



Building a Network Between Amirkabir and The World



Amirkabir University of Technology
(Tehran Polytechnic)

Office of Scientific & International Cooperation

Amirkabir University of Technology
(Tehran Polytechnic)

**Annual Report
2018**

Office of Scientific & International Cooperation

Annual Report
2016

“The foundations for internationalization are of priority to AUT’s deputy of international affairs. AUT is working towards building and creating the necessary infrastructures and awareness for students, staff and faculty to reach this goal. Being among the first universities in Iran to offer courses in English as well as creating strong links with top ranked universities worldwide are necessities for this path. AUT has taken an active role in strengthening its ties with various universities in numerous fields and through different activities. “

- Vice Chancellor for International Affairs, A. M. Tousi



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CONTENTS

Message from Amir Golroo	4
Snapshot of 2018	5
2018in Review	6
Engagement with the surrounding world	7
Connecting with the World	8
Memorandums of Agreement	9
International Cooperation	11
Introducing KAHROBA	13
International Students	14
International Experience	15
Professional Engagement	16
International Presence	17
Sabbatical Destinations	18
Services	19



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 2018

 <p>12 Memorandums of Understanding</p>	 <p>5 Coututelle Agreements</p>	 <p>25 Erasmus Plus Applications</p>
 <p>Holds position at #498 under QS Global World University Ranking</p>	 <p>25 international students successfully graduated in 2018 and 57 new students enrolled</p>	<p>Erasmus+</p> <p>10 Endorsed Erasmus Plus Mobility Grants</p>
 <p>Ranked 1st among Iranian universities for US patent registration</p>	 <p>Received over €130,000 in international grant funding</p>	 <p>9 ongoing international programs</p>

2018 in Review

January – February – March

Meeting with Foreign Delegation

Over the years AUT has had close partnerships with different Iraqi and Syrian universities. It has hosted many delegates from its neighboring countries with the goal of furthering its partnership and establishing different campuses.

International Expo

The EURIE 2018 summit in Istanbul, Turkey gave AUT a chance at presenting itself at this international education themed exhibition and present its potentials to universities worldwide.

April – May – June

Meeting with Foreign Delegation

AUT's Chancellor, Prof. S. Ahmad Motamedi met with Prof. Herve Sabourin, the Regional director of Agence Universitaire de la Francophonie (AUF) in Tehran. During this meeting, both parties exchanged ideas on the ways of promoting academic cooperation between AUF and Amirkabir University of Technology.

Also, Professor Le Tallec from Ecole Polytechnique visited AUT to meet with professors at the department of Mechanical Engineering to discuss potential research partnership.

Faculty Mobility

Professors from Erasmus University spent a month at AUT's campus in Kish to present classes to fulfil the terms of an agreement for conducting part of an Executive MBA program.

July – August – September

Short –Term Courses

Professors from ModArt international conducted short-term courses at AUT. These short term courses are part of a 2 year degree program in MBA for Management of luxury goods and fashion industries which is executed at AUT's department of Textile Engineering.

Sabbatical leave & Internship Programs

Throughout the months of July and August many professors and students participated in different international activities such as sabbatical leave, summer school programs and internships. Countries such as Canada, Germany, Poland and France were among the top choices for these activities.

October – November – December

German Institutions and Funding Organizations

Representatives of DAAD, AvH, and DFG gave a presentation on their international activities and how researchers and students can receive grants from the mentioned organizations.

Meeting with Foreign Delegation

Delegation from the Macquarie University visited AUT and held lectures on the education system in Australia and the different study programs and scholarships that AUT students can participate it. As a result of these discussions a Cotutelle agreement is expected to be signed between the universities in 2019.

Building International Research Networks

The first International Academia Partnership Platform of the Amirkabir University of Technology was held in October of 2018 to create links with researchers from all over the world. AUT is expected to hold the next event in January of 2020. Researchers from 14 different countries attended this event to discuss possibilities of research cooperation with AUT researchers and held specialized discussion sessions at different departments.

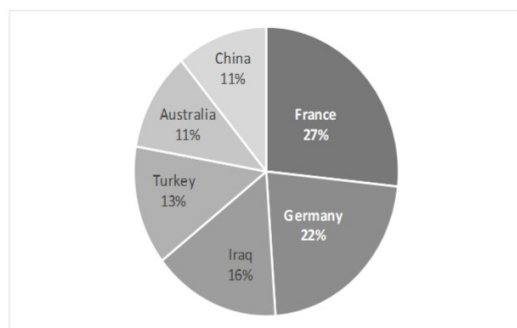
Engagement with the surrounding world

AUT is committed to being one of the finest universities not only in Iran but around the world; it is devoted to contributing to society in ways that enrich and transform lives.

In 2018, we continued to work closely with our alliances and focused more on expanding our scientific collaboration with existing partners. This helped us in focusing on the implementation of MOUs and MOAs that had previously been negotiated.

France, Germany, Turkey, Spain, Italy, and Belgium were among the top countries AUT furthered its collaborations within 2018. The Montan University of Leoben, Ecole Polytechnique, Middle Eastern Technical University, Alliance 4 universities, University of Torino, and Ghent University are among AUT's top partner universities. This year we hosted more than 90 groups of delegates, from 29 different countries. As a result of these visits and meetings 23 Memorandums of understanding and 10 Memorandums of agreement were signed.

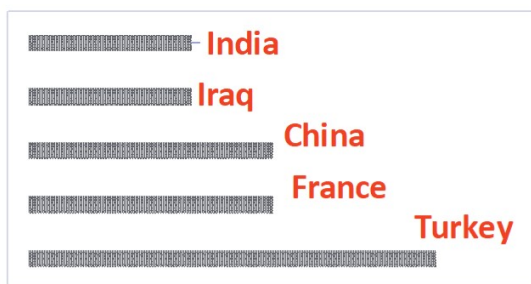
Delegates' Countries



Top 3 visitors

France
Germany
Iraq

Top 5 Countries in terms of signed MOUs



Top Countries in terms of signed MOUs

Turkey
France
China
India
Iraq





Connecting with the world online Presence

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.

Every year the office of scientific and international cooperation chooses a slogan for the year ahead, and centers its international activities based on that motto. 2018 was named the year of "focusing on small activities". Throughout the year we focused on small activities that helped in building relationships with partners around the world. Many of the activities were a result of conferences and visits our faculty members made. This year countries such as Poland, China, Germany and France were among the top destinations for our faculty members.

In 2018, the Iranian Minister of Research, Science and Technology visited France along with Chancellors of top Iranian Universities, including AUT's Chancellor Prof. S. Ahmad Motamedi. During this visit the agreement between AUT and ParisTech was renewed and discussions on furthering cooperation with Ecole des ponts, Paris-Saclay, CNRS, Poitiers, ENSAM, Ecole Polytechnique and AUF were made. A visit to Germany also resulted in an MOA for exchange of students with TU Darmstadt as well as the Hochschule of Darmstadt.

OUTREACH

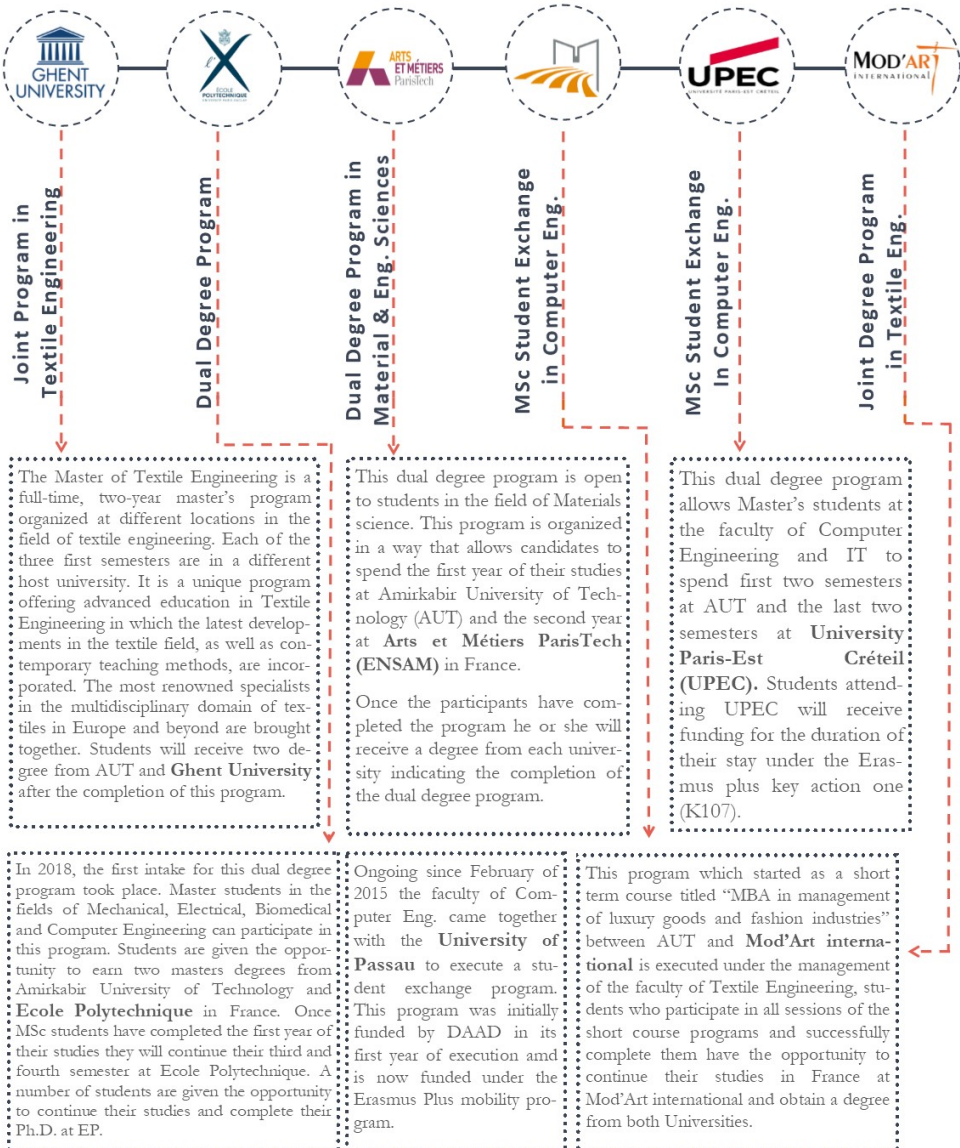
-  More than 4K members
-  Approximately 11K members
-  Above 39K followers
-  Ranked 1st in Iran and #498 internationally in QS world university rankings

Online presence

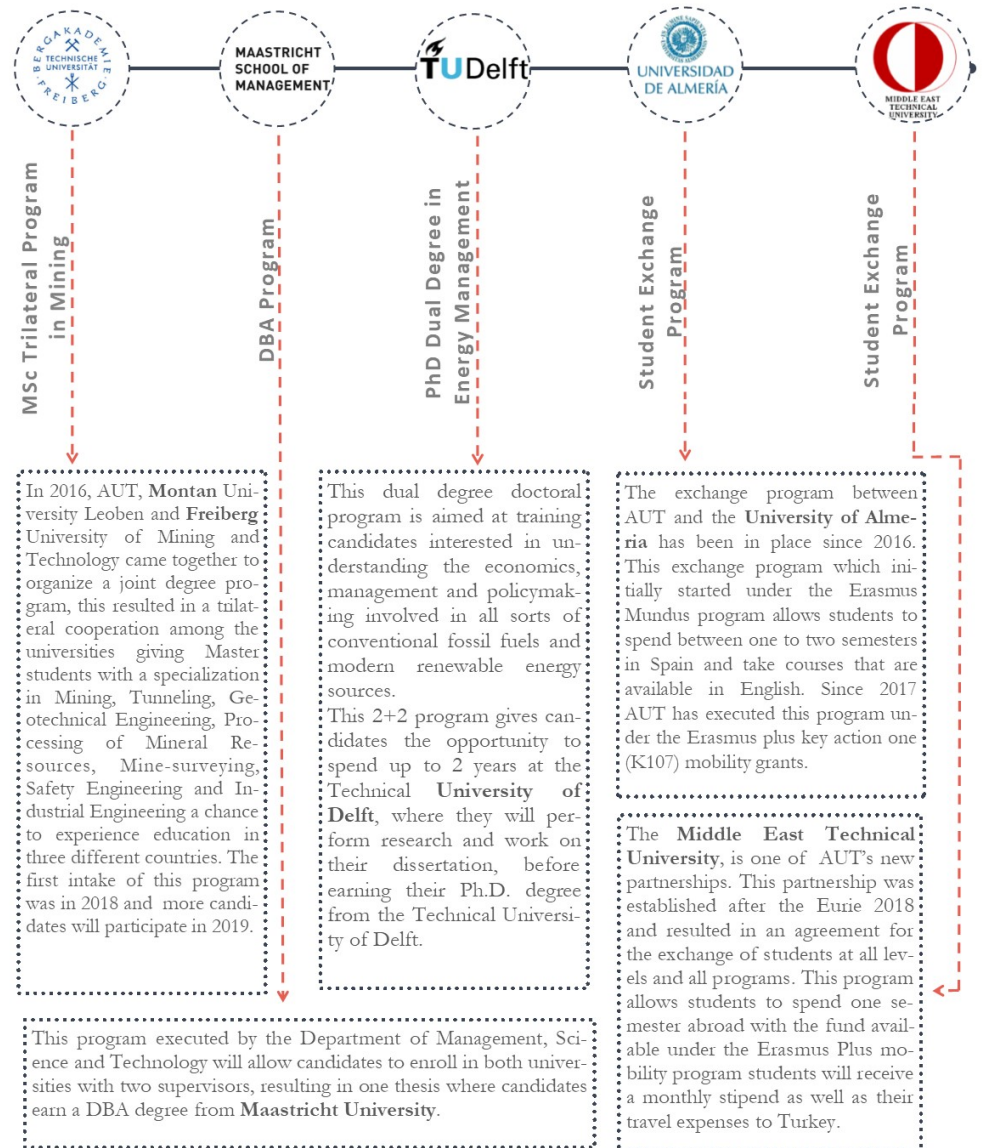
The office of scientific and international cooperation has strengthened its online presence in 2018; this is solely for improving the online experience of our users. Our telegram channel (AUT_IC_Admin) has grown by over 1K since last year and currently has 4.3K users, is still helping us in keeping our users up to date with all different events and important news.

In 2017 the office of scientific and international cooperation launched its new website with new functionalities and dynamic content, giving all our users the experience and services they need, this interactive site allowed users to put forward their requests online and accelerated our services. After receiving positive feedback from our website, in 2018 we worked closely with our IT department to design a new website for the university with will be launched in 2019.

International Cooperation Memorandums of Agreement



International Cooperation Memorandums of Agreement



Memorandums of Agreement with the world



Introducing Kahroba creating a network around the world



Amir Mohammad Abhary, an AUT graduate, in the office of Scientific and International Cooperation of AUT started this program to get AUT students involved in its international activities. Since its start Kahroba has become a hub for students to get together and use the resources our office provides to get involved in and extend their international experiences.

We have defined projects that students can get involved in. These projects can range from guiding foreign visitors and helping with the international marketing of AUT to finding and allocating funds for startups. Each day we are finding new fields that Kahroba can help our students and professors with. Participating in these projects can be a huge plus for the students' resumes. Kahroba has not formed

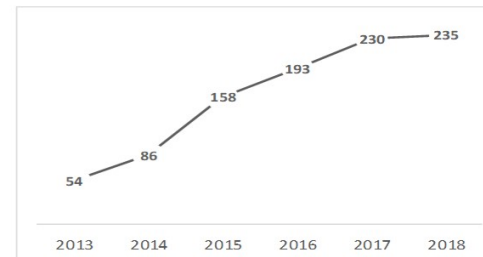
into any specific rigid structure yet, so students can even define their MSc or PhD projects along the interests of the international office.

Another important outcome we would like to see in Kahroba is the execution of our international contracts. Our office signs many international cooperation contracts every year, but without getting the students and professors involved these MOUs have little outcome. When you join Kahroba you become an agent for these contracts and can even use them for your own research. Many of these MOUs can become agreements that can even provide you with international collaboration and fund.

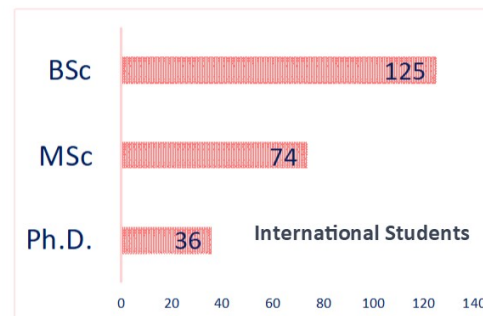
Alongside helping students gain international knowledge, Kahroba has become an entrepreneurial network for them and their professors. This was an unplanned goal of Kahroba. Kahroba has created the direct link between professors, students, accelerators and investors. Unlike other current networks, since Kahroba is based in an academic institution it is the most complete one that has all kinds of resources available to it. We have innovation centers, researchers that have the knowledge to run these centers, students that gain the knowledge to explore the proposed ideas and Kahroba has created the link to great investors or accelerators which are sometimes graduates of AUT. The existence of such a free network is priceless for the university.

Kahroba has become a store for students to choose what they want. We give them what they need with their help. Using the power of these students is a wonderful resource that propels their ideas and creates new grounds that can guarantee them a brighter future.

International Students degree Seekers



**International Students
Growth in Past 6 Years**



**Most Common Majors
Chosen by International Students**

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

International Experience at Amirkabir University of Technology



Antoine Parlier

Antoine, a student of École Centrale Paris spent five months at Amirkabir University's Department of Electrical Engineering as an exchange student. For the duration of his stay Antoine took two classes and worked on a research project in his field of interest.

“

I had the opportunity to study during 5 months in Amirkabir University of Technology.

It was great to study in a multicultural environment, I've met students from Iran and other countries. I've learned many things thanks to my teachers and my friends.

Iranians and the university staff were always willing to help me or to talk to me. I had a warm welcome from everyone and never felt lonely in Iran.

My mom decided to join me in Teheran and visit the country. She was impressed by the modernity of the city.

I would warmly recommend to anyone to come and discover Iran as a student or as a tourist.”

Antoine Parlier
Electrical Engineering major
from France

Professional Engagement international experience

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.

Student Mobility



AUTEX

The Association of Universities for Textiles is a worldwide network of textile universities founded in 1994. Over the years a strong engagement took place and the Association currently has 39 members from 30 countries. The mission of AUTEX is to facilitate cooperation amongst its members in high level textile education and research.



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.



EURAS

Launched in 2008, EURAS is the union covering universities and other higher education institutions within Eurasian region. EURAS is a non-profit international association, promoting cooperation among over 90 universities from all across West and Central Europe, Balkans, Caucasus, Middle East as well as the whole of Asia and working for the global advancement of educational standards in the Eurasian region. In 2016 AUT became a member of EURAS and has attended the Eurie expos since.



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 and has submitted multiple proposals for cooperation and establishment of joint research centers in 2018.



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



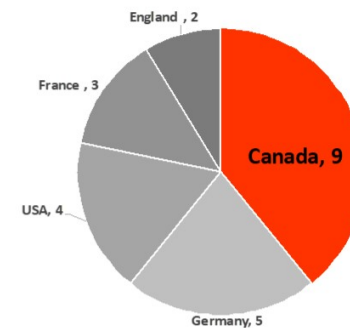
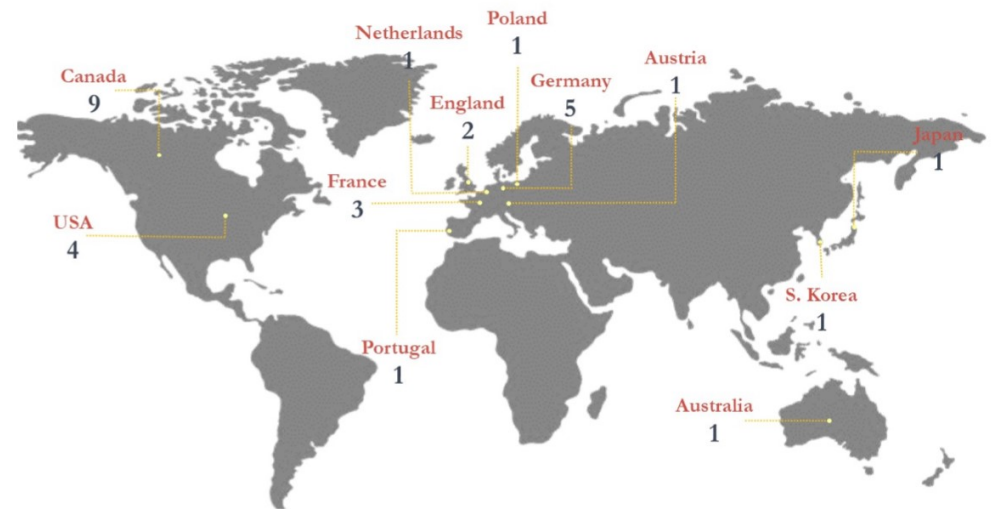
The 1st International Academia Partnership Platform

The first International Academia Partnership Platform of the Amirkabir University of Technology was held on Saturday and Sunday, October 6th and 7th, in the following five specialized workshops: biotechnology, water resources management, nanotechnology and materials, oil and gas, and the Internet of things and big data.

In this program, 30 foreign guests from 14 countries from all over the world met with 40 faculty members from universities across Iran and had specialized discussion sessions.

The Amirkabir University of Technology hosted international lecturers and researchers from Germany, Italy, Poland, Syria, France, Lebanon, Japan, Afghanistan, Turkey, the United States, Canada, Sweden, and Algeria in this specialized gathering. AUF and the National Foundation of Elites of Iran were the two main sponsors of this program. A noteworthy point was the presence of Iranian intellectuals and faculty members residing outside of Iran, which created a platform to define and approve initial educational and research projects in the five areas mentioned.

Sabbatical Destinations faculty members



Top Sabbatical Destinations

Canada
Germany
USA
France

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



**Office of Scientific & International
Cooperation**

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<http://campus.aut.ac.ir/intrel>

**ADVANCE YOUR KNOWLEDGE
ADVANCE YOUR POWER**

