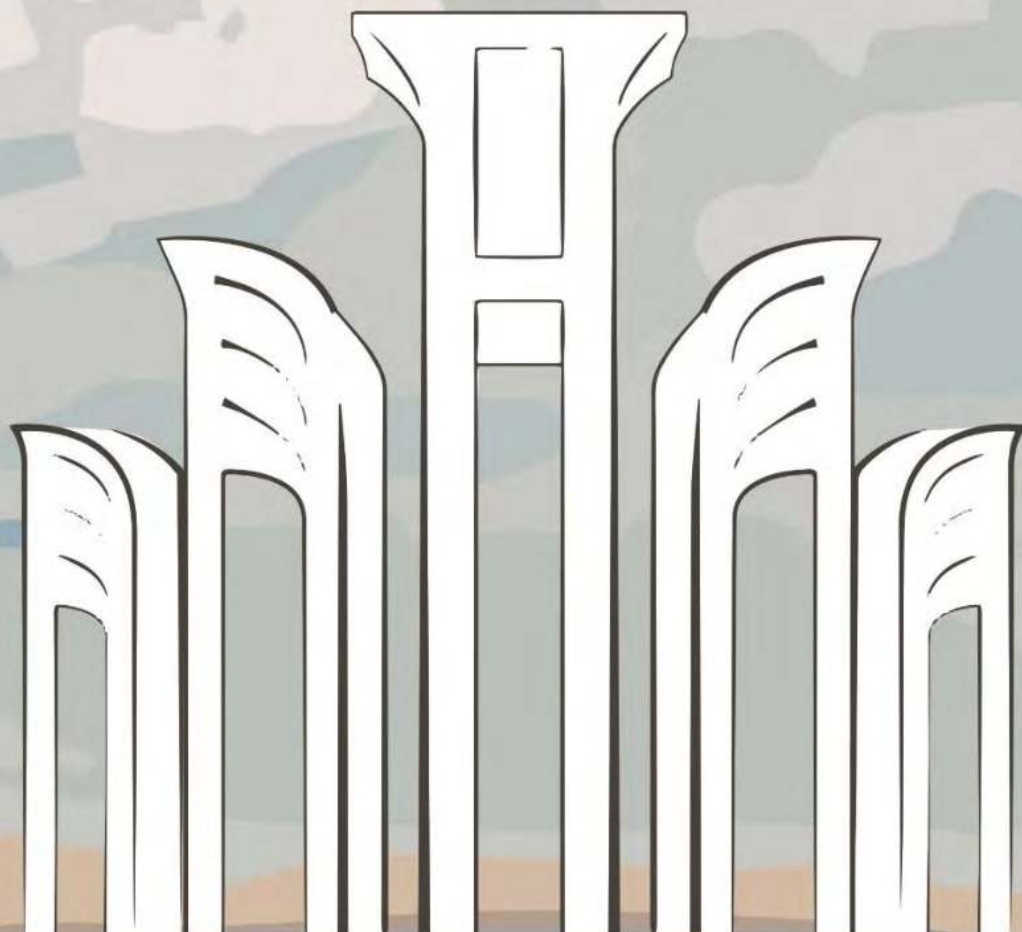


2023-24

A Comprehensive Review
on Achievements, Statistics,
and Facilities



Isfahan University of Technology



In the Name of God

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President's Statement



Since its foundation in 1977, Isfahan University of Technology has been engaged in an incessant marathon of exploring unfathomed grounds in technology, breaking through new horizons in science, erecting the pillars of a knowledge-based society, and handing over the torch of its traditions in research and learning to the next generation of engineers, scientists, and researchers. Without any doubt, the IUT scientific community has not only benefited from the so many industrial, manufacturing, agricultural, and service enterprises operating across the Province toward its achievements but also shared with them the research findings to boost both their further development and the local economy. It's some time now IUT is playing a major role in industrial and economic development at the state level, especially by conducting research of national significance and by manning enterprises of almost every nature with highly qualified graduates who are now steering businesses, government departments, research organizations, private sector, and what not. Moreover, IUT takes great pride in

fostering and hosting fledgling companies and spin-offs and in establishing public-private partnerships with many SMEs across the nation.

The University has made attempt in joining dynamic, growing, innovative faculty teams who are dedicated to research and provide world-class education in the three areas of pure and applied sciences, engineering and technology, and agricultural science and technology. With an increasing enrollment, IUT makes every effort to develop new degree and non-degree programs at undergraduate and graduate levels to respond to the growing needs of a rapidly developing nation for ever more qualified workforce and scientists. Recognizing the requirements of a competitive global arena, IUT management is cognizant of its responsibilities and of the demanding task of steering an academic center toward the ambitious goals of a nation proud of its history and in quest of a brilliant future.

The University has expanded its international and national cooperation with leading academic centers. Many cooperation schemes have been forged and many more are in the planning stage. Examples of on-going schemes include a cooperation scheme with CERN (the European Organization for Nuclear Research) and the Swiss Leading House that is in charge of scientific relations with universities in Switzerland within the framework of joint research programs and exchange of faculty and students.

In addition, a number of centers of excellence in different fields of science and technology have been established that not only serve as the foundations for research and education but also provide platforms for international academics and students for promoting their research and, thereby, contributing to areas of mutual interest. It is fair to say that such efforts would improve IUT faculty members and students to successfully compete and gain many international and national awards.

I would like to extend a most sincere welcome to academics and young scientists from around the globe to visit our campus, enjoy the facilities and academic atmosphere we have provided in our mini-town campus, and to join us as partners, visiting scholars, or researchers.



President of Isfahan University of Technology



Isfahan

A Mesmerizing City

The heart of art and architecture in Iran, Isfahan, is a city in central Iran with a dry continental climate and four diverse seasons.

This city is famous for its Perso-Islamic art and architecture that are manifested in monumental sites such as covered bridges, tiled mosques, palaces, minarets, paintings and artifacts. The Persian pun and proverb “Esfahan nesf-e jahan ast”, transliterated as “Isfahan is half of the world”, shows how famous this metropolis is.



Naghsh-e-Jahan (Imam) Square is designated as a World Heritage Site by UNESCO and as a masterpiece, it is one of the largest and most beautiful city squares in the world. The square is environed by Bazaars with a miscellany of handicraft shops, restaurants, coffee shops, etc.



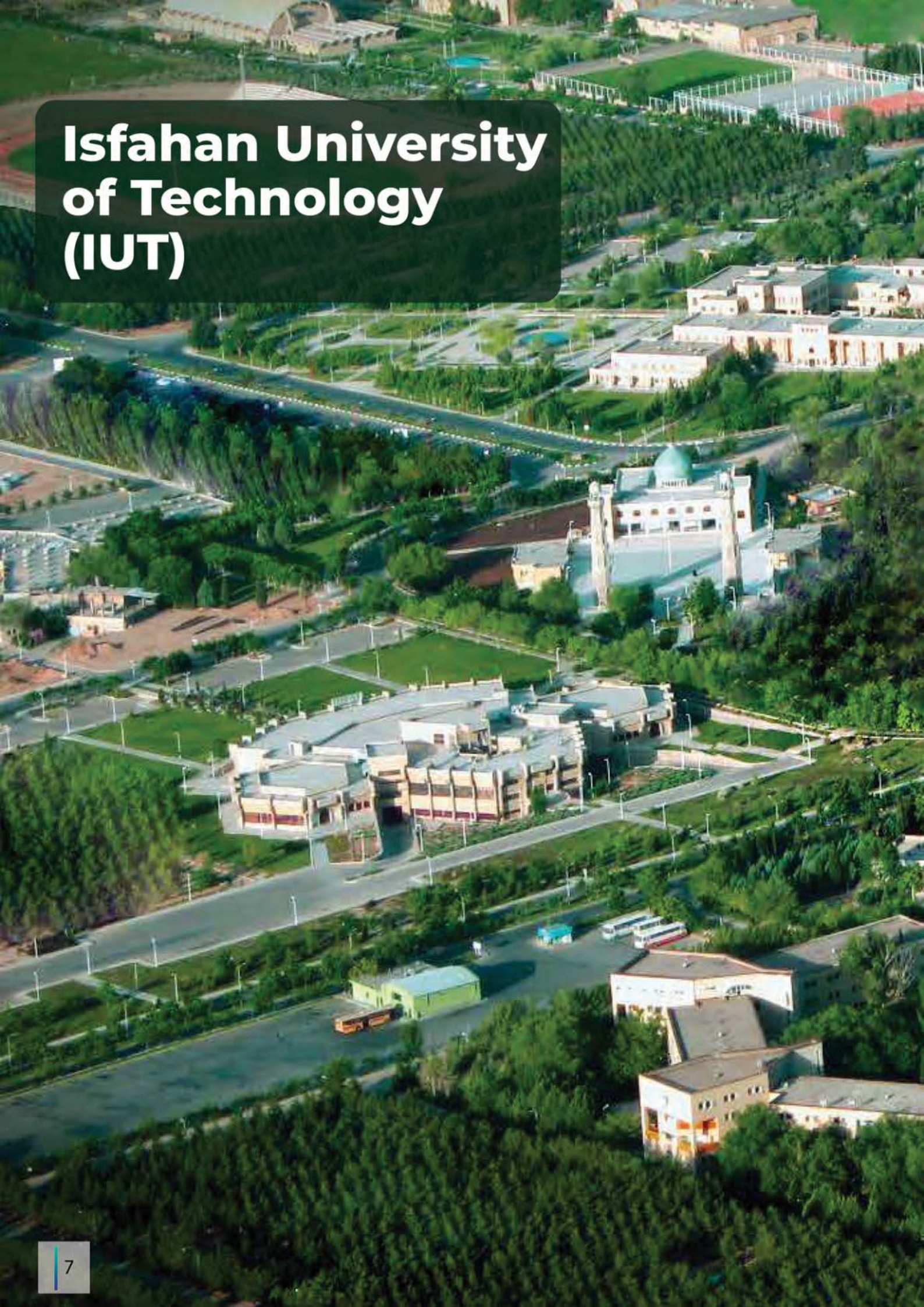
As a popular recreational gathering place which is also a historical place, **Allahveerdi Khan Bridge**, popularly known as **Si-o-se-pol** (the bridge of thirty-three arches) is a stunning monument on the Zayandehrud, the largest river of the Iranian Plateau, in Isfahan. Si-o-se-pol was built between 1599 and 1602.



The **Khaju Bridge** is described as Isfahan's finest bridge that serves as a bridge, a dam and a place for public meetings. The Khaju Bridge was built around 1650.



Isfahan University of Technology (IUT)





Isfahan University of Technology (IUT) is a comprehensive university located 5 kilometers (15 minutes' drive) Northwest of Isfahan City and on a 2300-acre land from which 400 acres have been allocated to the main campus which is a self-contained campus resembling a small town and gives a view of the farmlands and orchards of Isfahan suburbs. It encompasses all the educational and research buildings as well as modern dormitories to accommodate 5,000 students, and also residential quarters to house the academic staff in semi-detached houses. To provide facilities for the students and staff, IUT also offers a health service center, shopping sports and recreation centers inside the campus. Furthermore, shuttle buses run every 12 minutes to and from Isfahan City to make easy access of students to the downtown and different districts of the city. There are also a green space and tranquil environment that make a pleasant life to the IUT students and staff.

Isfahan University of Technology,
founded in 1974 has the Largest
Single Campus in the Country.

IUT in Numbers

+10,000 Students

- +1,000 Doctoral students
- +3,000 Master's students
- +6,400 Bachelor's students



+56000 Alumni



498 Patents

26 Spin-offs

Initiator and founder of:

- Isfahan Science and Technology Town (ISTT)
- Isfahan Mathematics House (IMH)
- Information & Communication Technology Institute (ICTI)
- Subsea Research and Development Center (SRDC)
- Sheikh Bahaei National High-Performance Computing Center (SNHCC)

For the last 3 years:

■ Entrepreneurships

- 66 Events
- 80 Workshops
- 55 Innovative Projects

■ Marketing

- 63 Commercialized technologies and innovations

Sheikh Bahaei National High Performance Computing Center :

- Sheikh Bahaei National High Performance Computing Center is one of the most prominent HPC centers in Iran which is equipped with powerful processing resources and up to date infrastructure. This center provides widespread types of computing services to both national and international researchers and students in various fields. Applicants can get more information and access the services by visiting hpc.iut.ac.ir.



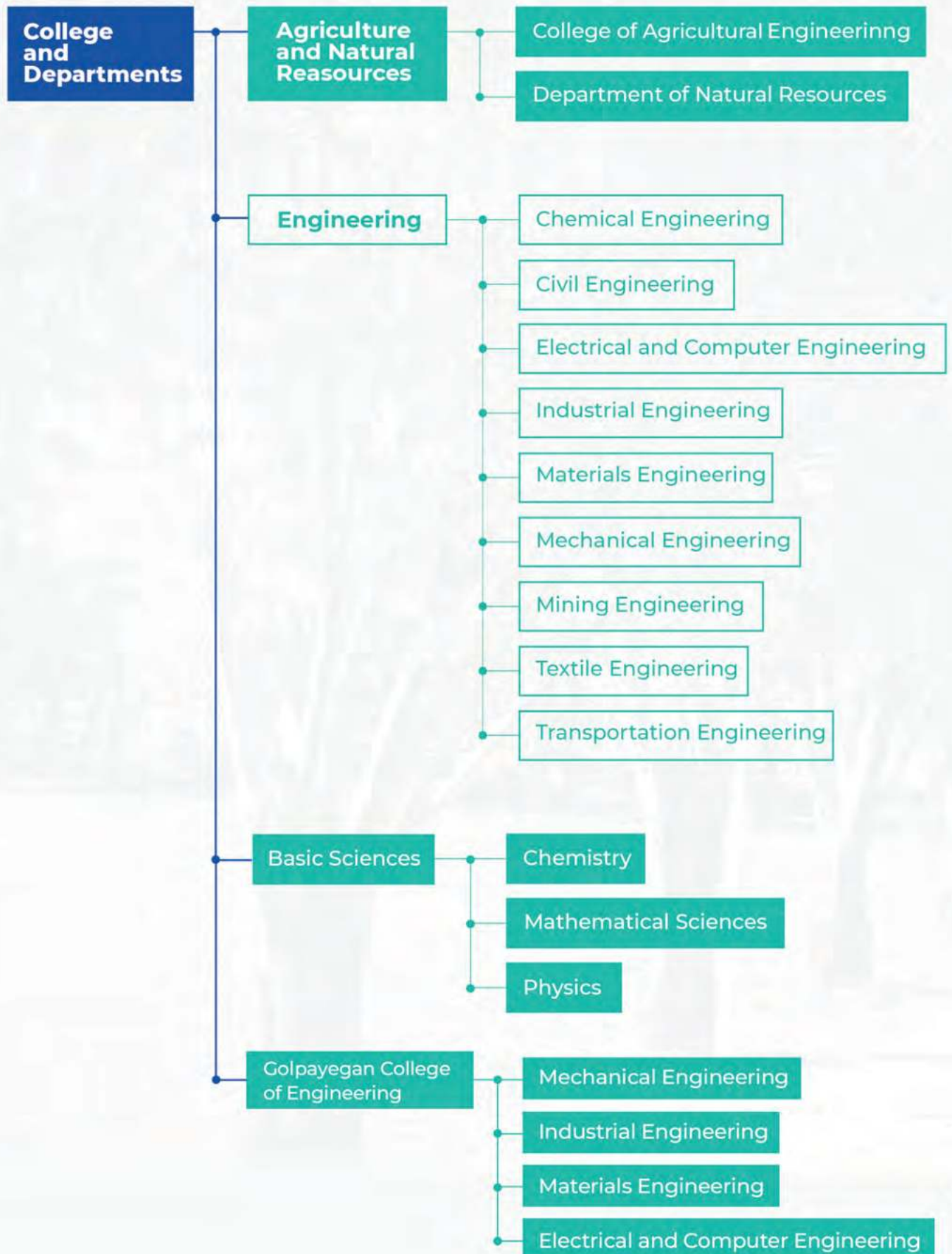
IUT Mission and Vision

Isfahan University of Technology, as a prestigious scientific institution with a rich history and a campus encompassing a unique city-like space for an integrated community, is duty-bound to create, develop, and spread knowledge in science, technology, and other related areas. In this direction, with providing a dynamic, illustrious and proper environment for education and research excellence in a high global level, the University aims at training empowered, entrepreneur, ethical and responsible students to meet the fundamental needs of their society. As the main focal point of science and technology in Isfahan province, and with making partnership with other institutions and organizations, this international institution takes on commitment to be efficient and pioneer in sustainable development and respond to the significant local, national, and global challenges with having an outlook on the Iranian-Islamic civilization.

IUT will optimally use its resources to be a leader in:

- Science, technology, and social dialogue
- Science and technology resources to be an outstanding place for academics, nationally and internationally, and institutions with access to IUT innovative achievements in education and research
- Being pioneer in training competent students characterized by specialty, professional, social, creative, and self-esteem criteria parallel to the global standards. These students will be fully capable to shoulder the responsibilities assigned to them in the route of sustainable development
- Becoming highly efficient in making policies, plans, and decisions in economic, environmental, social, and cultural developments
- Fostering a knowledge-based society in which social and cultural aspects and knowledge-based economy are in focus

Colleges and Departments





IUT is among the top 250 world universities under 50 with over 56,000 alumni.

National & International Outlook

IUT in International Rankings

- 1001-1200
- Among Top 250 Universities under 50
- #177 in Asia
- 1st Iranian University in Agriculture and Forestry
- #40 among Islamic World Universities

THE World University Rankings 2023

THE WORLD UNIVERSITY RANKINGS 2022 YOUNG

THE WORLD UNIVERSITY RANKINGS 2022 ASIA

QS WORLD UNIVERSITY RANKINGS 2022^{*} by subject

ISC World University Rankings 2022

46

Centers and Groups



- 8 Educational Centers
- 7 Research Centers
- 25 Research Groups
- 6 Centers of Excellence

182

Academic Programs



- 33% Ph.D programs
- 52% M.Sc programs
- 15% B.Sc programs





Education

As a university under 50 years of age, IUT is a young university that has been acquiring great competences in education since starting its activities in 1977. With more than 10,000 enrolled Bachelor, Master, and Doctoral students, IUT has sustained a steady growth in education programs. To improve a high level of quality in education, IUT is constantly working on the development of its strategies in educational innovations with high standards of technology advancements around the world.

Education at IUT aims at:

- Promoting a type of education in which exceptional talents and vibrant personalities are fostered to be sought after by business and society.
- Strengthening recruitment measures for admitting highly skilled students nationally and internationally. Our national Bachelor, Master, and Doctoral students are admitted through a nation-wide entrance examination and since IUT is among the top five universities of the country, this type of admission guarantees a high degree of success for our students. Annual statistics reveal that a considerable number of our undergraduate students are usually admitted to Master programs being offered by IUT and other accredited universities across Iran and the world. Similarly, many of Master graduates are admitted to Doctoral programs in prestigious international universities.
- Broadening different teaching approaches including in-person teaching, e-learning, and further self-study methods.

Degree Programs

Agricultural Engineering

Degree Program	B.Sc	M.Sc	Ph.D
Agricultural Biotechnology			
■ Agricultural Biotechnology		■	■
Agronomy and Plant Breeding			
■ Plant Production and Genetics	■		
■ Plant Genetics and Breeding		■	■
■ Agrotechnology – Crop Physiology		■	■
Animal Sciences			
■ Animal Science	■		
■ Animal and Poultry Physiology		■	■
■ Animal Nutrition		■	■
■ Animal Breeding and Genetics		■	■
Biosystems Engineering			
■ Biosystems Engineering - Mechanics of Agricultural Machinery	■		
■ Biosystems Engineering - Design and Development		■	
■ Postharvest Technology		■	
■ Design of Agricultural Machinery			■
Food Science and Technology			
■ Food Sciences and Engineering	■		
■ Food Sciences and Engineering - Food Engineering		■	■
■ Food Sciences and Engineering - Food Biotechnology		■	■
■ Food Sciences and Engineering - Food Technology		■	■

Horticulture Science and Engineering

Horticulture Science and Engineering	■		
Horticulture Science and Engineering - Pomology		■	
Horticulture Science and Engineering - Ornamental Plants		■	
Horticulture Science and Engineering - Greenhouse Crop Production		■	
Horticulture Science and Engineering – Production and Postharvest Physiology of Horticultural Plants			■

Plant Protection

Agricultural Engineering - Plant Protection	■		
Agricultural Engineering - Entomology		■	
Agricultural Engineering – Plant Pathology		■	■

Rural Development

Rural Development		■	
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Soil Science and Engineering

Soil Sciences and Engineering	■		
Soil Resource Management - Soil Physics and Conservation		■	■
Soil Resource Management - Soil Resources and Land Evaluation		■	■
Soil Fertility Management and Soil Biotechnology - Soil Chemistry and Fertility		■	■
Soil Fertility Management and Soil Biotechnology - Soil Biology and Biotechnology		■	■

Water Sciences and Engineering

Water Sciences and Engineering	■		
Irrigation and Drainage		■	■
Hydraulic Structures		■	
Water Resources Engineering		■	

Chemical Engineering

Degree Program

B.Sc

M.Sc

Ph.D

Chemical Engineering

Chemical Engineering	■		■
Polymer Engineering	■		■
Petroleum Engineering	■	■	
Biotechnology		■	
Chemical Engineering - Separation Processes		■	
Chemical Engineering - Transport Phenomena		■	
Chemical Engineering - Process Design		■	
Petroleum Reservoir Engineering		■	
Polymer Engineering - Processing		■	
Chemical Engineering - Separation Processes (E-Learning)		■	
Chemical Engineering (E-Learning)			■

Chemistry

Chemistry

Analytical Chemistry		■	■
Analytical Chemistry (E-Learning)		■	■
Applied Chemistry	■		
Inorganic Chemistry		■	■
Nano-Chemistry		■	
Organic Chemistry		■	■
Organic Chemistry (E-Learning)		■	■
Physical Chemistry		■	■
Pure Chemistry	■		

Civil Engineering

Degree Program	B.Sc	M.Sc	Ph.D
Civil Engineering			
■ Civil Engineering	■		
■ Structural Engineering		■	■
■ Water and Hydraulic Structures Engineering		■	■
■ Water Resources Management		■	■
■ Environmental Engineering		■	
■ Highway and Transportation Engineering		■	
■ Geotechnical Engineering		■	■
■ Structural Engineering (E-learning)		■	■

Electrical and Computer Engineering

Electrical Engineering

Biomedical Engineering			
■ Bioelectric	■	■	
Communications			
■ Communications	■		
■ Communications - Systems		■	■
■ Communications - Fields and Waves		■	■
■ Communication Networks		■	
Control			
■ Control Systems	■	■	■
Electronics			
■ Electronics	■		■
■ Integrated Circuits		■	
Power			
■ Power	■		■
■ Power Electronics, Electric Machines and Drives		■	
■ Power Systems		■	

Computer Engineering

Computer Engineering

Software Engineering	■	■	■
Hardware Engineering	■	■	■
Artificial Intelligence		■	■
Information Technology Engineering	■		
Computer Security	■		
Intelligent Computer Systems	■		
Artificial Intelligence (E-Learning, Course Based)		■	

Industrial and Systems Engineering

Industrial and Systems Engineering

Industrial Engineering	■		■
Systems Optimization		■	
Logistic and Supply Chain		■	
Macro Systems		■	
Industrial Engineering - Engineering Management (E-Learning, Course Based)		■	

Materials Engineering

Materials Engineering

Materials Engineering	■		■
Materials Engineering - Extractive Metallurgy		■	
Materials Engineering- Identification & Selection of Materials		■	
Materials Engineering - Corrosion & Protection		■	
Materials Engineering - Welding		■	

Degree Program

B.Sc

M.Sc

Ph.D

- | Degree Program | B.Sc | M.Sc | Ph.D |
|--|------|------|------|
| ■ Biomedical Engineering - Biomaterials | | ■ | ■ |
| ■ Materials Engineering - Metals Casting | | ■ | |
| ■ Nanotechnology Engineering - Nanomaterials | | | ■ |

Mathematical Sciences

Mathematical Sciences

- | Degree Program | B.Sc | M.Sc | Ph.D |
|--|------|------|------|
| ■ Statistics | ■ | | ■ |
| ■ Mathematics and its Applications | ■ | | |
| ■ Statistics - Environmental and Economical Statistics | | ■ | |
| ■ Applied Mathematics | | ■ | ■ |
| ■ Pure Mathematics | | ■ | |

Mechanical Engineering

Mechanical Engineering

- | Degree Program | B.Sc | M.Sc | Ph.D |
|--|------|------|------|
| ■ Mechanical Engineering | ■ | | |
| ■ Mechanical Engineering - Applied Design | | ■ | ■ |
| ■ Mechanical Engineering - Energy Conversion | | ■ | ■ |
| ■ Mechanical Engineering - Manufacturing and Production | | ■ | ■ |
| ■ Dynamical Systems and Mechatronics | | ■ | ■ |
| ■ Mechanical Engineering - Applied Design (ELearning) | | ■ | ■ |
| ■ Mechanical Engineering - Energy Conversion (ELearning) | | ■ | ■ |

Mining Engineering

Degree Program

B.Sc

M.Sc

Ph.D

Mining Engineering

Mining Engineering	■		
Petroleum Engineering - Exploration		■	
Mining Engineering – Mine Exploration		■	■
Mining Engineering - Rock Mechanics		■	■
Mining Engineering - Mineral Processing		■	■
Mining Engineering - Mine Exploitation		■	■

Natural Resources

Natural Resources

Fisheries Sciences and Engineering	■		
Environmental Sciences and Engineering	■		■
Nature Engineering	■		
Fisheries Sciences and Engineering - Aquaculture		■	■
Fisheries Sciences and Engineering - Aquatic Ecology		■	
Environmental Sciences and Engineering - Biodiversity Management and Conservation		■	
Environmental Sciences and Engineering - Environmental Pollution		■	
Environmental Sciences and Engineering - Environmental Assessment and Land Use Planning		■	
Range Sciences and Engineering - Range Management		■	
Range Sciences and Engineering - Medicinal and Industrial Plants		■	
Desert Management and Control		■	
Watershed Management Sciences and Engineering - Soil and Water Conservation		■	
Watershed Management Sciences and Engineering - Flood and River Engineering		■	
Range Sciences and Engineering			■

Physics

Degree Program

B.Sc

M.Sc

Ph.D

Physics

■ Physics	■		
■ Particle Physics and Field Theory		■	■
■ Condensed Matter Physics		■	■
■ Nuclear Physics		■	■

Textile Engineering

Textile Engineering

■ Textile Engineering - Fiber Science	■	■	
■ Textile Engineering - Textile Chemistry	■		
■ Textile Engineering - Textile Technology	■	■	■
■ Textile Engineering - Apparel	■	■	
■ Textile Engineering - Technical Textile	■		
■ Textile Engineering - Textile Chemistry and Color		■	
■ Textile Engineering and Fiber Science			■

Transportation Engineering

Transportation Engineering


■ Transportation Planning	■
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Language Center

English Language

■ Teaching English as a Foreign Language	■
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E-Learning and Open Learning Center

This center is active in four main fields of “E-learning, Open Learning and Language Courses, Webinars, and Official GRE and TOEFL iBT exams.” The center aims at improving the quality of education at IUT. Furthermore, as the demand for higher education is growing and more people are gravitating toward E-learning especially for higher education, IUT is presenting a variety of electronic courses in the Open Learning Center. Currently, this center offers M.Sc. degrees in:

- Computer Engineering - Artificial Intelligence
- Industrial Engineering - Project Management (Innovation and Technology Management)
- Applied Mathematics.

The majority of educational activities such as registration, selection of credits, attending the classes, and interaction with instructors are done electronically while students should attend in mid-term and final exams and also some laboratory, practical and problem-solving classes.

IUT Open Learning Center also presents short-term courses as complementary to classic education for students and staff at IUT as well as learners from other organizations. This center is equipped with electronic and audiovisual facilities, computer workshops, and seminar halls. Upon completion of the courses, formal certificates will be issued by this center for the learners.






The Workshop Center offers practical courses for the engineering students. By gaining skills in this center, students can make the tools they might need for their research projects. The Workshop Center is also a place for making Instruments and tools needed for research by the departments.



Research Perspective



Having achieved the first place for the highly cited research papers among Iranian universities, IUT has made a consequential contribution to the Iranian society and also has secured its international outlook. There are many research activities in plenty of areas on which IUT has put emphasis by having research scientists who are prominent figures in many specialist fields in basic sciences, engineering and agriculture. Young researchers are more likely to obtain a thriving academic career if they work with professional mentors with different areas of expertise, and the University's research bedrock is founded on the knowledge of mentors who are successful and professional themselves and apt for training successful mentees. In this capacity, the university is highly influential in expanding knowledge base, and providing the ground for its future applications, innovations and manufacturing technologies.

Research Areas in Focus

- 1 Environmental Technology and Safety
- 2 Biotechnology
- 3 Nanotechnology
- 4 Advanced Materials and Polymer
- 5 Aerospace
- 6 Health Sciences and Technology
- 7 Domestic Technology
- 8 Transportation
- 9 Energy
- 10 Water, Salinity and Drought Management
- 11 Information and Communication Technologies

Research Centers

Avionics Research Center (ARC)

ARC is located adjacent to the Department of Electrical and Computer Engineering and includes three active research groups of "Simulators, Flight Guidance and Control group", "Systems and Test Equipment Group", and "Systems Integration Group". "Digital Communication Systems Lab" and "Flight Control & Formation Lab" are available for the researchers at ARC to develop and enhance this center's industrial products and services.

Water and Wastewater Research Center

This research center's activities are generated by the main three groups of "Water Resources", "Water Quality", and "Human Resources Management and Productivity" by which efforts are made to develop and optimize technology for the treatment of water and wastewater and satisfy the needs of industry and the community. To fulfill this aim, this center is in close connection with industrial partners such as Isfahan Province Water and Wastewater Company, Isfahan Regional Water Authority, and Isfahan Department of Environment.



Steel Research Center

To establish close cooperation as well as respond to research and educational requirements by steel industries, Steel Research Center was founded in 2007 at Isfahan University of Technology. This center has started its close cooperation with Mobarakeh Steel Co. which is the largest steel production plant in Iran, since 2018.

Strategies and performance areas of SRC:

- Scientific and Industrial Support
- Applied and Developmental Research
- Networking in Steel Industry
- Technological and Strategic Intelligence
- Idea and Innovation Management
- Observatory in Steel Industry
- Development and Commercialization of Strategic Technologies

This Research Center comprises nine research groups including:

- New Steel Grade Development
- Production Process Development
- Technology Development
- Raw Materials Procurement Strategy
- Green Management (Solid Waste, Waste Water, Air Pollution)
- Utility Development in Steel Industry
- Standard Setting and Improving the Technical Knowledge of Steel Industry Employees
- Development and Upgrading of Laboratories & Pilot Plants
- Information Technology and Industrial Automation.



[A Laboratory at Steel Research Center]

Information and Communication Technology Institute (ICTI)

ICTI was founded in 1984, and is the first and one of the greatest research institutes at IUT in the field of electrical engineering, for doing applied research in the areas of communications, computers and electronics. The principal mission of the institute is research along with developing new techniques and solutions in specified areas, including theoretical analysis, feasibility studies, high-tech systems design, technological problem solving, and industrial products. This institute has successfully completed many projects, most of which have been under grants, contracts and interactions with other national industries and research centers. Several graduates of IUT have completed their M.Sc. or Ph.D. theses on the subjects defined and supported by ICTI. The growth of its excellence and fulfilled activities and also the scope of its research have turned it to a well-known institute in the country with having received various IUT and national awards.

Subsea Research and Development Center (SRDC)

The Subsea Research and Development Center (SRDC) was established in Isfahan University of Technology in 1984. It includes three research groups, a workshop, and a number of laboratories.

The main goals at SRDC are specified as:

- Research leading to development of advanced marine technology,
- Achieving a collection of scientific marine engineering research resulting in generation of applied sciences and engineering know-how.
- Training specialized personnel, compiling and publishing practical findings and maritime research at national and international scales.

Research Institute for Biotechnology and Bioengineering

Research Institute for Biotechnology and Bioengineering was organized at Isfahan University of Technology in 2009. This research institute has targeted many areas of activities such as establishing the importance and effectiveness of biotechnology in society, preparing the national requirements in biotechnology research fields, and expanding interdisciplinary biotechnology-related research programs, to name a few among many.





Research Institute for Nanotechnology and Advanced Materials (RINAM)

Research Institute for Nanotechnology and Advanced Materials at Isfahan University of Technology was founded in 2008. At present, the institute consists of three specialized research groups, namely Nano and advanced materials, Nanoscience, and Nanoengineering. The research in the institute covers a wide range of nano-related activities, like electrospinning and electrospraying, producing a wide range of nanostructures and nanocomposites. The twelve members of the scientific committee of the institute are faculty members from the Departments of Material Engineering, Chemistry, Physics, Textile Engineering as well as the Institute.

IUT Central Laboratory

The Central Laboratory at Isfahan University of Technology supports the faculty, researchers, and students of the University and other institutes of the country. Having various specialty laboratories in the departments and research institutes, this laboratory has always been providing the most modern and high-tech equipment in a wide range of engineering, basic and agricultural sciences for all researchers. This center provides valuable services for the scientific growth and development of the University and the country through laboratory services and professional consultations provided by our competent experts.

During its short life, this laboratory has had a very significant annual growth in presenting laboratory services. Furthermore, numerous visits of researchers from prestigious universities of the country show how reliable and accurate the performance of this laboratory is. With its advanced, modern, and state-of-the-art equipment, the Central Laboratory is ready to offer and extend its research services in various and sundry forms such as measuring and analyzing the results in experimental research and running simulations for all researchers from national universities and industries.





The background of the page is a photograph of a library. In the foreground, a person's arm and hand are visible, pointing at a computer monitor. The person is wearing a grey long-sleeved shirt. The monitor is on the right side of the frame. In the background, there are wooden bookshelves filled with books. The lighting is warm and slightly dim, typical of an indoor library space.

IUT Central Library

The Central Library of IUT is a wonderful collection of different data bases, books, e-books, journals, theses & dissertations that provides many services on its digital platforms. In this collection, students can have easy access to a PC to search e-resources, periodicals, and many more resources on the book shelves in both Persian and English languages. There are study halls and reading rooms with wi-fi available for both individual and group works.



Innovation and Technology Commercialization Center (ITCC)

Innovation and Technology Commercialization Center (ITCC) of Isfahan University of Technology is established to facilitate the university and industry relations by providing up-to-date methods in a customized structure. ITCC invests on practical research to increase technology readiness level in order to be transferred to the corresponding industry. ITCC has three main departments consisting of "Innovation Office," "Technology Transfer Office," and "Entrepreneurship Office" that each of them concentrates on a specific area to complete the whole chain of innovation and technology commercialization.

The Innovation Office provides financial support, equipped private office, related mentoring and accessibility to a wide range of laboratory materials and equipment for research teams to develop knowledge-based products and methods, and increase their technology readiness level. Currently, the existing technologies cover different fields such as Nanotechnology, artificial intelligence, agricultural and food products, biotechnology, high-tech laboratory equipment, advanced materials, polymeric products, etc.

Technology Transfer Office accelerates technology commercialization in a flexible and legally safe infrastructure by providing a variety of services including market research, technology valuation, share allocation, patent arbitration, and professional consultation in filing business plan and business model design. This department has also developed different types of investment and technology transfer contracts to smooth and boost the technology commercialization path.

Entrepreneurship Office's mission is to strengthen soft skills of graduate and undergraduate students by holding a wide variety of workshops and events in the field of entrepreneurship from fundamental to professional levels. The center also provides an attractive co-working space and seed money for startups to boost their ideas and be able to raise fund for the next steps.

Isfahan Science and Technology Town (ISTT)



Isfahan Science and Technology Town, initiated by IUT faculty members in 1993, encompasses many Science Parks and Incubators in an area of 520 ha. Its vicinity with IUT has created a great opportunity to establish close links and collaborations with large industries to meet a sustainable economic growth. This town is a large place where a combination of different divisions such as spin-off companies, manufacturing and service companies, research centers and governmental R&D units and organizations are clustered to meet its all-pervasive objectives.






Partnership with **Industry**

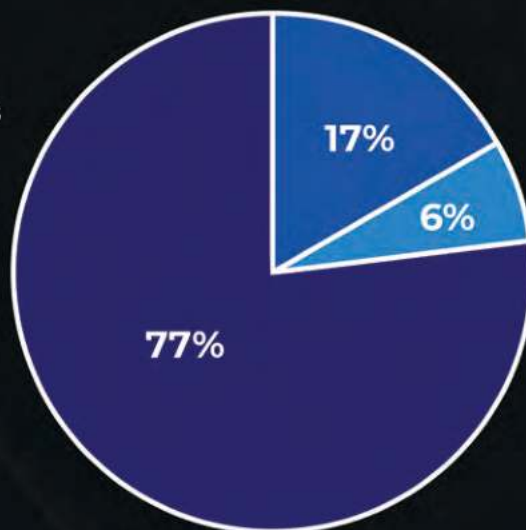
IUT

is actively making partnerships with industry and business. These partnerships are built on the premise that the University is well-equipped by excellent technical infrastructures and research facilities that are critical in solving industrial challenges and consequently, the university partners can promote their products and services. IUT is not only in connection with large corporations such as Steel Companies, aerospace and subsea industries; it has also made partnerships with small and medium-sized corporations. As the University is always in connection with industry through partnerships, it is provided with abundant feedback from practical applications which is itself positively mirrored in the scientific research and development of the University. Therefore, collaboration with large industrial companies is very significant for IUT. The following companies and organizations are some of the main partners of IUT, to name but a few.

- **Steel Companies**
- **National Oil Refining and Gas Companies**
- **Ministry of Agriculture & Department of Environment**
- **Water and Waste Water Company**
- **Ministry of Industries and Mines**
- **Isfahan Municipality**

IUT Joint Industrial Projects

	Number of projects
 Agriculture and Natural Resources	529
 Basic Sciences	183
 Engineering	2386
<hr/>	
Total Projects:	3098



More IUT Services and Facilities

Schools Complex

There are primary and high schools on the campus of the University for the students' and staff's children to pursue their studies. However, since there are limitations on the schools' space and admission, both resident and non-resident students are admitted and enrolled after passing the entrance exam held each year in June.

Day Care Center

The students and staff having children below the age of five can be relieved of childcare while they have classes or are at work because "the Nursery and Day Care Center" with a qualified and reliable personnel can take care of their children during that time.





The University Healthcare Center

The University Healthcare Center offers full-time and different services for all the university staff and students. Except for the patients that should be hospitalized, the ones with minor illnesses are treated in sick bay. Physicians and dentists are available within the office hours for all residents.

Counseling and Psychological Services Center

Since 1989, a professional staff with scientific methods has been working in this center to look after mental health and prevent social and psychological harms among academics, especially students. The center provides services on counseling (clinical, educational, occupational, premarital preparation, family relationships, individual and spiritual development), psychotherapy, social work, and psychological assessment and evaluation. This center also organizes workshops, seminars, conferences, symposiums, and competition events, and develops educational packages on mental health promotion, quality of life, social-psychological damages, marriage, etc.

This center also takes action on performing the “National Plan of Mental Health Card” for freshmen every year and is involved in other national and intra-university research on students’ mental health. Also, the Student Association of Mental Health Assistants works under the supervision of the center aiming at using the students’ potentials in performing services related to mental health state of the University’s students.

Restaurants

The Restaurants at IUT, running under the supervision of the vice-presidency for Students' Affairs, cater to the students and staff who can have their lunch at a subsidized price. The students who live on campus can also have their breakfast and dinner at these restaurants or other places such as cafeterias and other restaurants available on campus that offer a variety of foods for every mealtime.



On-Campus Guest House

Hasht Behesht Guest House at Isfahan University of Technology was inaugurated in February 2019. This delightful and elegant place is located in a distance of 5 kilometers from Isfahan City and is featured with excellent facilities, a tranquil environment and a wonderful view. With a warm hospitality and 63 double and triple rooms on three floors, Hasht Behesht is ready to welcome guests.



Sports Center

All residents of the campus can enjoy a miscellany of sporting services available in the Sports Center which offers excellent facilities such as a large indoor swimming pool with steam and dry sauna, as well as a small pool for children, a large football field encircled by a track and field court, three small grass football fields, two tennis courts, three fitness centers, an outdoor basketball court, a wrestling hall, a gymnastic hall, a martial arts hall and a table tennis hall. Moreover, there are multi-purpose indoor sport halls with volleyball, basketball, badminton, athletics, and fitness facilities in the dormitory complex. The sports center organizes intra-mural competitions and takes part in university competitions across the country.



The background of the entire page is a blurred photograph of students in a classroom. On the right, a female student wearing a black hijab is smiling and looking down at a book or paper. On the left, another student is partially visible, also looking down. The overall tone is educational and positive. There is a solid teal rectangular block in the top right corner.

Admission for **International Students**

Why study at IUT?

Every year we welcome the international student population at IUT with offering an excellent range and choice of study. Our international student population comes from culturally-diverse countries. The historical city of Isfahan with a multicultural and monumental environment provides the ideal and idyllic base for them to study in Iran. We ensure students that by choosing IUT, they will leave others behind in the competition of leading their way to career and business. We are part of the reputable IUN (Isfahan Universities Network) and our international relationships are recognized across the world and our support for international students is what we tend to bolster every day.



Admission Information

A limited number of students' applications are accepted for each department and degree program based on a competitive admission procedure.

Language Proficiency Requirements

For the applicants who want to take Persian courses, holding a Persian language certificate from one of the official Persian language Centers in Iran is required.

Screening

- 1 International applicants will be selected based on document screening. International students should be aware that their submitted documents will be scanned and reviewed by members of the screening committee.
- 2 Some departments may carry out an interview for the admission.

Admission Schedule

	Spring (all Programs)	Fall (all Programs)
Application Deadline	15 October	End of May
Result Notification	Early December	Early July
Spring Semester begins in early <i>February</i>		
Fall Semester begins in early <i>September</i>		

Please send all your application documents online to **international@iut.ac.ir** (the applicants must deliver the original documents in person to the university after their admission when they are going to complete their enrollment procedure in Iran).

Required Documents

* Applicants can download all the required forms from:

<http://international.iut.ac.ir/how-to-apply>

- A.** Admission application forms (a color photo should be attached).
- B.** Two letters of recommendation from professors from one's previous university or institution.
- C.** Applicants for Bachelor's programs need to provide: Certificate of High School Degree (or certificate of expected graduation), and the related official transcript with a minimum GPA of 14.00 out of 20.00 or 2.8 out of 04.00 (translated into English).
- D.** Applicants for Master's programs need to provide: Certificate of Bachelor's Degree (or certificate of expected graduation), and the related official transcript with a minimum GPA of 14.00 out of 20.00 or 2.8 out of 04.00 (translated into English).

E. Applicants for PhD programs need to provide: Certificates of Master's Degree & Bachelor's Degree (or certificates of expected graduation), and the related official transcripts with a minimum GPA of 14.00 out of 20.00 or 2.8 out of 04.00 (translated into English).

F. Resume / Curriculum Vitae (no specific form).

G. The color scan of the applicant's passport and certified translation of ID card.

Accommodation & Facilities

Our university provides an accommodation with security and tranquility for the international students. A welcoming environment is waiting for students to come to IUT and benefit from the opportunity to live and study in the Iranian society. All of our accommodation is located within the university campus and very near to the University departments and buildings. IUT is like a very small city in which all necessary life facilities including a medical center, a School Complex (from kindergarten to higher education), and sports facilities (gyms, pool, sports courts & fields, free bicycles at dorms' campus, etc.) have been provided for the students, staff and faculty.

For students :

- Both single and family accommodations are available.
- All rooms have free internet connection.
- The dorms have their own study rooms, TV rooms and sports facilities. The dorms are located not more than 10 minutes of walking distance from the Main Campus.
- Shuttle buses run every 12 minutes to and from Isfahan City downtown and subway.
- There are also round-the-clock taxi services in the university campus.

On Campus* Cost of Living

	Item	Fee	Remarks
On campus	Housing	\$ 80 / per month	Shared room
	Dining	\$ 80 / per month	Breakfast, lunch & dinner
Health Insurance		\$ 50 / per month	

Off-campus costs are variable and depend on students' lifestyle.

International Students Office

The International Students' Office at Isfahan University of Technology is under the supervision of IUT International Scientific Cooperation Center. This office is engaged in an extensive range of activities relevant to international students' affairs, and constantly improves the educational and cultural affairs of the international students in order to consolidate International scientific relations, expand and foster Persian language and promote the Iranian Islamic culture and civilization. Efforts have been made to take more fruitful steps and new measures to provide better educational and welfare conditions for our international students.



This office addresses and facilitates admission procedure (helping to issue study visas, registration in the system of international students of the Ministry of Education, approval of documents, etc.), welfare affairs (including accommodation at dormitories, food, scholarship, insurance, etc.), educational affairs (including student admission, transfer, summer semester, graduation, final departure, etc.) and cultural activities (including consultation workshops on education, cultural-recreational camps, cordial meetings with officials, etc.).

International students can contact us at:

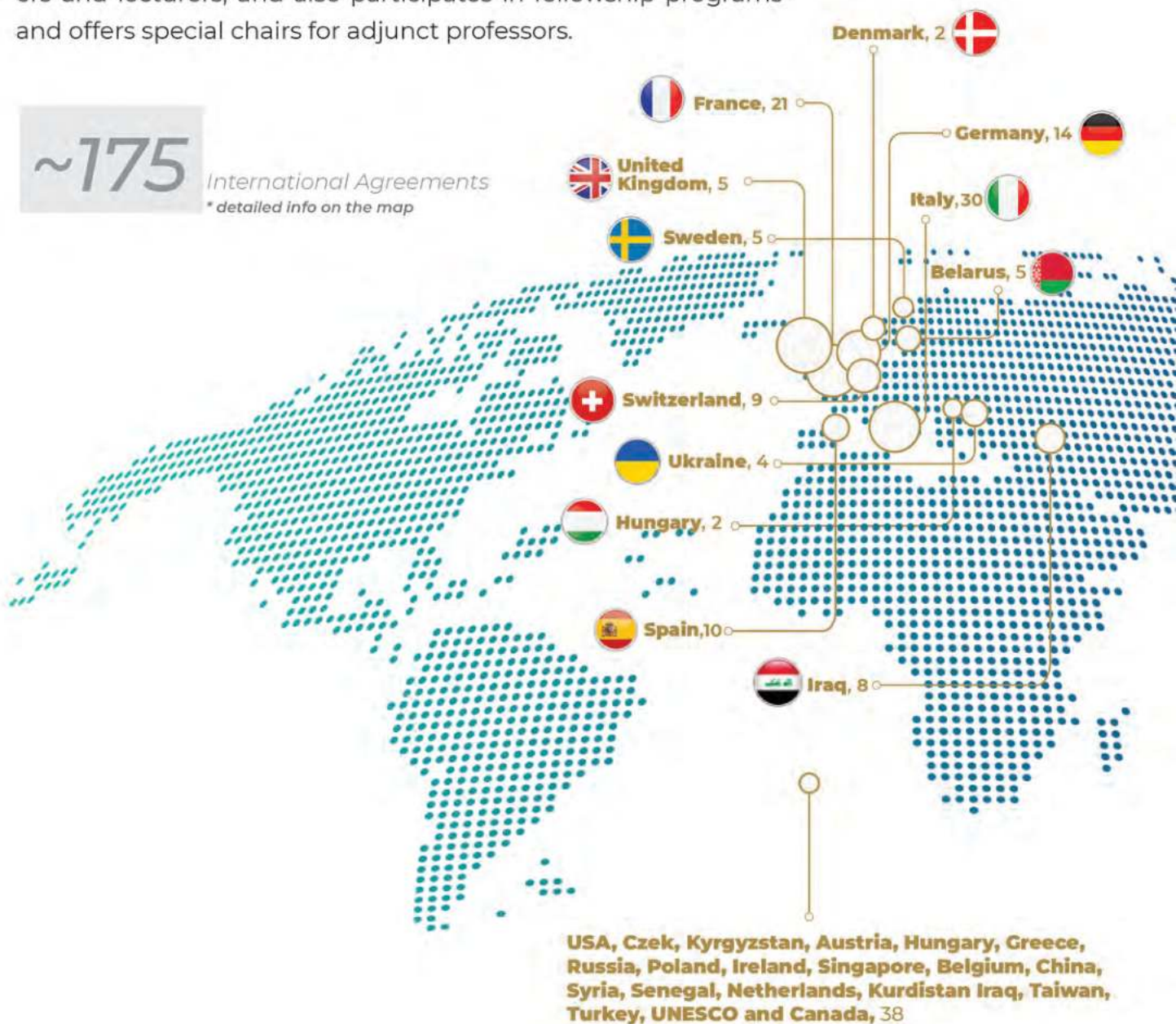
✉ Email: **international@iut.ac.ir**

IUT International Scientific Cooperation Center

For having high-quality research and outstanding academic programs, it is essential to be in collaboration with foreign universities. For this reason, IUT collaborates with a lot of universities all over the world. It provides exchange programs between researchers and lecturers, and also participates in fellowship programs and offers special chairs for adjunct professors.

~175

International Agreements
* detailed info on the map



The IUT International Scientific Cooperation Center (IUT-International) supports the University's commitment to internationalization process and coordinates services and programs for its faculty members, students, scholars, and alumni. This center also works on enhancing the Isfahan University of Technology partnership in international communities and industries and promotes the University's impact on society and strengthens its image and reputation at the international level and on a global scale.



International Collaboration Partners

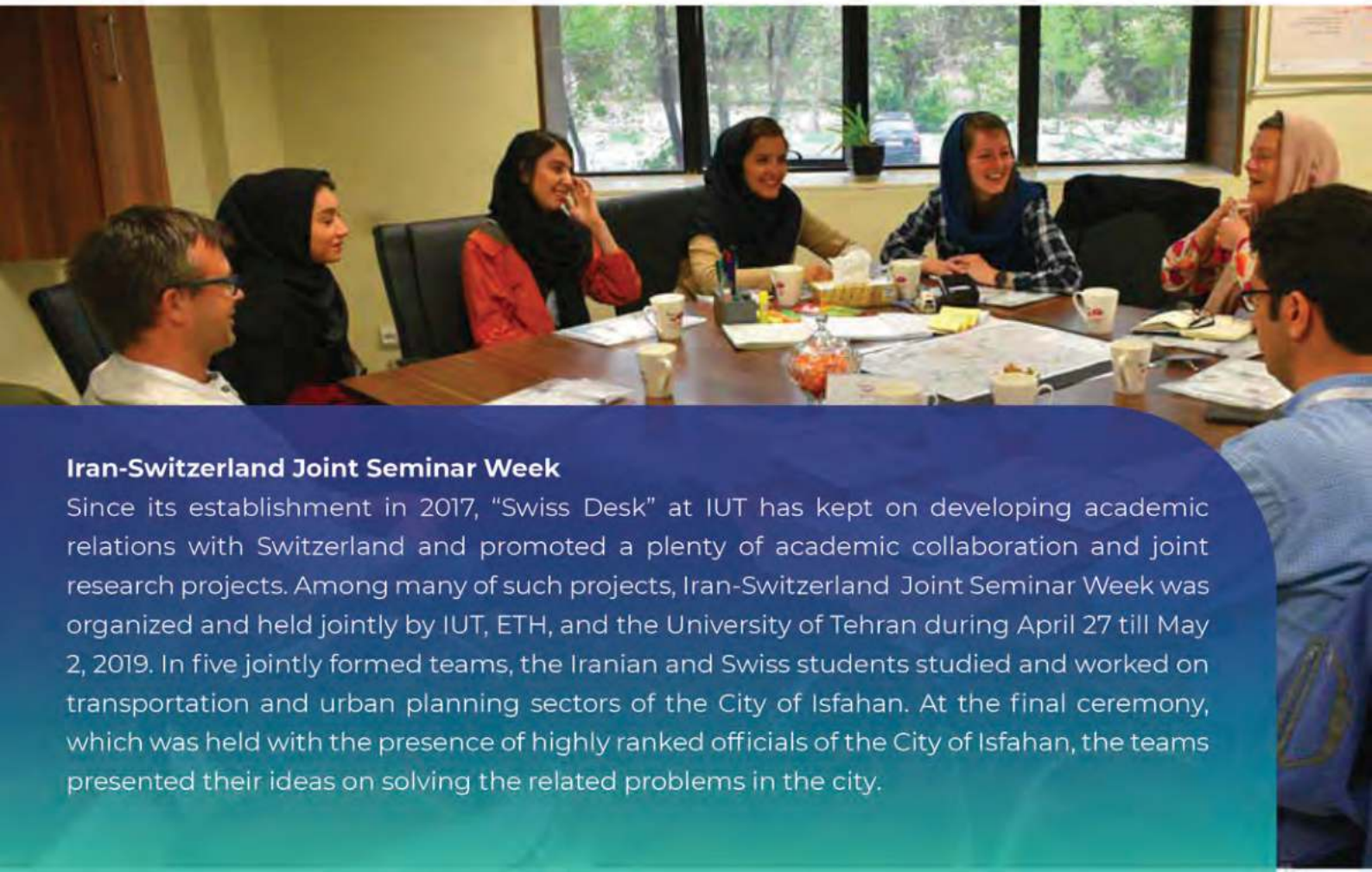
A strategic collaboration with several universities and institutes worldwide is an IUT priority to conduct high-quality research related to the research areas by the faculties. The IUT faculty members are in connection and collaboration with academic and industrial partners around the world, the most prominent ones being from Switzerland, Italy, Austria, China, Germany, and France, among many others.

International Educational and Research Cooperation

IUT-International is actively engaged in international exchange programs like Erasmus+, Horizon Europe, visiting scholars, sabbatical leaves, and cotutelle programs for both faculty members and Ph.D. students. This center is also responsible for invitation process of outstanding international scientists and researchers to offer short courses or lectures, and provides consultation services for the faculty and Ph.D. students at IUT. For making these collaborations more effective and sustainable, IUT has signed adjunct professorship agreements with several outstanding scholars from accredited universities around the world.

International Grants Office

To introduce international research grants to the students and faculty members, IUT-International established International Grants Office in 2018. This office also provides consultation services for the students and academic members who are looking for educational and research opportunities around the world.



Iran-Switzerland Joint Seminar Week

Since its establishment in 2017, "Swiss Desk" at IUT has kept on developing academic relations with Switzerland and promoted a plenty of academic collaboration and joint research projects. Among many of such projects, Iran-Switzerland Joint Seminar Week was organized and held jointly by IUT, ETH, and the University of Tehran during April 27 till May 2, 2019. In five jointly formed teams, the Iranian and Swiss students studied and worked on transportation and urban planning sectors of the City of Isfahan. At the final ceremony, which was held with the presence of highly ranked officials of the City of Isfahan, the teams presented their ideas on solving the related problems in the city.

National and International Memberships and Affiliate Centers

- The Isfahan University of Technology is a member of Isfahan Universities Network (IUN), the first university alliance for developing academic cooperation with global partners and fostering internationalization of Higher Education in Isfahan Province, Iran.



- Isfahan University of Technology, Amirkabir University of Technology, K. N. Toosi University of Technology, Sharif University of Technology, and Iran University of Science and Technology are the members of the Alliance of Five Leading Iranian Universities of Technology – UT5. This alliance was initiated in 2019 with the purpose of synergetic collaboration, especially at the international level.

UT5



5 Top Iranian Universities of Technology

- IUT is the first Iranian University that is a full member of The European Organization for Nuclear Research (CERN) CMS experiment. By this official membership, IUT can play the role of collaboration link of all Iranian universities with CERN, and scholars all over the country can collaborate in this regard.



- IUT has a cooperation agreement with The Abdus Salam International Centre for Theoretical Physics (ICTP), and based on this agreement, several graduate students and faculty members pay short visits to this center in Italy annually.



- IUT Department of Physics hosts the office of the International Center for Relativistic Astrophysics Network - ICRANet in Isfahan (ICRANet-Isfahan). This center's mission is to develop research activities in relativistic astrophysics, organizing workshops and schools, exchange of researchers, faculty members, and graduate students.



- Department of Natural Resources at Isfahan University of Technology and Xinjiang Institute of Geography and Ecology of CAS have established the first joint field research station in Iran at IUT. By the establishment of this station, IUT joined the network of the Silk Road ecological research stations.



Swiss Desk – The Iranian Leading House for Science and Technology Cooperation with Switzerland

Based on the tight cooperation of the Isfahan University of Technology with the top Swiss universities, the Iranian Ministry of Science, Research and Technology has mandated IUT as the "Iranian Leading House for Science and Technology Cooperation with Switzerland." IUT-International established "Swiss Desk" in 2017 to follow up its mission to develop the academic relations with Switzerland. Swiss Desk is responsible for providing the required educational/research information for national universities and promotes academic collaboration between Iranian and Switzerland academia. It also has close cooperation with its counterparts in Switzerland. As a result of this cooperation, several tools have been defined to support joint research activities between Iranian and Swiss scientists until now.



Golpayegan College of Engineering

Golpayegan College of Engineering was founded in 1995 which has been affiliated to Isfahan University of Technology (IUT) since 2020. This college has outstanding features and qualities in regard to academic research and education. The departments and majors at this college are given below:

Faculty of Engineering:

Department of Mechanical Engineering

Degree Program	B.Sc	M.Sc
■ Mechanical Engineering	■	
■ Mechanical Engineering- Applied Design(Solid)		■
■ Mechanical Engineering- Energy Conversion		■

Department of Industrial Engineering

Degree Program	B.Sc	M.Sc
■ Industrial Engineering	■	
■ Industrial Engineering- System Optimization		■

Department of Materials Engineering

Degree Program	B.Sc	M.Sc
■ Materials and Metallurgical Engineering	■	
■ Materials and Metallurgical Engineering- Identification and Selection of Materials		■
■ Materials and Metallurgical Engineering- Ceramic		■

Department of Electrical and Computer Engineering

Degree Program	B.Sc	M.Sc
■ Electrical Engineering	■	
■ Electrical Engineering -Power Systems Engineering		■

Golpayegan College of Engineering in Numbers:

848 *Students*

- 184 Master's Students
- 664 Bachelor's Students



1797 *Alumni*

45 **Faculty Members**

- 4 Associate Professors
- 36 Assistant Professors
- 5 Instructors

54 **Staff**

19 Patents

7 Published Books

58 Research Schemes

Campus of Golpayegan College of Engineering :

- 1** Academic buildings include amphitheater, central library, conference room, 22 classrooms, center for information technology, computing room, consulting center and so forth.
- 2** Sport centers include health room, grass grounds, beach volleyball ground, multi-purpose indoor sport hall.
- 3** Cultural centers include prayer room, Petroglyphs Park and central mosque of the university which are under construction.
- 4** Laboratories and Workshops



Materials Engineering Laboratories include the following sub-collection laboratories:

- Mechanical Properties
- Heat Treatment
- Metallography and Samples Preparation
- Casting
- Metals Solidification
- Chemistry
- Nano
- Metal Forming

Mechanical Energy Laboratory includes the following laboratories:

- Hydraulic and Pneumatic
- Fluid Mechanics
- Dynamics and Vibrations
- Thermodynamics
- Strength of Materials

Electrical Engineering Laboratory; the following characterizations can be conducted in this lab.

- Single Phase Transformer
- Three Phase Transformer
- Asynchronous
- Synchronous
- DC Machine

5 Dormitories:

Golpayegan College of Engineering has prepared comfortable dormitories for female and male students, providing appropriate places to add the student's convenience.

6 Dining Rooms:

Two comfortable and quiet dining rooms and one restaurant and a café have been devoted to students in order to help students feel more convenient.

Contact us:

📍 Address: Golpayegan College of Engineering,
Moallem Square, Shohade Gomnam Boulevard,
Golpayegan, Isfahan, Iran. Post Box:87717-67498

☎ Tel: +98 (31) 57240065

📠 Fax: +98 (31) 57240067

✉ E-mail: inter.affairsgut@gmail.com

🌐 Website: <https://gc.iut.ac.ir>

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