



**Amirkabir University of Technology
(Tehran Polytechnic)**

**Amirkabir University of Technology
(Tehran Polytechnic)**

**Pioneer of Sustainable
Development in Iran**

June 2023



IRAN, the Empire of Hospitality and Culture





IRAN, a country you should visit

1

Delicious Cuisine and diverse climate including sunny beaches

2

Hospitality and friendliness

3

Low utility and production costs

4

The safest country in the region

5

Motivated young scientists



Mahshahr



IRAN

Kish Island



Garmsar



Bandar Abbas



Higher Education in Iran

Dar ul-Funun

Amirkabir University of Technology
(Tehran Polytechnic)

۱۸۵۱

1984



Mirza Taghi Khan Farahani known as
"Amirkabir"
Chief Minister of Iran
From 1848 to 1851





Amirkabir University of Technology
(Tehran Polytechnic)

Tehran Polytechnic History



Amirkabir University of Technology
(Tehran Polytechnic)

Civil Eng Institute

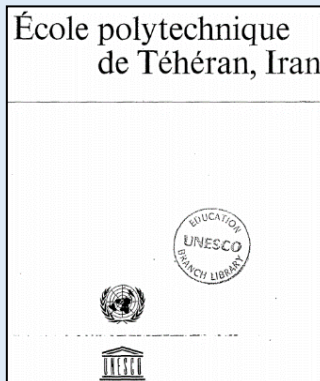
1928

1958

1984



École polytechnique
de Téhéran, Iran





The University at a Glance

Five Campuses:

Tehran, Mahshahr, Bandar Abbas, Kish Island,
Garmsar

Student Enrollment:

Students: More than 12,000
Graduates: More than 60,000
International Students: More than 2,000

Faculty Members:

Professors: More than 500

Research :

More than 15 nationally granted mega projects
More than 30,000 Peer-Reviewed Journal Articles
More than 1200 Patents

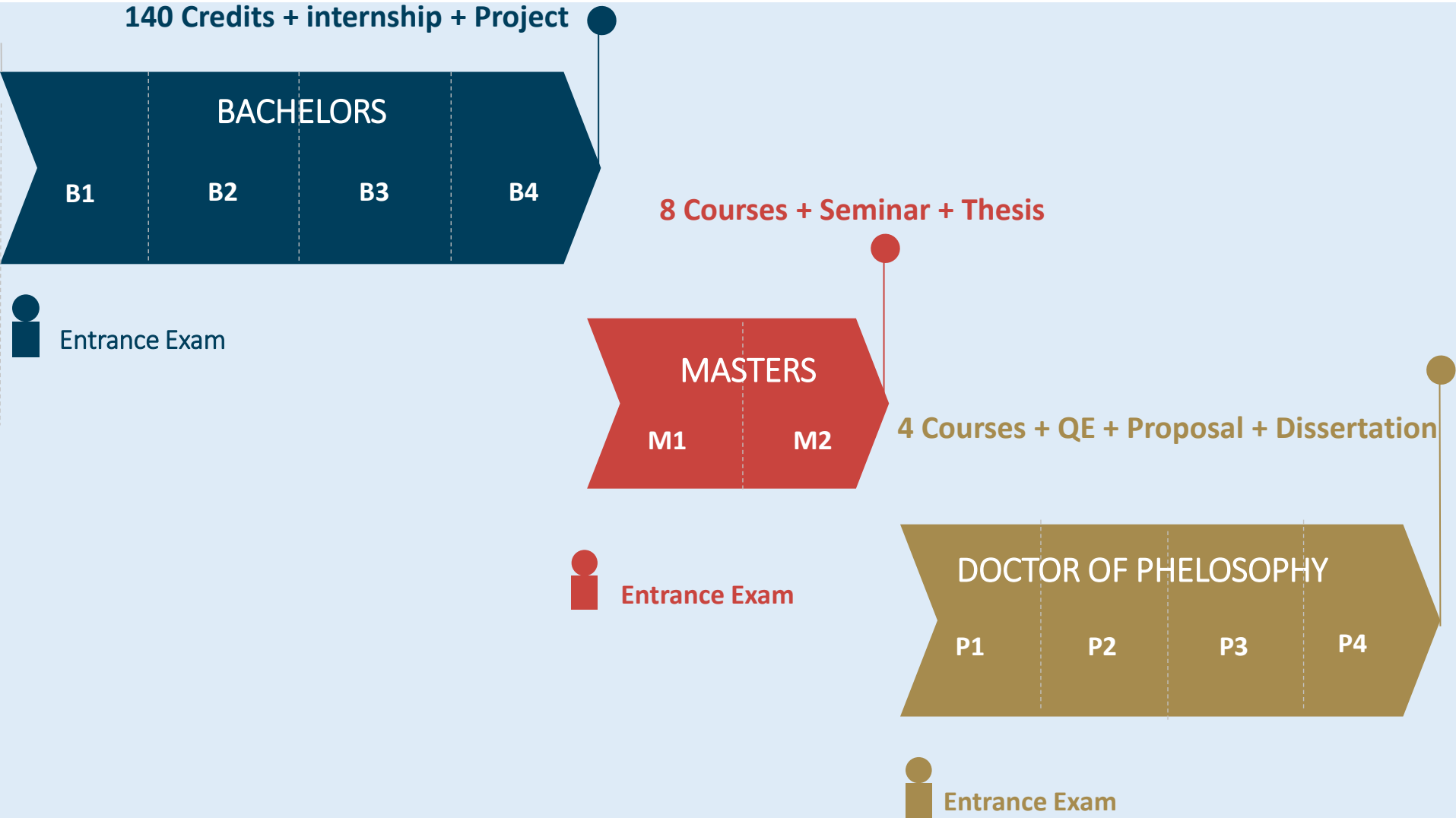
Rankings:

443 in QS World Ranking (2023)
Citation per faculty Global Ranking: 19
Mathematics Department ranked 37th in the World





Academic Program





Academic Programs

School of Industrial Engineering & Management

Industrial Engineering and Management Systems
Management, Science & Technology

School of Mechanical, Aerospace & Maritime Eng.

Aerospace Engineering
Mechanical Engineering
Maritime Engineering

School of Materials Eng. & Advanced Processes

Material and Metallurgical Engineering
Chemical Engineering
Textile Engineering
Polymer and Color Engineering

School of Electrical, Computer & Biomedical Engineering

Electrical Engineering
Computer Engineering and Information
Biomedical Engineering

School of Petroleum, Civil & Mining Engineering

Civil and Environmental Engineering
Mining Engineering
Petroleum Engineering

School of Sciences

Physics
Chemistry
Mathematics
Computer Science



25 Research Centers and Institutes

- Management & Industrial Eng. Research Inst
- Technology Institute of Mechanical Eng.
- Advanced Processes & Materials Research Inst.
- IT & Communications Research Inst.
- Structure, Concrete & Minerals Research Inst.
- Laser & Optics Research Inst.
- Earth & Civil Eng Research Inst.
- New Technologies Research Inst.
- Oil, Gas & Petroleum Eng Research Inst.
- Space Sciences Research Inst.
- Institute of Water, Environment & Sustainable Development.
- Health Technology Research Center

Main Research Streams





Most Powerful Supercomputer in Iran
Finnova Accelerator
Finodad Accelerator
Minetech Accelerator
Samsung AUT Tech Accelerator
4 Technology Towers
204 Companies and Tech. Teams
16 Innovation Centers and accelerator



Entrepreneurship and Innovation

Start-up weekend
TEDx Tehran
Falling Walls Lab
Idea Bazaar



International Focus

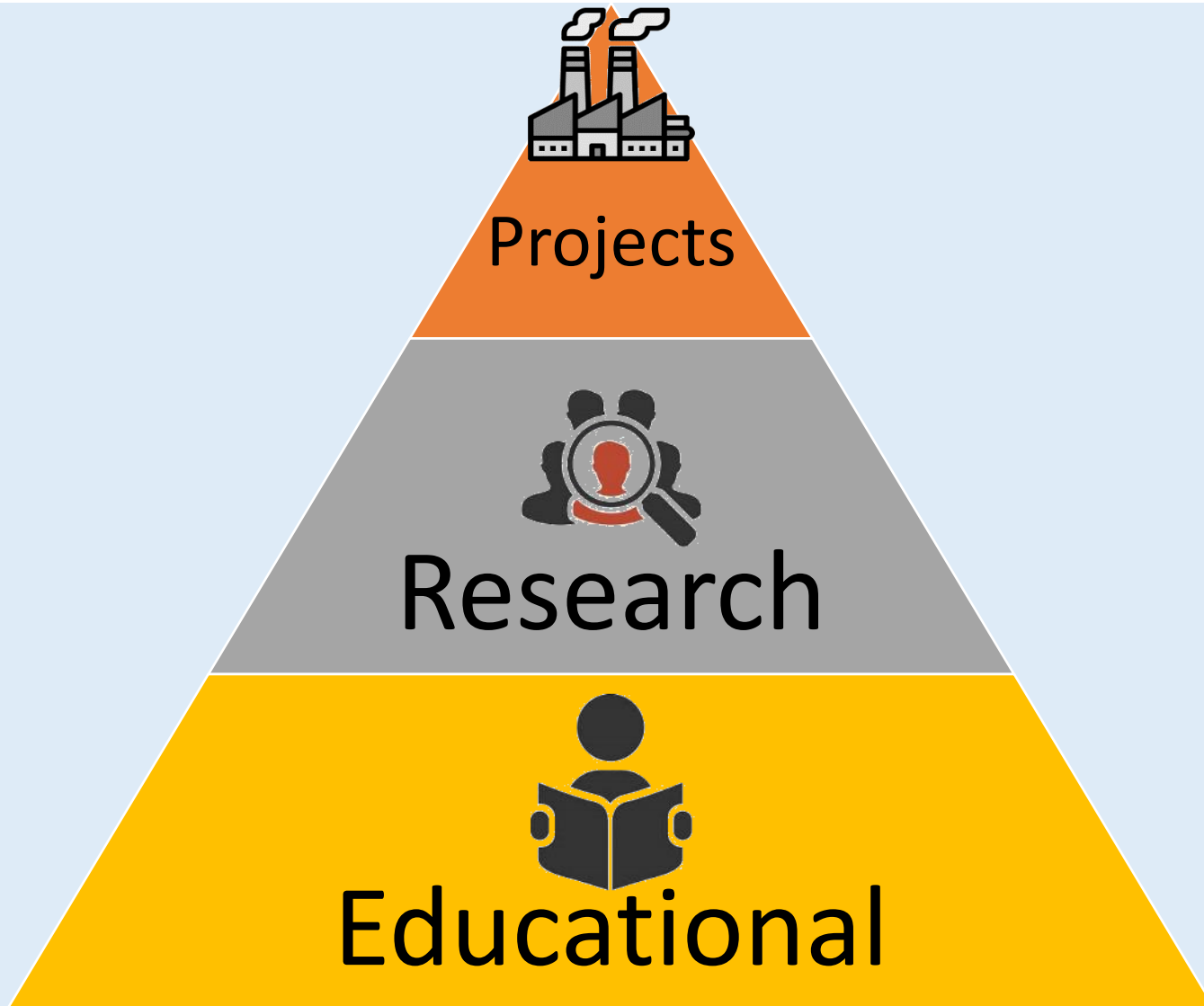
- Exchange of faculty members and students
- Dual degrees
- Joint research projects
- Joint virtual labs
- International Internships
- Joint supervision of students
- Joint innovation centers
- Joint industrial projects



Persian Carpet Hung in the United Nations states:
“All human beings are members of one frame”



Suggested forms of collaboration



MOUs and MOAs



Amirkabir University of Technology
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99 MOUs from 30 Countries
94 MOAs from 22 Countries



CentraleSupélec



ParisTech
INSTITUT DES SCIENCES ET TECHNOLOGIES
PARIS INSTITUTE OF TECHNOLOGY



ÉCOLE
POLYTECHNIQUE
UNIVERSITÉ PARIS-SACLAY



ALTINBAS
ÜNİVERSİTESİ
SENİ "EN İYİ SEN" YAPAR



UNIVERSITÄT
BAYREUTH



KOÇ
ÜNİVERSİTESİ





Joint Degree Programs

Technical University of Delft, The Netherlands

PhD in Energy Management

Maastricht School of Management, The Netherlands

Doctorate in Business Administration Programs

Arts et Métiers ParisTech (ENSAM)

Dual Degree Program/MSc

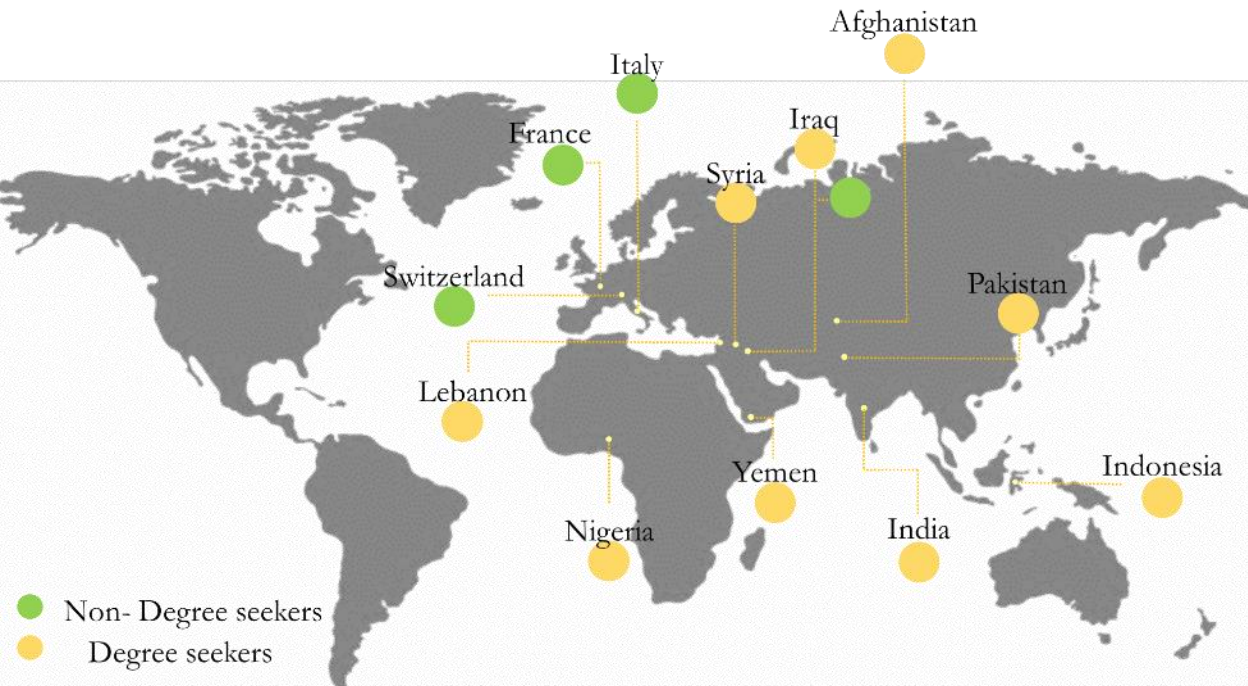
Ecole Polytechnic

Dual Degree Program/MSc and BSc





International Students





International Programs/Activities

IAU

International Association of Universities

European Commission

European Union Student Exchange Program and Education

AIESEC

International Association of Students in Economic and Commercial Sciences

AUTEX

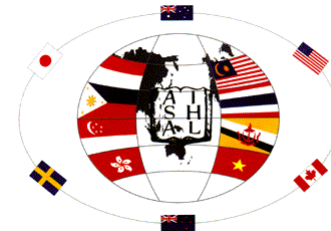
Association of Universities of Textiles

EURAS

Euras Eurasian Universities Union

International Forum of Rectors

Role of universities in creation of national innovation ecosystem





International Programs/Activities

Erasmus Plus

University of Passau
University Paris-Est Creteil (UPEC)
Alliance4universities (A4U)
Montan University
University of Almeria
Middle-east Technical University (METU)
Fatih Sultan Mehmet University (FSMU)
Universidad Politécnica de Madrid (UPM)
Slovak Technical University in Bratislava
Poznan University of Technology
Debrecen University
Polytechnic of Milan
Polytechnic of Torino
Koc University
Riga Technical University
Ecole Polytechnique, Paris



Erasmus+



**POLITECNICO
DI TORINO**



A photograph of the Persepolis ruins in Iran. The image shows a long, straight wooden walkway leading through a series of massive, weathered stone columns. The columns are intricately carved with relief sculptures. In the distance, a person wearing a dark red coat is walking away from the camera. The sun is low on the horizon, creating a bright starburst effect and casting long shadows across the walkway. The sky is a clear, pale blue.

**Don't
Hesitate
to Visit
AUT and
Iran**