering



[www.dme.aut.ac.ir/en](http://www.dme.aut.ac.ir/en)

**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.



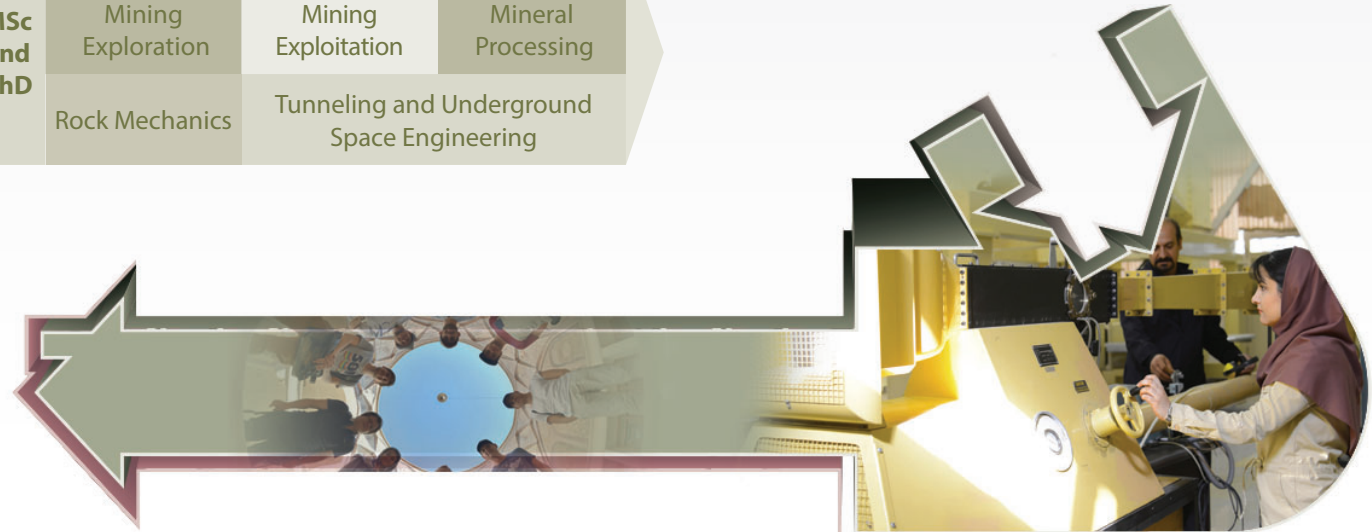
## CAREER PROSPECTS:

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.

## 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 and Computational Centre, Thin Sections Laboratory, Ventilation Laboratory, Instrumental Analysis Laboratory, X-Ray Laboratory

Programs			
<b>MSc</b>	Mining Exploration and Mineral Processing	Mining Exploitation and Rock Mechanics	
Programs			
<b>MSc and PhD</b>	Mining Exploration	Mining Exploitation	Mineral Processing
	Rock Mechanics	Tunneling and Underground Space Engineering	



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**Student Chapters News**

### Winners of the 2016 SME Student Chapter Fall Membership Challenge

The SME Student Chapter Fall Membership Challenge is a free contest to encourage student chapter members to recruit new members to join SME and the student chapter. The contest will be held from October 1, 2016 to December 31, 2016. The winner will receive a \$500 prize and a letter of commendation from the International Board of Directors.

**Winners:**

- 1st Place:** University of Illinois at Urbana-Champaign
- 2nd Place:** University of Michigan
- 3rd Place:** University of Texas at Austin

**Personal News**

**Membership**

For more information contact us at [miningmagazine.com](http://miningmagazine.com)