



Building a Network Between Amirkabir and The World



Office of Scientific & International Cooperation

Amirkabir University of Technology
(Tehran Polytechnic)

**Annual Report
2017**



TALK TO US



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MESSAGE FROM AMIR GOLROO

At the Office of International Affairs at Amirkabir University of Technology, we are investing for the future. Transcending national boundaries and reaching out to global competence and engagement will help gratify this generation's aspirations for national advancements and international recognition. We aim to contribute to the academic and economic success and development of our country by connecting outstanding talent worldwide to AUT's competent students and researchers.

To this end, our present attention is towards research and industrial partnership. Faculty members and students can participate in the various programs and opportunities that this office suggests, such as carrying out joint projects, participating in science tours and internships, gaining a dual degree or participating in student exchange programs.

To this day, our efforts have led to notable achievements and success for the university and its members; hosting international delegates

from reputable universities, receiving funds and grants on research and industrial projects, as well as hosting foreign students for summer internship are only some of the accomplishments from our staff members' honest and hard work.

Internationalization is a continuous process that will lead us to become a third generation university. Our objective and future goal is to direct our academia towards trans-disciplinary research in order to exploit knowledge and become a multicultural, cosmopolitan university that will promote entrepreneurship and develop open connections with global counterparts.

We hope you enjoy reading this report which reflects our global activities that have helped Amirkabir University of Technology to be among the best in the world.

Amir Golroo



SNAPSHOT of 2017

 <p>14 Patent Registrations</p>	 <p>25 Memorandums of Understanding</p>	 <p>20 Memorandums of Agreement</p>
 <p>Ranked as the Top Iranian Technical University</p>	 <p>44 international students successfully graduated</p>	 <p>2 new memberships in international associations</p>
 <p>Ranked 1st among Iranian universities for US patent registration</p>	 <p>Received 250,000 EUR in international grant funding</p>	 <p>7 ongoing international programs</p>

2017 in Review

January

Meeting with Foreign Delegation

AUT hosted delegates from Aydin Istanbul University with the goal of expanding its partnership with its neighboring country.

New Contracts

MOUs and Double Degree MOAs at the MSc level were signed with 2 Iraqi universities.

Conference and More

Delegations from Austria visited and the Iran-Austria Joint Scientific Conference on Higher Education Cooperation was held at AUT.

February

Faculty Mobility

Prof. Michele Brun from the University of Cagliari spent a month at AUT holding lectures under the MARHABA Erasmus Mundus mobility fund program.

Delegation from Ecole Polytechnic visited AUT, with the aim of a joint research project.

Joint Program

Registration for the joint MSc Mining program with Montan university, Austria and Freiburg University, Germany and the dual/joint MBA with Mod'Art International begins.

March

Prospective Collaboration

Siemens and Polytechnic of Torino paid a visit to AUT. Dr. Mortazavi from AUT's Mining and Metallurgical Engineering department participated in the AMRD Joint program meeting in Freiburg University in Germany.

Great Potentials

EURIE 2017 was held and the Executive Diploma program between AUT and Rotterdam School of Management (RSM), Erasmus University Rotterdam started.

April

Building a Bridge to France

A joint workshop in the area of Biomedical engineering was held at AUT in cooperation with CNRS.

New Connections

After becoming a member of AUTECH, 2017 was the first year where AUT students could partake in the E-Team program and the registration began in April. After deliberation with the University of Stuttgart in Germany and the University of Science, Malaysia two MOUs were signed.

May

Projects with EU Partners

Received funding from DFG for a proposal submitted for the initiation for international collaboration between AUT and TU Berlin faculty members.

Meeting with Foreign Delegation

Meetings with Spanish delegation, visitors from Gdansk University of Technology, UPEC, and Seoul National University of Science and Technology were among the top priority meetings of this month.

June

Connecting with French Universities

Agence universitaire de la Francophonie (AUF) visits AUT. The Agence universitaire de la Francophonie is a global network of French-speaking higher-education and research institutions, which AUT later submitted an application and became a member of.

AUT also met with delegations from the French Language Center in Tehran to finalize a contract for conducting French language courses at Amirkabir University of Technology.

July

IRAN WEEK at TU Dresden

Delegations from the international office along with two professors from AUT's faculty of Textile engineering attended the "Iran Week" event at TU Dresden which resulted in an initiation for joint international projects on mutual topics of interest in textile engineering.

DIES Seminar

Delegation from AUT attended the DIES seminar with the topic of "Internationalization of German and Iranian Universities" and focused on the implementation of internationalization strategies.

August

EPFL Students

Prof. Ringgenberg from EPFL University in Switzerland started a collaborative minor program with AUT professors in which EPFL and AUT students did a yearlong joint project and by the end of it selected EPFL students got to visit AUT to conclude and present their projects.

September

Focal Point for Scientific Collaboration

In 2015 the Ministry of Science, Research and Technology appointed AUT as the focal point for scientific collaboration with universities in France. In September of 2017 AUT invited all Iranian universities interested in collaborating with French universities to discuss opportunities for collaboration and funding as well as share experiences and build on successful collaborations with their French counterparts as a way of expanding scientific collaborations with France.

October

Meeting with Foreign Delegation

As the focal point for scientific collaborations with French universities, AUT has focused immensely on creating links with French universities and on increasing the number of agreements implemented. CentraleSupélec, ENSAM, Nanates University and Ecole Polytechnic are among few of these universities, agreements with these universities are to be executed in 2018.

November

Meeting with Foreign Delegation

AUT hosted delegates from Macquarie university as well as delegation from 3 Kazakh universities. Dr. Tracy Rushmer from Macquarie gave a guest lecture on higher degree research in Australia.

December

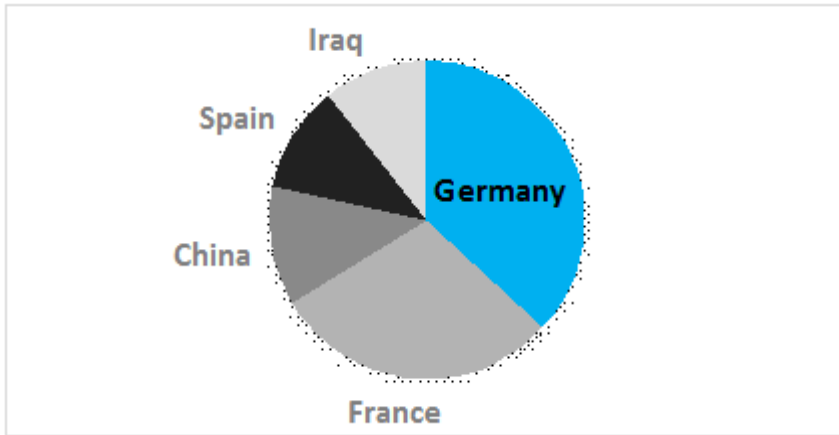
Visiting Professors

AUT hosted professors visiting from German and French universities, whom were part of prior agreements for the thesis co-supervision of PhD students at AUT.

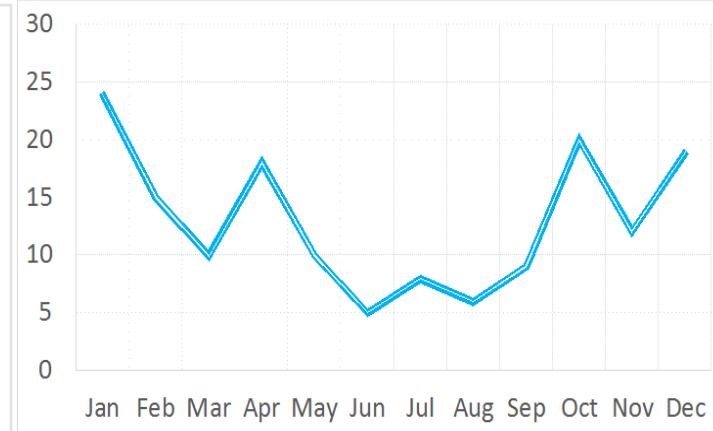
Internationalization

Connecting with the world

Delegates' Countries

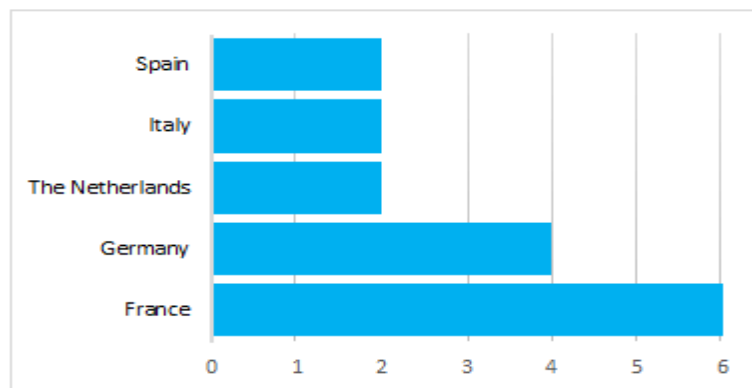


Monthly Delegates Visited AUT

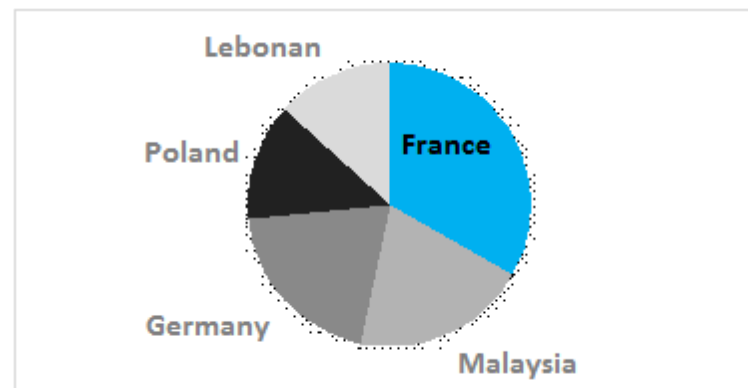


In 2017, the Amirkabir University of Technology hosted more than 180 visitors from 36 countries. As a result of these meetings 23 Memorandums of Understanding (MOUs) and 20 Memorandums of Agreement (MOAs) in terms of dual degree programs, exchange of students and etc. were signed and are in line for implementation.

Top 5 countries in terms of signed MOAs



Top 5 countries in terms of signed MOUs



Connecting with the world

Cognizant of the central role of networking and communication in international relations, AUT not only works hard to strengthen its relationship with already existing partners but also takes an active approach in reaching out to potential partners all around the globe.

This year AUT continued strengthening its academic relationship with Germany and also took a big step in moving forward with its Austrian, French and Turkish counterparts. In 2017 on multiple occasions a group of delegates consisting of the Vice-chancellor of Research and Technology, Vice-chancellor for International Affairs as well as the Director for Scientific and International Cooperation, headed by AUT's Chancellor Dr. Motamedi visited numerous universities such as the Technical University of Munich, University of Stuttgart, Baden-Württemberg International, TU Darmstadt, Darmstadt University of Applied Sciences, EPFL, Polytechnic of Milan, Polytechnic of Torino, ETH Zurich, Autonomous University of Barcelona (UAB), Autonomous University of Madrid (UAM), Carlos III University of Madrid (UC3M), Pompeu Fabra University (UPF), EURIE 2017 exhibition in Turkey, Gdańsk university of Technology, Adam Mickiewicz university in Poznan, Poznan University of Technology, TU Berlin, Czech Technical University in Prague, Slovak Technical University in Bratislava and Vienna University of Technology for the purpose of strengthening future collaboration and initiating partnership with others.

OUTREACH

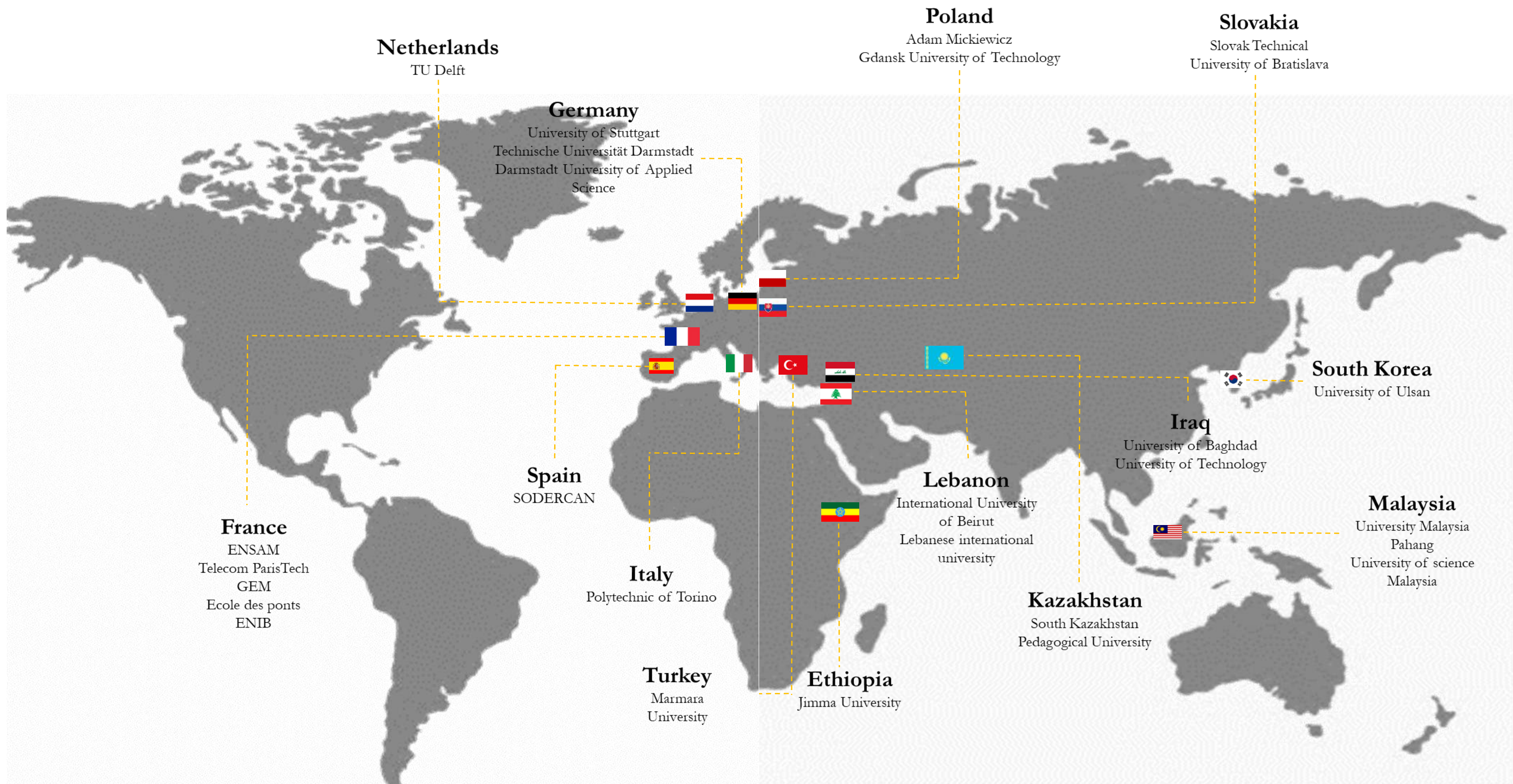
-  More than 3K members
-  Approximately 8K members
-  Above 31K followers
-  Ranked 4th in Iran and 726 internationally in webometrics

Online presence

The office of scientific and international cooperation has strengthened its online presence during 2017, this is solely for improving the online experience of our users. Our telegram channel (AUT_IC_Admin) with currently over 3.2K users, is still helping us in keeping our users up to date with all different events and important news.

We are also proud to announce that the office of scientific and international cooperation has launched its new website with new functionalities and dynamic content, giving all our users the experience and services they need, this interactive site will allow users to put forward their requests online and will accelerate our services.

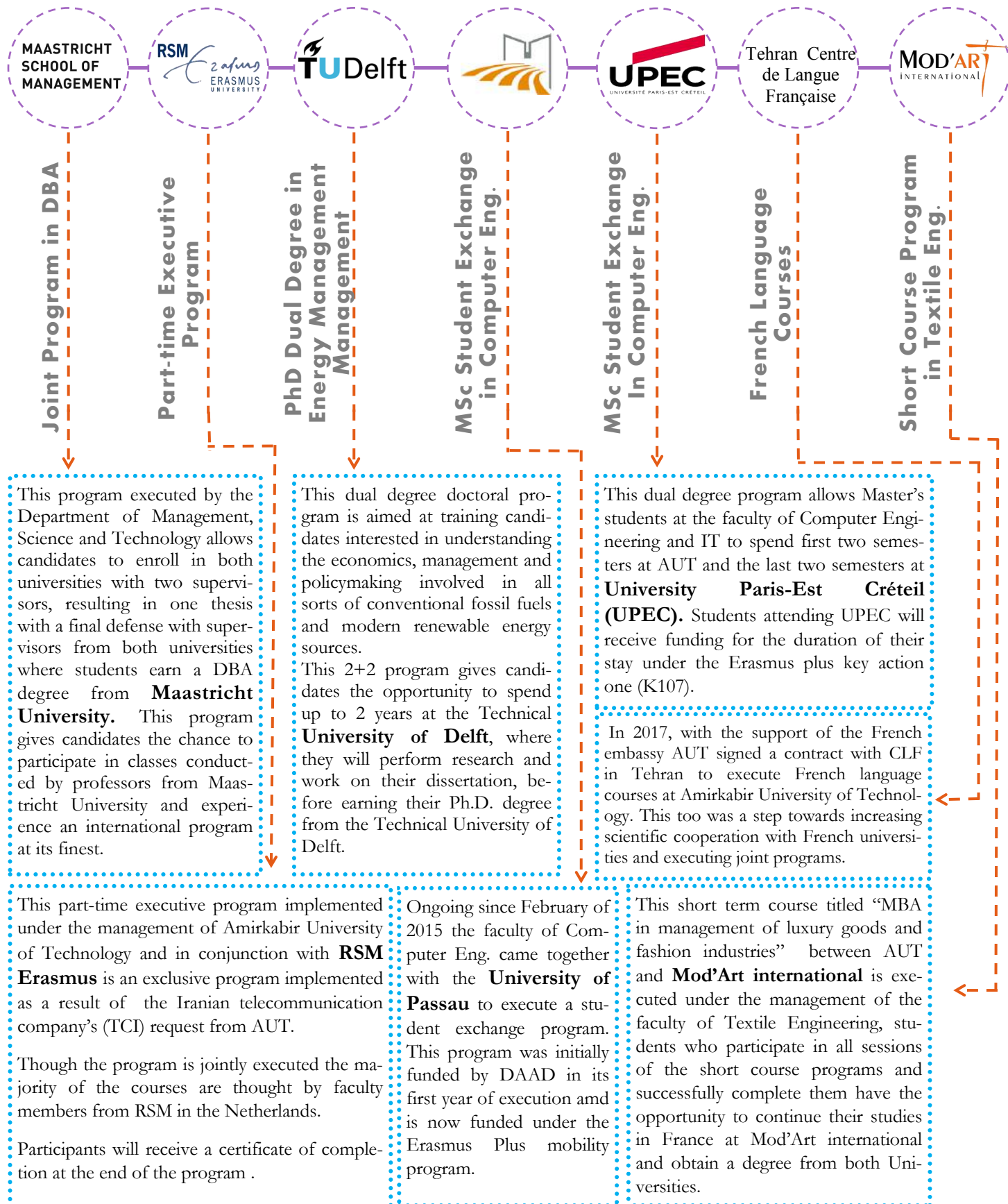
Memorandums of Understanding with the world



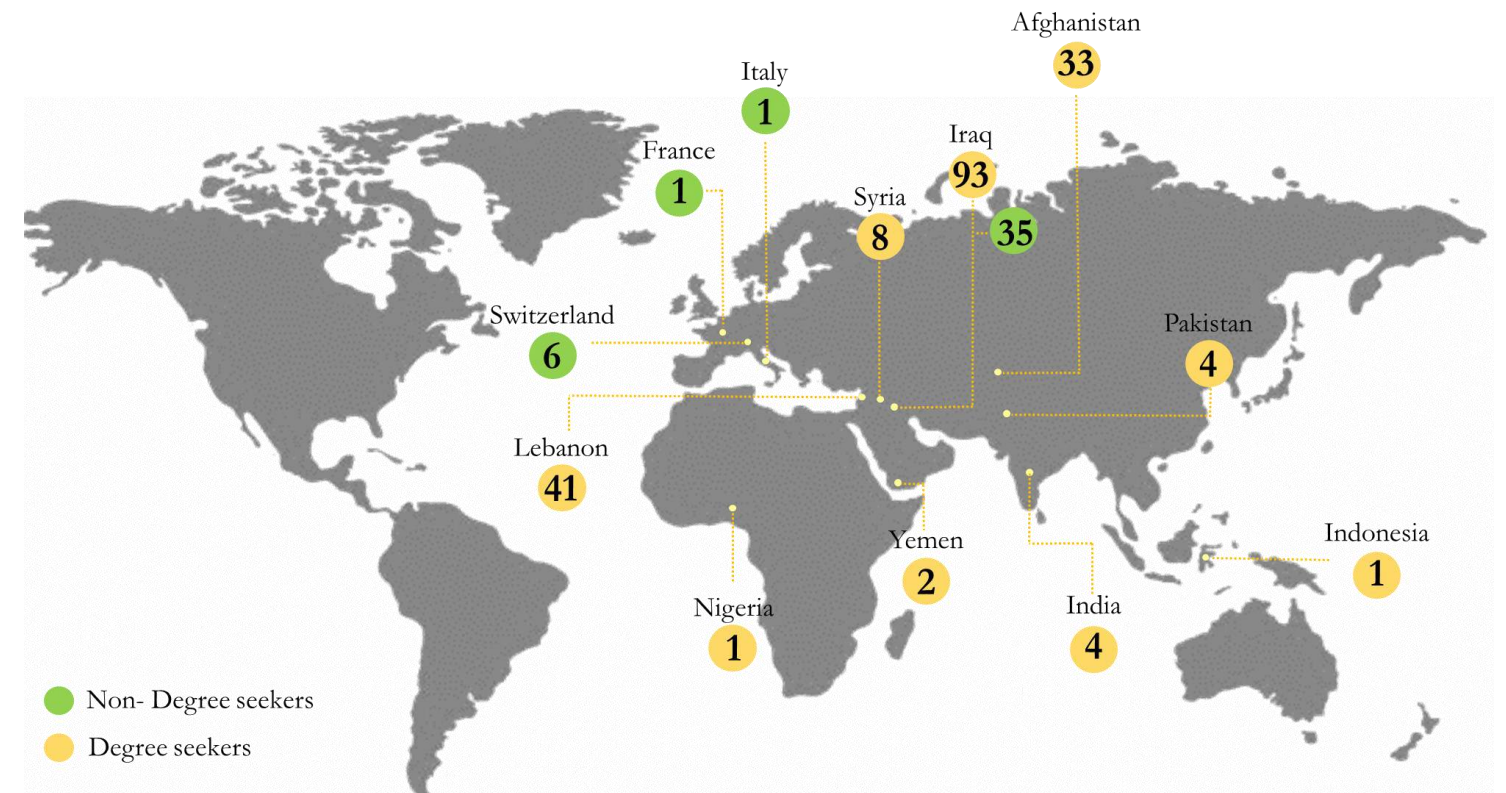
Memorandums of Agreement with the world



International Cooperation Memorandums of Agreement

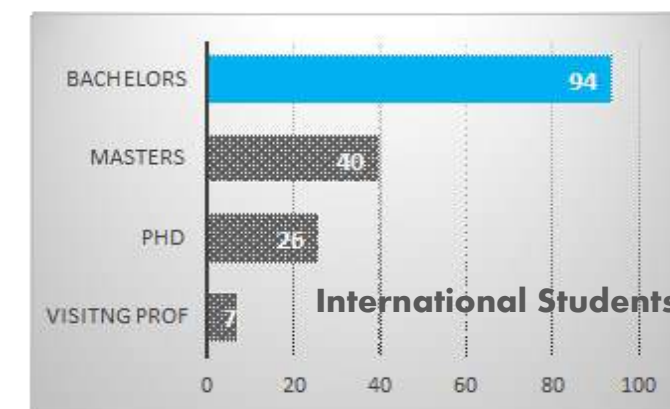
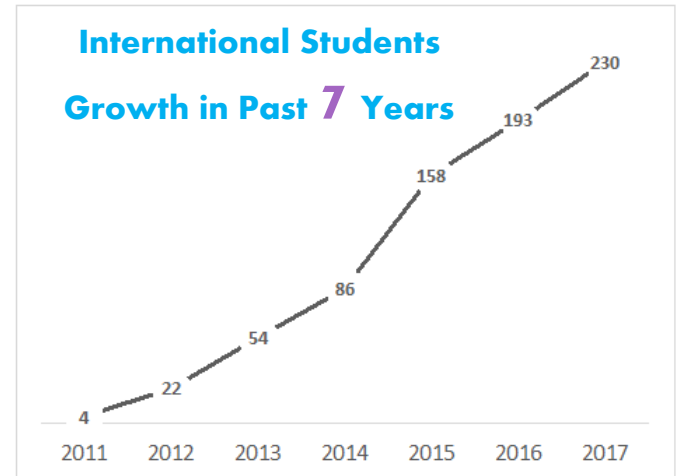


International Students and Faculty Degree / Non-Degree Seekers



Most Common Majors Chosen by International Students

- Mathematics and Computer Science
- Electrical Engineering
- Mechanical Engineering
- Petroleum Engineering
- Computer Engineering



13% of International Students are Female



International Experience at Amirkabir University of Technology



International Interns of EFPL at AUT In 2017

BSc	MSc	Total
35	8	43

New Exchange Programs

Student/faculty/staff exchange agreement with Technische Universität Darmstadt, Germany

Sandwich Programme on Master-PhD Degree between École Polytechnique – France and Amirkabir University of Technology – Iran

Erasmus Plus Programs AUT Joined in 2017

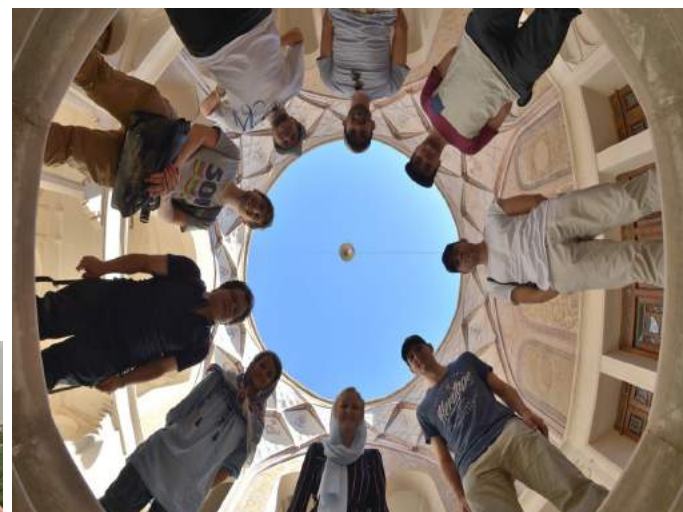
Inter-institutional Mobility program from 2014 to 2021 with Montanuniversitaet Leoben, Austria

Erasmus+ Mobility Program for Exchange of students and faculty members with Alliance 4 universities, Spain



Erasmus + International Credit Mobility with CentraleSupélec, France

Erasmus+ Mobility for learners and staff from 2017 to 2020 with University of Almeria, Spain



Professional Engagement International experience

Student Mobility

Student mobility programs allow students to acquire more knowledge and acceptance of different cultural and community perspectives. It not only allows students to acquire language skills which will be beneficial in building international networks and future career but also allows for enhancement of interest in global issues as well as gaining broader general knowledge.



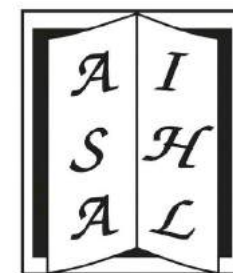
E-TEAM

E-TEAM (European Textile Engineering Advanced Master) joint program with UGhent, Belgium; IASI, Romania; PUAS Piraeus, Greece and AUT under AUTEX. AUTEX is the Association of Universities in Textiles.



AUF

AUT became a member of Agence universitaire de la Francophonie (AUF). Upon its membership, it will receive support and assistance on improving quality of education as well as financial support for staff mobility.



ASAIHL

The Association of Southeast Asian Institutions of Higher Learning (ASAIHL) is an NGO founded in 1956 in Bangkok. Its aim is to assist member institutions to strengthen themselves through mutual self-help to achieve distinction in teaching, research, and public service, thereby contributing to their respective nations and beyond.



International Scientific workshop

The French National Center for Scientific Research is the largest governmental research organization in France and the largest fundamental science agency in Europe. AUT ran a joint workshop with CNRS in April of 2017.



ASPA

AUT became a member of ASPA. ASPA is an international nongovernmental organization established in Japan in 1997 for the purpose of accomplishing joint development in the fields of scientific technology, industry and economy in the Asian region.

International Presence

Road to internationalization



Achievements

One of the new associations AUT joined in 2017 was IAU. Located at the UNESCO headquarters in Paris, the International Association of Universities (IAU) brings together 641 higher education institutions and organizations from 120 different countries for the reflection and action on common concerns. This gives AUT access to IAU's publications as well as the entitlement to participate in events organized by IAU.

Erasmus Mundus - MARHABA had its 3rd cohort this year in which 2 AUT students received acceptance and had the opportunity to spend a semester at a European university.

AUT also hosted a joint workshop with CNRS, in the field of Biomedical Engineering, as well as a workshop for EPFL students who completed a 3 week internship at AUT.

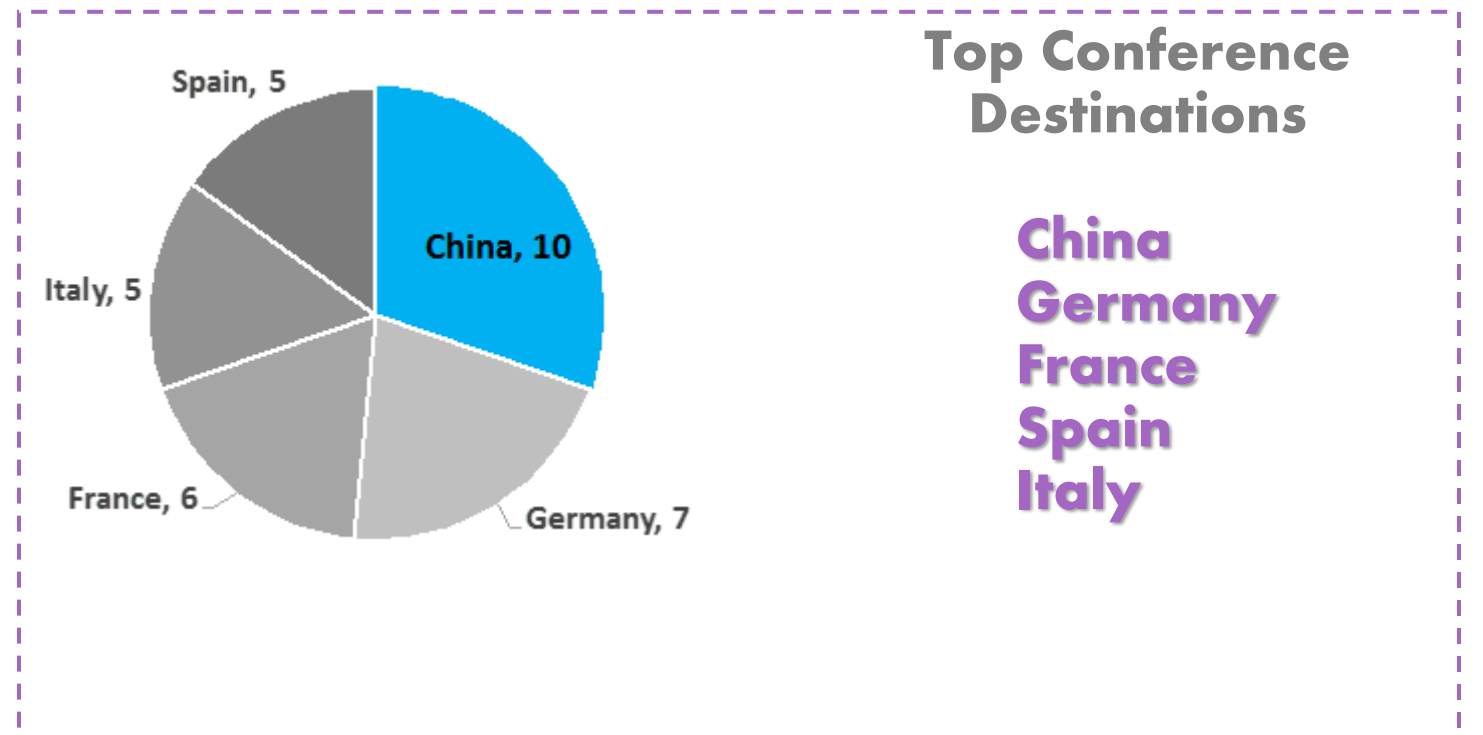
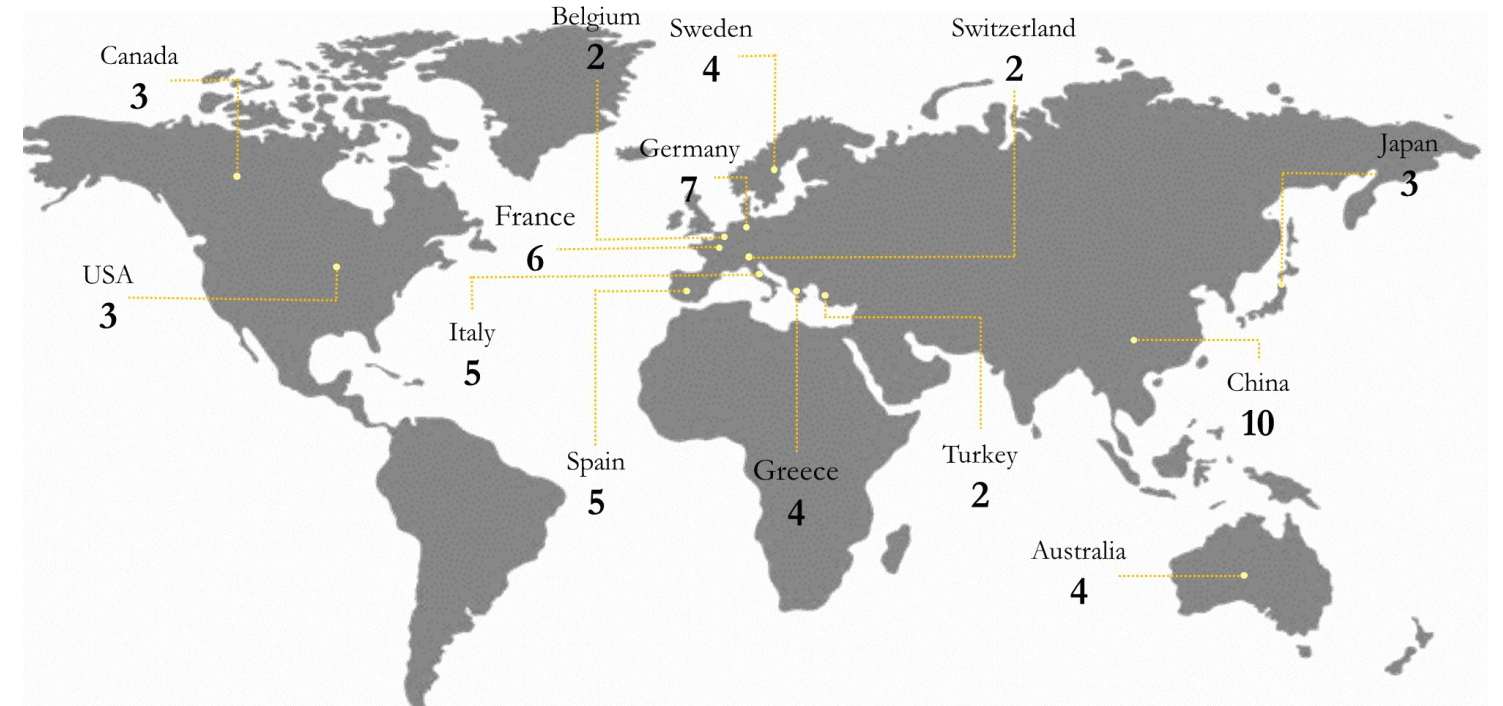
After strengthening our relation with Istanbul Aydin University last year, this year AUT was proud to host the first EURAS (Eurasian Universities Union) Academy seminar on internationalization of higher education in Iran. At the same time with visits to and from Aydin University, we established new connections with their business incubator.

Other events hosted by AUT this year include: talks by representatives from different universities such as; Macquarie University, TU Munich, ENSAM University, University Malaysia Pahang, Mod'Art International, Montan University Leoben, TUDelft and the Falling walls Event in collaboration with DAAD were among few.

Dr. Gharehpetian has received the first joint funding from DFG-INSF. Four distinguished AUT professors; Dr. Kermani, Dr. Montazer, Dr. Madadi and Dr. Esmelifar receive funding for submitting a proposal under the initiation of international collaboration from DFG this year.

Conference Destinations

Faculty members



How we serve international cooperation

International Collaboration

The office of Scientific and International Cooperation will systemize the start of any international collaboration. We offer a specific guideline for international collaboration with each country. We have also created and shared an international partners database on our website. Consulting and counseling for any international collaboration is part of daily task routine.

Our office is also in charge of announcing new and available international-national scholarships and opportunities for students and professors.

Visa Facilitation

This office will provide support and guidance for both students (at all levels and disciplines) and faculty members for their visa application procedure. Our team will provide the necessary explanations on how to properly complete visa application forms and assemble the supporting documentation per visa application checklists, provided by the country of destination.

Dual Degree Program

Our office is in charge of establishing and organizing dual degree programs. Students in these programs will spend half of their study at their host institution and the other half at a guest institution. This office also oversees the acceptance and registration of students participating in these programs and evaluates their experience to ensure the best quality possible.

Exchange of Students

Students can benefit from an exchange program which provides an appropriate base for exchange of culture and language. The office of Scientific and International Cooperation facilitates exchange programs by signing agreements with top international schools as well as joining international exchange programs.

Visitors

The office of Scientific and International Cooperation offers funds, services and accommodation for the initiation of international collaboration. We also offer orientation programs for any new visitors.

WELL DONE IS BETTER THAN WELL SAID



Amirkabir University of Technology
supports students in finding their career
path and building a brighter future.

Office of Scientific
& International
Cooperation

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