



ISTANBUL TECHNICAL UNIVERSITY

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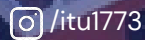
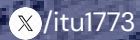


global.itu.edu.tr



**ISTANBUL TECHNICAL
UNIVERSITY**

Brochure Design by: Res. Asst. Dr. Arife Eymen Karabulut, Res. Asst. Mehmet Emin Sarihan





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ITU'S PHILOSOPHY



ITU's vision is to become a leading international university through its expertise and creativity in science, technology and art.

Istanbul Technical University, one of the leading research universities in Europe and Asia, establishes the grounds of an active learning and research environment for change and improvement. Analytical thinking and innovation, active learning, creativity, critical thinking, complex problem-solving, leadership and social impact are among the key themes of ITU's strategic vision in education and research that will lead to universal prosperity and quality of life; thus, improving human living conditions in a sustainable world.



RECTOR'S MESSAGE

Türkiye's first technical university, Istanbul Technical University (ITU), has been a pioneer in science and technology for over 252 years and continues to stand as a pillar of excellence. Maintaining its leading position in Türkiye, ITU ranks among the world's top 100 universities in engineering and is placed third globally in quality education.

For more than two and a half centuries, our university has contributed to global advancement in science, technology, and innovation, guided by its vision as a Research University Focused on Responsibility and Impact.

At ITU, higher education is more than a path to personal success, it is a mission to build a better future. This is where ideas meet culture, disciplines intersect, and co-creation thrives, creating a vibrant community where innovation and knowledge come to life.

With over 200 student clubs, 70+ project teams, sports communities, vast green spaces, and bicycle paths, our campus offers a sustainable and socially engaging environment that extends far beyond the classroom. Our priority is to prepare individuals who can thrive in an evolving global landscape and create value through their knowledge and competencies.

ITU also plays a leading role in internationalization through extensive global collaborations, hosting more than 1,500 international students from over 85 countries. The university has signed Memoranda of Understanding (MoUs) with over 100 institutions in 40 countries and maintains academic partnerships with higher education institutions in 52 countries within the Erasmus+ framework.

We warmly invite prospective students who aspire to be part of a future shaped by scientific knowledge, innovation, and a global vision, as well as institutions seeking meaningful collaboration to join the Istanbul Technical University community.

Join us in advancing knowledge, innovation, and global academic excellence.

With kind regards,
Prof. Dr. Hasan Mandal
Rector

SINCE
1773

Pioneer through
the 250+ years



ISTANBUL TECHNICAL

UNIVERSITY

SINCE 1773



1795
Imperial School of
Naval Engineering



1909
College of
Engineering



1944
Renamed as Istanbul
Technical University



2002
ITU ARI Teknokent
(Techno-Park)



2023
250th year in Higher
Education



1773
Imperial School of
Naval Engineering



1883
Hendese-i
Mülkiye School



1928
Higher Engineering
School



1970
Ayazağa Main
Campus



2012
ITU Seed
(Incubation Center)



2026
Make an Impact,
Leave a Mark

EDUCATION @ ITU

With an educational approach focused on learning with practice, ITU steers change through curiosity and passion and trains pioneers that contribute to the whole world.

more than
35.000+

UNDERGRADUATE AND
GRADUATE STUDENTS

ACADEMICIANS

2.000+

Istanbul Technical University (ITU) offers a technology and society-focused education to over 35,000 undergraduate and graduate students, supported by more than 2,300 academicians across disciplines such as engineering, architecture, design, economics, music, and performance arts. Our vibrant learning and research community spans 13 faculties across six campuses, providing 110 undergraduate programs, 18 of which are Dual Degree Programs (DDP), and 190 graduate programs. Through over 500 international agreements, including programs like Erasmus+, Athens, T.I.M.E., and EELISA, ITU enables students to engage globally. Our dual diploma programs offer the unique opportunity to study and work in two different countries, culminating in the attainment of two diplomas.

UNDERGRADUATE STUDY

with
.....
25.000+
UNDERGRADUATE
STUDENTS
.....

.....
13 FACULTIES
1 CONSERVATORY
2 VOCATIONAL SCHOOL
.....

110
UNDERGRADUATE
PROGRAMS
.....

ITU offers **110 undergraduate programs** from various disciplines of engineering to architecture, natural sciences, economics, arts and design. ITU students gain strong academic background to develop required skills and creative thinking.

The basis of our educational philosophy is to combine theory and practice and allow for specialization in different topics. ITU provides strong support for undergraduate students' ambitions, recognizes and rewards efforts beyond academics offering:

- **LÖKAP-T:** Comprehensive funding and guidance for undergraduate student project teams to excel in national and international competitions.
- **LÖKAP-A:** Opportunities for undergraduate students to take part in research projects.
- **Microcredits** for extracurricular activities — officially recorded on the diploma supplement.
- Innovative minor programs in fields like **Nuclear Engineering, Sustainability, and Oceanography.**
- **Master Bee (4+1 Model):** An integrated pathway that combines undergraduate, graduate studies and internships — all completed within five years.
- **GİNOVA** inspires undergraduate students through specialized courses, professional certificate programs, interactive workshops, and expert-led seminars that help turn ideas into impact.

**Make an
Impact, Leave
a Mark #ITU**

INNOVATIVE MINOR PROGRAMS

With our innovative, interdisciplinary minor programs, unique to ITU, our students can specialize in a subject by taking a maximum of 7 courses.



Sustainability



Nuclear Engineering



Defense Technologies



Oceanography



Fire Engineering



Informatics Applications and Computational Sciences



Earth Systems and Global Change



Sensor Technologies

NEW



Turkish Music (İTÜ TMDK)

NEW

* Sensor Technologies minor will be offered as of this week.

ITU's Innovative Minor Programs aims to:



- Promote interdisciplinary learning across engineering, science, and emerging fields.



- Equip students with future-oriented skills beyond their major areas.



- Strengthen adaptability and multi-disciplinary competence for complex global challenges.



- Provide specially designed courses bringing students from different disciplines together.



- Support innovation, technology, and sustainability-driven education at ITU.



- Expand interdisciplinary learning through newly introduced minors such as Sensor Technologies and Turkish Music (İTÜ TMDK).



New Academic Opportunities

NEW

- **Double Major Programs in Mathematics and Physics**
Enabling engineering students to strengthen their foundation in fundamental sciences and analytical thinking.

GRADUATE STUDIES

Research Leadership & Social Impact

Scientific Innovation: A More Sustainable and Technologically Advanced Society



Graduate
School
Brochure

Istanbul Technical University (ITU) seamlessly blends its **250+ years** of history and tradition with an innovative and forward-thinking approach. As a leading research university, ITU prioritizes graduate studies, fostering high-caliber MA, MSc, and PhD researchers who contribute to the advancement of science, technology, and innovation.

ITU's interdisciplinary graduate programs encourage intellectual collaboration across departments, research centers, and international partnerships. Graduate students engage in cutting-edge projects, utilizing ITU's multidisciplinary labs, technology parks, and extensive academic resources, transforming their research into real-world applications that benefit industry and society.

Through international collaborations, industry partnerships, and groundbreaking research initiatives, ITU provides its students with opportunities to work with leading academics and industry professionals, building a successful career both in academia and beyond.



Shape the
future @ITU



with
.....
10.000+
GRADUATE STUDENTS
.....
190
GRADUATE PROGRAMS
.....



<https://uubf.itu.edu.tr/en>

Faculty of Aeronautics and Astronautics

ITU's leading institution in aviation, space, and atmospheric sciences, offering internationally accredited programs. Established in 1983, the faculty focuses on cutting-edge research, technological advancements, and hands-on education.



<https://arch.itu.edu.tr/eng2/>

Faculty of Architecture

Established in 1884, Faculty is one of Türkiye's premier institutions for architectural education. Located in the historic Taşkışla Campus in Istanbul's Şişli district, the faculty has a rich legacy of blending traditional architectural principles with modern innovations.



<https://kmg.itu.edu.tr/en>

Faculty of Chemical and Metallurgical Engineering

Established as the sixth faculty in ITU's history, Faculty committed to conducting scientific and applied research in the fields of chemistry, metallurgy, food, and bioengineering. The faculty aims to become a center of advanced solutions at both national and international levels by pursuing developments in key technologies and interdisciplinary engineering opportunities.



<https://ins.itu.edu.tr/en>

Faculty of Civil Engineering

Established in 1727, the Faculty stands as Türkiye's oldest engineering faculty, marking the inception of engineering education in the Ottoman Empire. Over nearly three centuries, it has evolved into a leading institution, blending traditional engineering principles with modern innovations.



<https://bbf.itu.edu.tr/en>

Faculty of Computer and Informatics Engineering </>

Established in 2010, the Faculty evolved from the Control and Computer Engineering program initiated in 1980, making it the first faculty of its kind in Türkiye. This transformation reflects ITU's commitment to technological advancements and excellence in Artificial Intelligence, Cybersecurity, Data Science, and Software Engineering.



<https://ee.itu.edu.tr/en>

Faculty of Electrical and Electronics Engineering



The Faculty is one of Türkiye's leading institutions in electrical, electronics, and automation technologies. With a strong emphasis on cutting-edge research, hands-on learning, and industry collaboration, the faculty prepares students for global careers in power systems, telecommunications, automation, and embedded systems.



<https://isl.itu.edu.tr/en>

Faculty of Management



Established in 1977, the Faculty is dedicated to integrating engineering principles with management practices, fostering innovation, and developing leaders equipped to navigate complex business environments.



<https://df.itu.edu.tr/en>

Faculty of Maritime



The Faculty is one of Türkiye's most prestigious maritime education institutions, with a rich history and a strong academic foundation. The faculty offers programs in Deck (Maritime Transportation and Management Engineering) and Machinery (Marine Engineering Operations), training highly qualified captains and engineers for the maritime industry.





<https://mkn.itu.edu.tr/en>

Faculty of Mechanical Engineering



The Faculty is one of Türkiye's leading institutions for engineering education and research. With a strong emphasis on innovation, advanced technology, and interdisciplinary studies, the faculty offers internationally recognized ABET accredited mechanical engineering program. Equipped with state-of-the-art laboratories and research centers, it prepares students for careers academia and/or for various industries.



<https://mines.itu.edu.tr/en>

Faculty of Mines



The Faculty is one of Türkiye's leading institutions in earth sciences, mining, and geological engineering. With a strong emphasis on research, sustainability, and technological innovation, the faculty offers internationally recognized programs in mining, petroleum, and geological engineering.



<https://gidb.itu.edu.tr/en>

Faculty of Naval Architecture and Ocean Engineering



Faculty is a leading institution in ship design, marine technology, and offshore engineering. With a strong focus on innovation, sustainability, and advanced research, the faculty offers internationally recognized programs in Naval Architecture, Marine Engineering, and Ocean Engineering.



<https://fe.itu.edu.tr/en>

Faculty of Science and Letters



Faculty offers a strong academic foundation in natural sciences, mathematics, and humanities. With a focus on interdisciplinary research and innovation, the faculty provides internationally recognized programs in fields such as physics, chemistry, mathematics, molecular biology, and humanities.



<https://tekstil.itu.edu.tr/en>

Faculty of Textile Technologies and Design

The Faculty is a leading institution in textile engineering, fashion design, and material sciences. The faculty combines cutting-edge technology, sustainable textile production, and innovative design principles to prepare students for the global textile industry. With modern laboratories, research centers, and industry collaborations, graduates gain expertise in technical textiles, smart fabrics, and fashion innovation, leading to careers in textile manufacturing, apparel design, and material research.



<https://tmdk.itu.edu.tr/en>

Turkish Music Conservatory

The Turkish Music Conservatory is one of Türkiye's leading institutions dedicated to the study, preservation, and advancement of Turkish classical, folk, and contemporary music. The conservatory offers comprehensive programs in music performance, composition, ethnomusicology, and sound engineering, combining traditional techniques with modern approaches.



<https://sgmyo.itu.edu.tr/en>

Cyber Security Vocational School

The main purpose of ITU Cyber Security Vocational Schools is to build a competent and qualified workforce in the field of cyber security, to make the field of cyber security an attractive career field for young people, and to provide professional qualifications by developing the concept of cyber security expertise.



<https://lee.itu.edu.tr/en>

Graduate School

The ITU Graduate School aims to be a leading institution that cultivates highly qualified professionals and academics who contribute to the advancement of science and technology, respond to societal needs through pioneering research and development, and compete at both national and international levels. Committed to academic excellence, the school fosters interdisciplinary research by encouraging strong collaboration among universities, industry, and the public sector.



Programs	Undergraduate	Master's (Non Thesis)	Master's (Thesis)	PhD
Aeronautical Engineering **	+			
Aeronautics and Astronautics Engineering			+	+
Aerospace Engineering	+			
Aerospace Structures and Materials		+		
Air Transport Management		+		
Apparel Retail and Fashion Management		+		
Architecture *	+	+		
Architectural Design			+	+
Architectural Design Computing			+	+
Architectural History			+	+
Art History			+	+
Artificial Intelligence and Data Engineering	+			
Atmospheric Sciences			+	+
Automotive			+	
Biomedical Engineering			+	+
Big Data and Business Analytics		+	+	
Business Administration		+	+	+
Business Administration and Technology Management		+		
Ceramic Engineering			+	
Civil Engineering *	+			
Chemistry **	+		+	+
Chemical Engineering **	+		+	+
Climate Science and Meteorological Engineering	+			
Coastal Sciences and Engineering			+	+
Computational Science and Engineering			+	+
Computer Engineering	+		+	+
Computer Science			+	+
Construction Projects Management		+		
Construction Management			+	
Construction Sciences				+
Control and Automation Engineering *	+		+	+
Cyber Security Analyst and Operator Associate Program ***	+			
Cybersecurity Engineering and Cryptography			+	+
Data Science and Analytics	+			
Defense Technologies			+	+

*The program is available in both 30% and 100% English.

**The program is available only in 30% English

***The Cyber Security Analyst and Operator Associate Program, under the Department of Computer Technologies of the Cyber Security Vocational School

Programs	Undergraduate	Master's (Non Thesis)	Master's (Thesis)	PhD
Disaster Management			+	
Disaster Science and Engineering				+
Earthquake Engineering			+	+
Earth System Science			+	+
Economics	+		+	+
Electrical Engineering **	+		+	+
Electronics and Communication Engineering *	+			
Electronic Engineering			+	+
Energy Science and Technology			+	+
Engineering Management		+	+	
Entrepreneurship and Innovation Management		+		
Environmental Biotechnology			+	+
Environmental Control and Building Technology			+	
Environmental Engineering *	+			
Environmental Sciences, Engineering and Management			+	+
Executive (MBA-ITU-KKTC)		+		
Executive Master Of Business Administration		+		
Façade Design and Technology		+		
Fashion Design	+			
Food Engineering **	+		+	+
Game and Interaction Technologies			+	
Geoanthropology			+	
Geodynamics			+	+
Geographical Information Technologies			+	+
Geophysical Engineering **	+		+	+
Geological Engineering **	+		+	+
Geomatics Engineering *	+		+	+
Heat Fluid			+	
History of Science and Technology			+	+
Human Resources Management		+	+	
Hydraulic and Water Resources Engineering			+	+
Industrial Engineering*	+		+	+
Industrial Design	+		+	+
Information and Communications Engineering			+	+

*The program is available in both 30% and 100% English.

**The program is available only in 30% English



Programs	Undergraduate	Master's (Non Thesis)	Master's (Thesis)	PhD
Information Technologies		+		
Information Technologies in Construction Management		+		
Innovative Technical Textiles			+	
Instrument - Voice			+	
Interior Architecture **	+			
Interior Architectural Design			+	
Landscape Architecture	+		+	+
Machine Dynamics, Vibration and Acoustics			+	
Management Engineering	+	+	+	+
Management of Maritime Transportation		+		
Maritime Studies		+	+	+
Maritime Transportation Engineering			+	+
Maritime Transportation and Management Engineering	+			
Marine Engineering	+			
Materials and Manufacture			+	
Material Science and Engineering			+	+
Materials Engineering			+	
Mathematical Engineering	+		+	+
Manufacturing Engineering	+			
Mechanical Design			+	
Mechanical Engineering **	+			+
Mechatronics Engineering			+	+
Metallurgical and Materials Engineering	+			+
Mineral Processing Engineering **	+		+	+
Mining Engineering **	+		+	+
Molecular Biology and Genetics*	+			
Molecular Biology-Genetics and Biotechnology			+	+
Music		+	+	+
Music Theory and Composition			+	
Musicology			+	
Musicology and Music Theory				+
Nano Science and Nano Engineering			+	+
Naval Architecture and Marine Engineering *	+		+	+
Nuclear Engineering			+	+
Occupational Safety and Health		+		

*The program is available in both 30% and 100% English.
 **The program is available only in 30% English

Programs	Undergraduate	Master's (Non Thesis)	Master's (Thesis)	PhD
Offshore Engineering		+	+	
Petroleum and Natural Gas Engineering	+		+	+
Physics Engineering **	+		+	+
Polar Sciences		+		
Political and Social Thought				+
Political Studies			+	
Polymer Science and Technology			+	+
Production Metallurgy and Technologies Engineering			+	
Project and Construction Management			+	+
Radiation Science and Technology			+	
Railway Systems Engineering			+	
Real Estate Development			+	
Regional Planning			+	
Restoration			+	+
Rotor Aero Vehicles and Technologies		+		
Satellite Communication and Remote Sensing			+	+
Science, Technology and Society			+	
Shipbuilding and Ocean Engineering **	+		+	+
Smart Buildings and Facilities Management		+		
Soil Mechanics and Geotechnical Engineering			+	+
Solid Mechanics			+	
Structural Engineering			+	+
Sustainability			+	
System Dynamics and Control			+	
Telecommunications Engineering			+	+
Textile Development and Marketing	+			
Textile Engineering	+		+	+
Traditional Dances			+	
Transport Engineering			+	+
Turkish Music State Conservatory	+		+	
Urban and Regional Planning *	+			+
Urban Design			+	
Urban Planning			+	

In Türkiye, duration of undergraduate studies is 4 years, Master programs with thesis and non-thesis 2 up to 3 years, PhD 3 up to 6 years long.

*The program is available in both 30% and 100% English.
 **The program is available only in 30% English

SINCE 2008

ITU TRNC AT A GLANCE



2008 Establishment of ITU- TRNC



The Framework Protocol for the Establishment of Istanbul Technical University's Education-Research Campuses in the Turkish Republic of North Cyprus (ITU-TRNC) was signed.

2012 Maritime Transportation and Management Eng., Marine Eng., Naval Architecture and Marine Eng.



The education and training activities started for the programs of Maritime Transportation and Management Engineering, Marine Engineering, Naval Architecture and Marine Engineering.

2025 10 Undergraduate Programs



ITU-TRNC Continues its education with 10 undergraduate programs



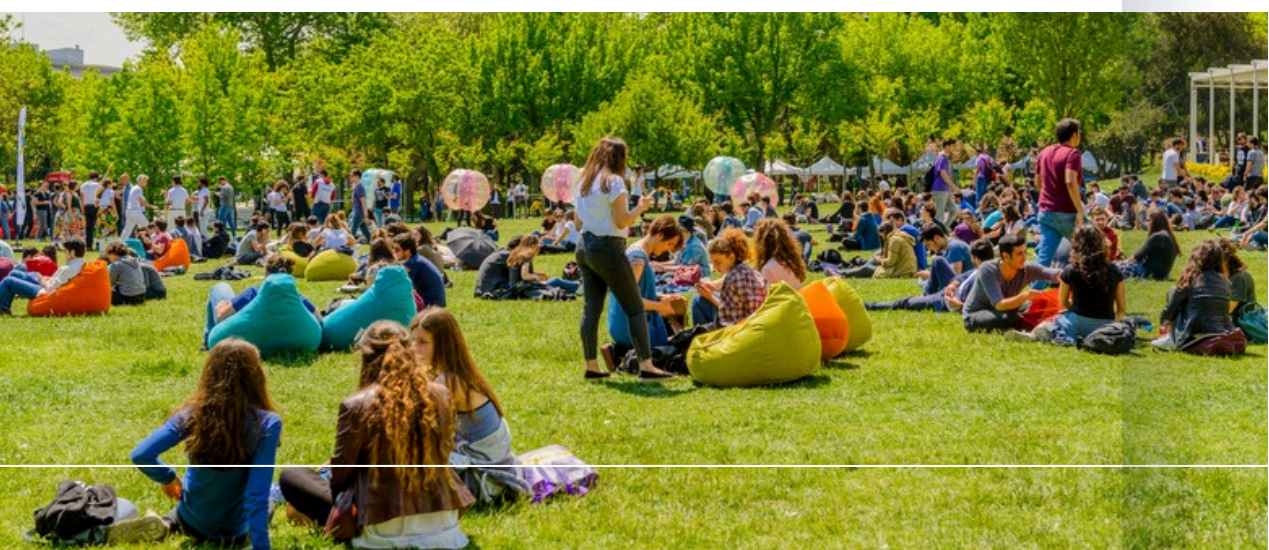
2011 Preparatory School of Foreign Languages

The Preparatory School of Foreign Languages became operational, and infrastructure work began for undergraduate programs.



2021 New Programs and Student Admission

Undergraduate programs in Computer Engineering, Electrical and Electronics Engineering, Economics and Finance, Architecture, Maritime Business Administration, Interior Architecture, and Industrial Engineering were approved and began admitting students in the 2021-2022 academic year.



OUR VALUES

- › To educate successful and leadership-oriented students equipped with skills that meet the requirements of the era,
- › To be a role model by enhancing inter-university collaboration and coordination in the TRNC,
- › To provide qualified and sustainable support for competitiveness at the regional and global levels.

MISSION

To share İTÜ's over 250 years of experience in higher education, R&D, and applied sciences with other educational institutions in the TRNC, and to serve as a role model and pioneer in the Eastern Mediterranean region.

VISION

It is our proven expertise, strong academic staff, state-of-the-art laboratories, R&D centers, distinguished alumni, and impactful achievements.

PROGRAMS

Programs	Undergraduate	Master's (Non Thesis)
Computer Engineering	+	
Electrical and Electronics Engineering	+	
Industrial Engineering	+	
Economics and Finance	+	
Architecture	+	
Interior Architecture	+	
Maritime Business Administration	+	
Marine Transportation and Management Engineering	+	
Marine Engineering	+	
Naval Architecture and Marine Engineering	+	
Executive (MBA- İTÜ-KKTC) Master of Science		+

DUAL DIPLOMA

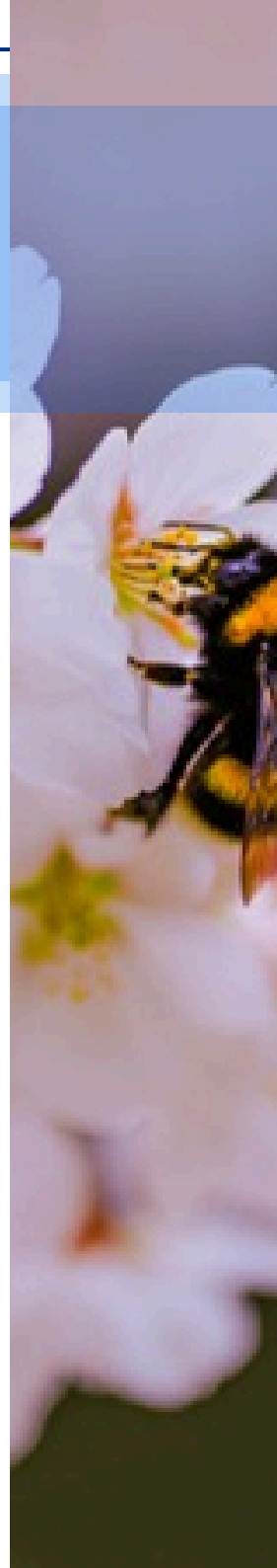


ITU International Undergraduate Dual Diploma Programs:

-● **Information Systems Engineering**
SUNY Binghamton, USA
-● **Industrial Engineering**
SUNY Binghamton, USA
-● **Maritime Transportation and Management Engineering**
SUNY Maritime, USA
-● **Marine Engineering**
SUNY Maritime, USA
-● **Fashion Design**
SUNY Fashion Institute of Technology, USA
-● **Textile Development and Marketing**
SUNY Fashion Institute of Technology, USA
-● **Management**
SUNY New Paltz, USA
-● **Electronics and Communication Engineering**
*New Jersey Institute of Technology, USA
International University of Sarajevo, Bosnia-Herzegovina*

A dual diploma program is an undergraduate program in which students spend half of their education abroad and half at ITU. These programs offer a highly unique experience and prepares the students for an increasingly globalizing world. Students study at two different countries and upon completion of the program, receive a diploma from each of these universities, enabling them to create a strong career path.

-● **Bioengineering**
*Montana State University, USA
International University of Sarajevo, Bosnia-Herzegovina*
-● **Civil Engineering**
*SUNY Buffalo, USA
Azerbaijan University of Architecture and Construction*
-● **Naval Architecture and Marine Engineering**
University of Strathclyde, UK
-● **Architecture**
International University of Sarajevo, Bosnia-Herzegovina
-● **Economics**
International University of Sarajevo, Bosnia-Herzegovina
-● **Computer Engineering**
International University of Sarajevo, Bosnia-Herzegovina
-● **Mechanical Engineering**
International University of Sarajevo, Bosnia-Herzegovina



INTERNATIONAL ACCREDITATIONS

The **Istanbul Technical University** actively upholds a strong commitment to expand relationships with select institutions abroad and promotes the **international exchange of students and scholars**. ITU is an active member of many global associations and takes part in developing new visions, strategies and programs to adapt to an ever-changing world. ITU makes a **strong commitment** to take the **scientific and technological advancement** to further levels, to work collectively with more than **450 peer institutions at the global scale**.



One aspect of globalization at ITU is to maintain international accreditation of its teaching quality, provided by the institutions below:

- Fundamentals of Engineering and Professional Engineering exams, accredited by **NCEES**, the only eligible university to hold the exams in Türkiye.
- 25 engineering programs accredited by the Accreditation Board for Engineering and Technology (**ABET**).
- Maritime College accredited by **IMO/EMSA**.
- Architecture Program obtained International Recognition from **NAAB**.
- School of Foreign Languages accredited by Commission on English Language (**CEA**).
- Landscape Architecture Program accredited by **IFLA**.



(Accreditation Board for Engineering and Technology)
25 Engineering Program



(American National Architectural Accrediting Board)
Faculty of Architecture
(First and only in Türkiye)



(International Federation of Landscape Architects)
Department of Landscape Architecture



(International Maritime Organization)
Faculty of Maritime



(The Commission on English Language Program Accreditation)
School of Foreign Languages
(First and only in Türkiye)



(National Council of Examiners for Engineering and Surveying)
ITU Fundamentals of Engineering Exam
(Only open for ITU students and graduates)



(Deprem Mühendisliği, Tekstil Mühendisliği, Kıyı Bilimleri ve Mühendisliği)
First and only in graduate education in Türkiye

İTÜ'ü
olmak
gele
ceğe
odak
lan
mak
tır.





İSTANBUL TEKNİK
ÜNİVERSİTESİ



1st

In Engineering & Technology
Among the world's top 100
universities
91th
in the world and
in Türkiye QS 2026 field rankings.



Among the world's top
300 universities
in QS 2026 World University Rankings

51-100th

Architecture/Built Environment in QS 2026

3rd

THE 2025

in the World for
Quality Education
Impact Rankings

THE World University
Rankings

48th

in Interdisciplinary
Science Rankings.



Global Employability
1st Ranking
in Türkiye
THE 2026

For a Sustainable Future Top 50 in the World
THE 2026 Impact Ranking

1st

in Türkiye in 21 scientific fields
University Ranking of Academic Performance
(URAP)



Türkiye's Entrepreneurship and Innovation Base
TUBİTAK 2026 Entrepreneurial and Innovative University Index



Türkiye's Greenest Campus for 8 years
UI GreenMetric 2025



25th

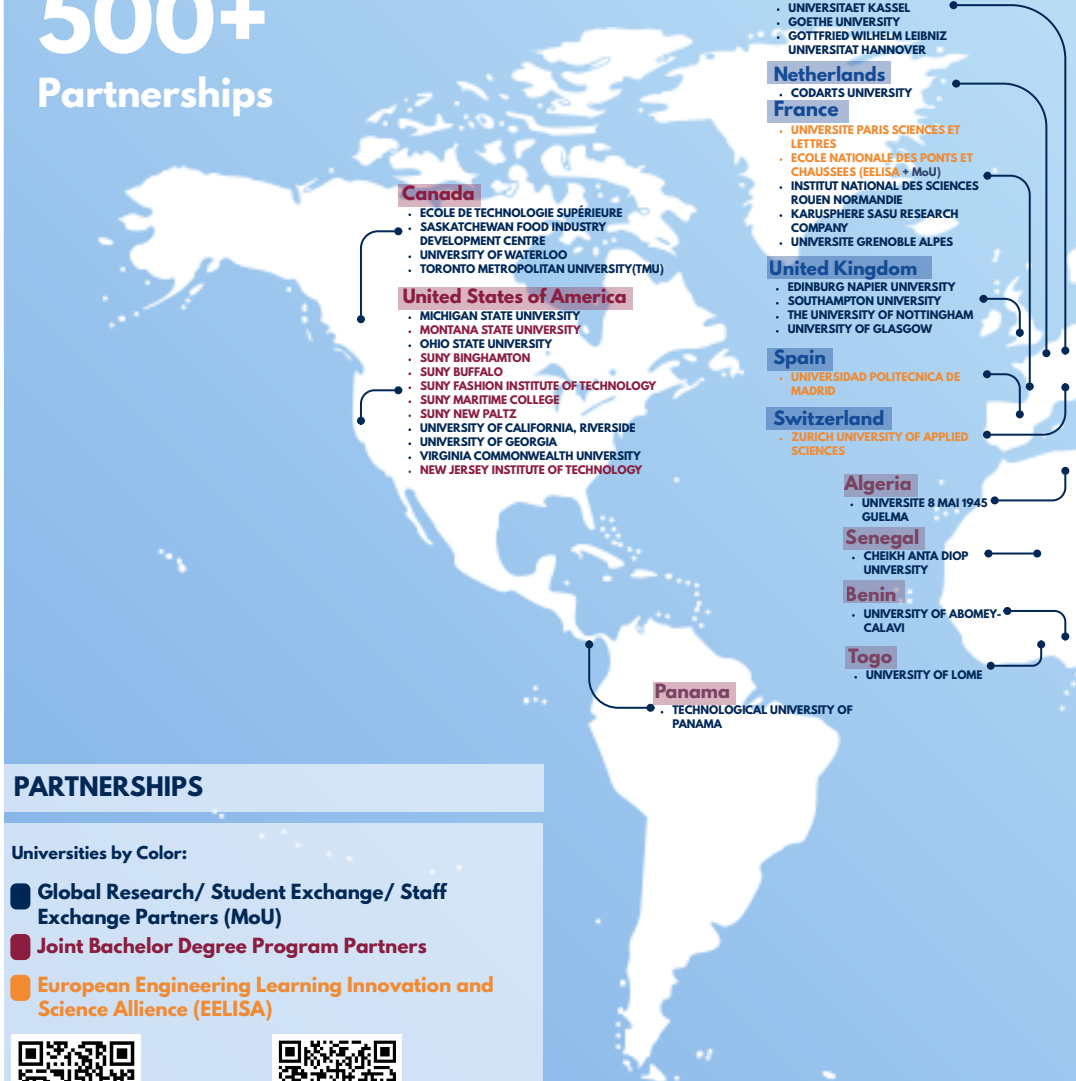
Most Sustainable Campus in the World

RANKING

ITU's Global Ranking Success
and Research Excellence

GLOBAL ENGAGEMENT MAP OF ITU

More than
500+
Partnerships



PARTNERSHIPS

Universities by Color:

- Global Research/ Student Exchange/ Staff Exchange Partners (MoU)
- Joint Bachelor Degree Program Partners
- European Engineering Learning Innovation and Science Alliance (EELISA)

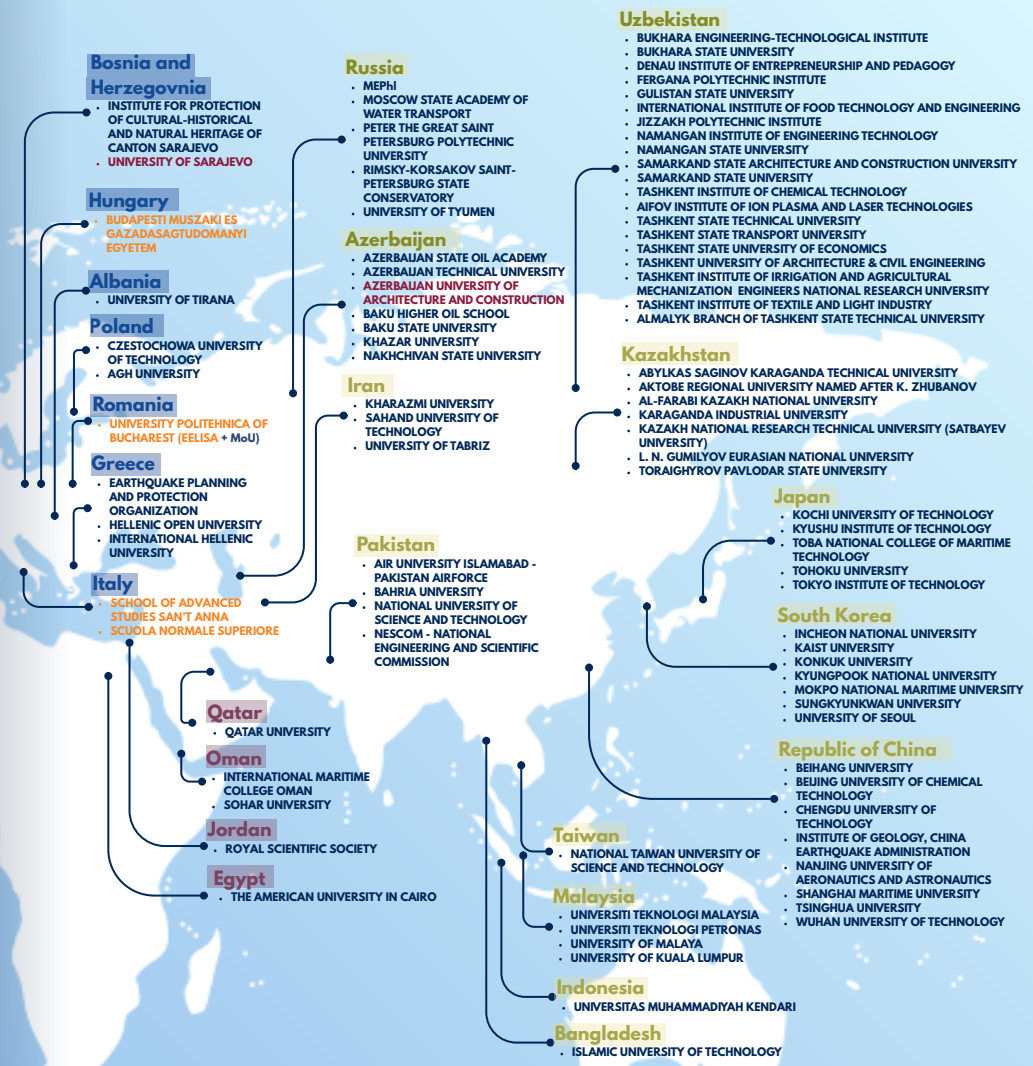


**Erasmus +
Partnership
Network**

**Global
Exchange
Partnerships**

GLOBAL NETWORKS

- The EU Programme of Education, Training, Youth and Sport (ERASMUS+)
- Advanced Technology Higher education network (ATHENS)
- Conference of European Schools for Advanced Engineering Education and Research (CESAER)



- Community of Mediterranean Universities (CMU)
- European University Association (EUA)
- European Engineering Learning Innovation and Science Alliance (EELISA)
- European Society for Engineering Education (SEFI)

- Top Industrial Managers for Europe (TIME)
- Balkan Universities Association (BUA)
- European Network for Housing Research (ENHR)
- The World Association of Industrial and Technological Research Organizations (WAITRO)

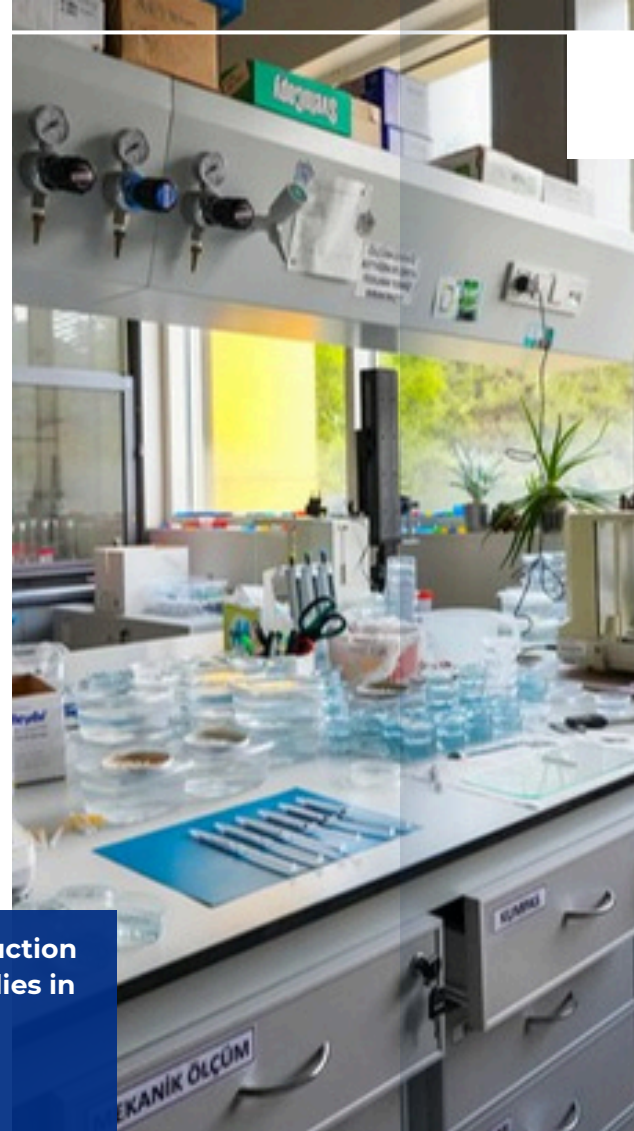
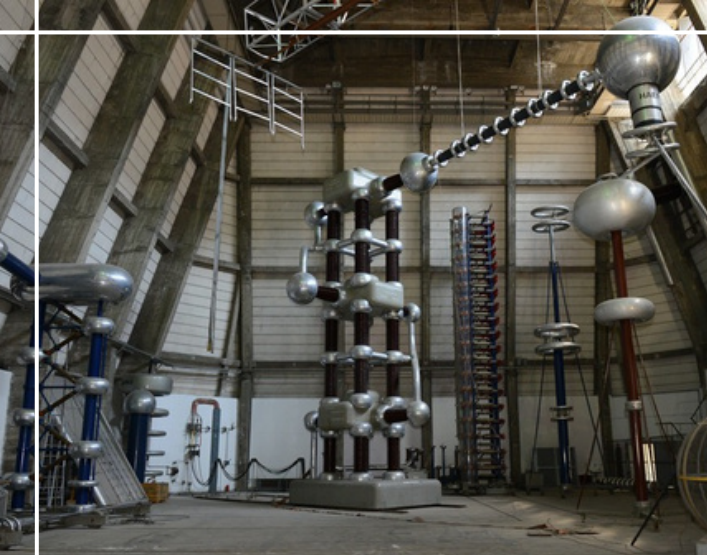
RESEARCH @ ITU

Istanbul Technical University (ITU) stands as one of Türkiye's leading research-focused institutions, dedicated to addressing regional and global challenges through innovative **thinking, interdisciplinary research, and value-driven solutions.** With a strong academic foundation, ITU prioritizes applied and high-impact research, fostering technological advancements that contribute not only to **economic growth** but also to **social well-being** and **sustainable development.**

Researchers at ITU explore a wide range of disciplines, including **engineering, fundamental sciences, earth and planetary sciences, architecture, design, maritime studies** and **social sciences.** Key research areas cover materials science, nanotechnology, aeronautics, mechatronics, biotechnology, biomedical engineering, renewable energy, sustainable building systems and design, as well as climate, water, and environmental sciences.

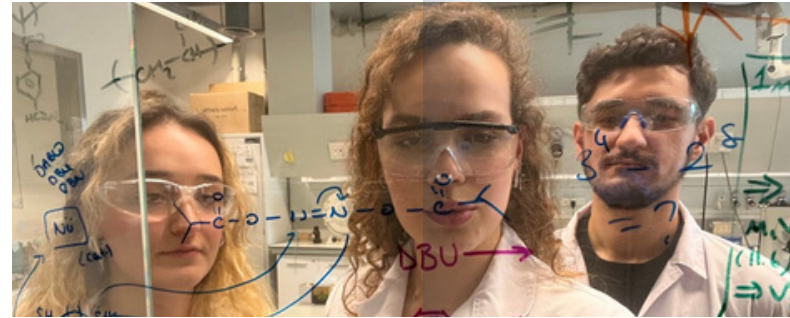
ITU's research ecosystem is shaped by **close collaboration with industry, government, and society,** with sustainability and environmental responsibility at its core. This inclusive approach strengthens the university's contribution to Türkiye's green and digital transformation agendas and amplifies its impact on global challenges.

Living up to its motto, **"Pioneer through the Ages"** ITU has been at the forefront of groundbreaking technological projects in Türkiye and beyond. It has led the development of Türkiye's first indigenous helicopter (**Arıkopter**), cube satellites (**ITUpSAT1**), communication satellite (**Türksat3USAT**), autonomous vehicle (**Otonobil**), hydrogen-powered boat (**Martı**), and electric mini-bus, marking significant milestones in the country's technological and sustainable innovation landscape.

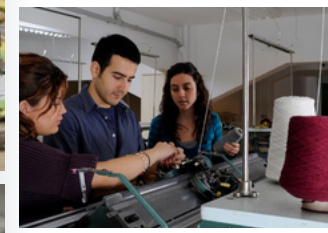


- Center For Post-Crisis Urban Reconstruction
- Dr. Erol Üçer Center for Advanced Studies in Music
- Dr. Orhan Öcalgiray Molecular Biology, Biotechnology, and Genetics Research Center
- Center For Excellence in Education
- ITU Istanbul Research Centre
- ITU Labs
- Continuing Education Research and Application Center
- National Software and Certificationx Center
- International Student Exchange Union for Technical
- Experience Türkiye Center
- Center of Excellence for 38 Disaster Management





- Nanotechnology Application and Research Center
- National Geographic Information Technologies Innovation Application and Research Center
- National High-Performance Computing Research and Application Center
- Polar Research Application and Research Center
- Prof. Dr. Adnan Tekin Material Sciences and Manufacturing Technology Application and Research Center
- Prof. Dr. Dincer Topacik National Membrane Technologies Application and Research Center
- Railway Transport Safety and Security Application and Research Center
- Satellite Communication and Remote Sensing Application and Research Center
- Science-Society Application and Research Center
- Social Innovation Application and Research Center
- Space Support Systems Application and Research Center
- Transportation and Vehicles Application and Research Center
- Turkey İş Bank Marmara Active Fault Hazard and Risk Application and Research Center
- Turkish Language Teaching Application and Research Center
- Turkish Straits Maritime Application and Research Center
- Water and Marine Sciences and Technologies Application and Research Center
- Women in Science, Engineering, and Technology Research Application and Research Center



- Advanced Vehicle Technologies Application and Research Center (ILATAM)
- Aerospace Technologies Application and Research Center (ARC)
- Agriculture and Environmental Informatics Application and Research Center
- Artificial Intelligence and Data Science Application and Research Center
- Climate Change Application and Research Center
- Construction and Earthquake Application and Research Center
- Critical and Functional Materials Technologies Application and Research Center
- Cybersecurity, Quantum Computing, and Data Science Application and Research Center
- BTS-Digital Twin Application and Research Center
- Disaster Management Application and Research Center
- Earth Sciences and Subsurface Resources Application and Research Center
- Eastern Mediterranean Oceanography and Limnology Application and Research Center
- Electronics and Control Systems Application and Research Center
- Energy, Informatics, and Technology Application and Research Center
- Entrepreneurship, Innovation and Management Application and Research Center (Ginova)
- Environment and Urban Studies Research and Application Center
- Housing Research Application and Research Center
- Istanbul Regulation Application and Research Center
- ITU Electronic Design and Metrology Application and Research Center
- ITU Prof. Dr. Emin Turan Onat Dynamic Behavior Of Materials Application and Research Center
- ITU-TUSAS Aircrafts Excellence Application and Research Center
- Machine Manufacturing Science and Technology Application and Research Center
- Mardin Application and Research Center
- Maritime Education Application and Research Center
- Maritime Equipment Testing Application and Research Center
- Mechatronics Research and Application Center
- Medical Device Application and Research Center

Brighter Together; Where Pioneering Ideas Shines and Stands Out: ITU

Founded in 2002 on Istanbul Technical University's 250+ years of academic legacy, ITU ARI Teknokent is Türkiye's leading technology and entrepreneurship hub. With the mission of being "The Gateway of the Ecosystem to Global", it aims to:

- Create the right environment and opportunities for technology companies and entrepreneurs to develop and commercialize technologies,
- Strengthen Türkiye's role in global technological development and entrepreneurship,
- Integrate ITU's scientific power with entrepreneurship to accelerate innovation.

Located on ITU's Ayazağa Campus, ITU ARI Teknokent covers 1,655,000 m² with 10 buildings. It hosts over 380 R&D companies and more than 8,000 professionals. To date, more than 6,000 R&D projects have been completed, with companies achieving \$11.5 billion in total turnover and \$1.25 billion in exports.

To support startups at every stage, ITU ARI Teknokent runs flagship programs and events:

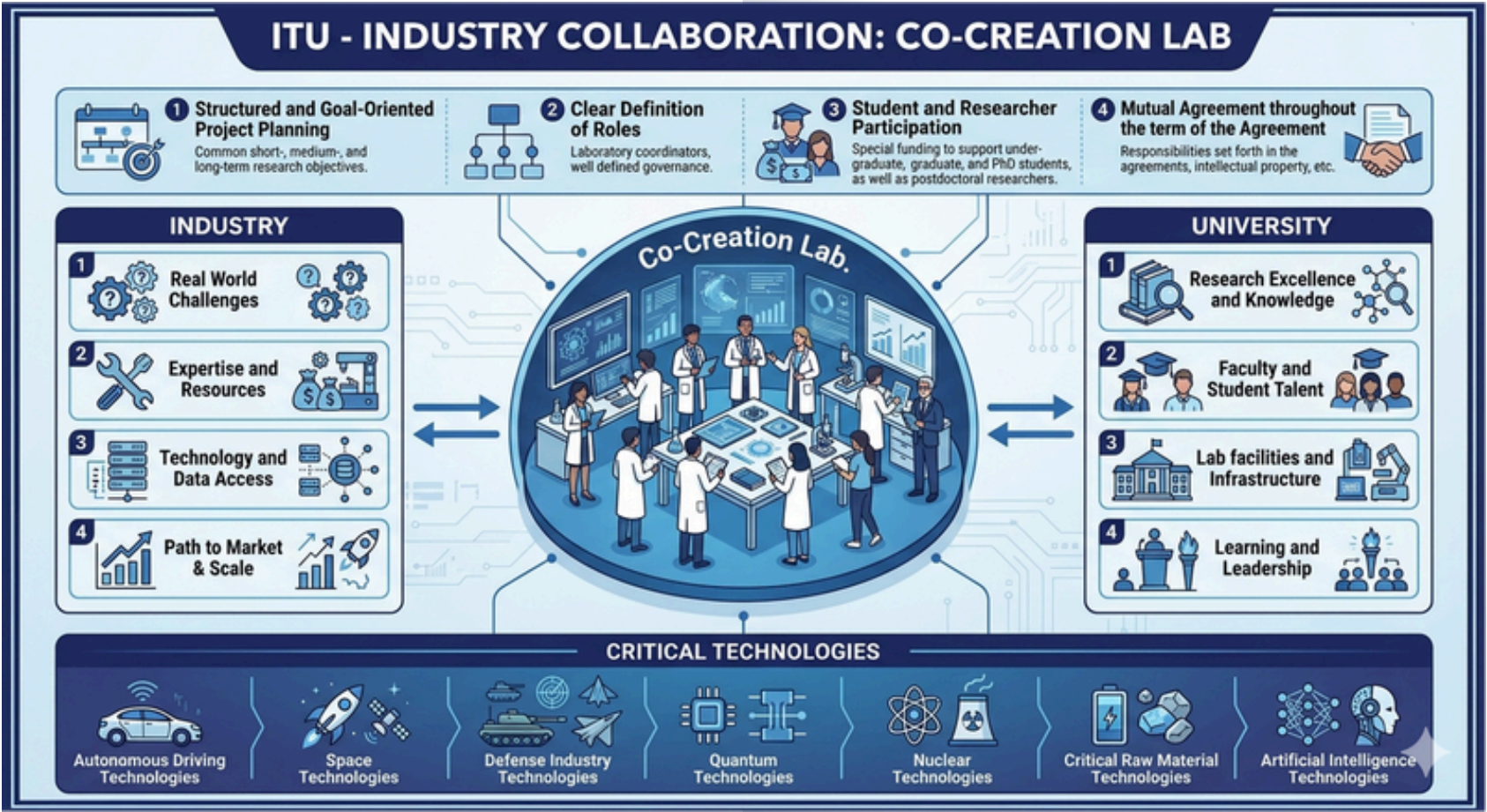
- **ITU ÇEKİRDEK:** Recognized as the world's top university incubation center, helping entrepreneurs transform their Technologies into successful ventures.
- **Big Bang Startup Challenge:** Türkiye's largest entrepreneurship event, where ITU Çekirdek startups showcase their projects to global investors and stakeholders.
- **ITU MAGNET:** Türkiye's first scale-up entrepreneurship center, along with ITU MAGNET FAB, offering advanced prototyping facilities.
- **INNOGATE:** The international accelerator with an "Always On" model, providing year-round access to five major markets: the UK, Germany, France, the Netherlands, and the UAE.
- **ITU SEED:** An international acceleration program that positions Türkiye as a hub for global startups, bringing entrepreneurs from around the world to Istanbul.
- **ARI TTO:** ITU ARI Teknokent's Technology Transfer Office, ensuring commercialisation and protection of academic knowledge, and fostering industry-academia collaboration.

With its programs, global collaborations, EU projects, and investment mechanisms, ITU ARI Teknokent continues to shape the future of technology-driven entrepreneurship, both in Türkiye and worldwide.

ITU's entrepreneurial ecosystem has significantly impacted the economy, with over 380 R&D companies, 8,000+ employees, and 6,000+ successful R&D projects at ITU ARI Teknokent.



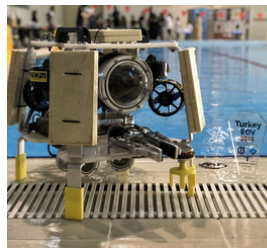
In-Campus Labs (Models of Co-Creation)



STUDENT PROJECT TEAMS

Meet our teams, founded by Istanbul Technical University students, who represent our country in world-famous competitions!

1. ITU AEROBEE TEAM
2. ITU AIChE Student Chapter Team
3. ITU Albatros UAV Team
4. İTÜ Alhazen Aerospace Team
5. ITU Apig Tech Team
6. ITU Apis R&D Team
7. ITU Aqua Team
8. ITU Autonomous Sailing Team (ITUAS)
9. ITU ATA Team
10. ITU Atmospheric Modelling Team
11. ITU AUTOBEE TEAM
12. ITU Autonomous Underwater Vehicle Team
13. ITU BeeLab Team
14. ITU Bellatrix Space Team
15. ITU BIOBEE Team
16. ITU Bortech Team
17. ITU Cancer Through Flow Team (CaToFlow)
18. ITU Cezeri Team
19. ITU Sea War Vehicle Team (SeaWave)
20. ITU Additive Manufacturing Team
21. ITU Electric Vehicle Team (ITUEV)
22. ITU Facilis Automobile Team
23. ITU FEZA TEAM
24. ITU Solar Car Team (ITU SCT)
25. ITU GALEN Team
26. ITU GAMMA TEAM
27. ITU GÖKBÖRÜ Aerospace Team
28. ITU GREEN SHIP TEAM
29. ITU HALASKAR UAV Team
30. ITU HyperBee Team
31. ITUNOM UAV Team
32. ITU Lagari Thrust Rocket Team
33. ITU Minevation Artificial Intelligence Team
34. ITU Marge Minetech Team
35. ITU Metamaterials and Antenna Design Team (META)
36. ITU NEVSPACE Aerospace Team
37. ITU Pars Rocket Team
38. ITU Phase Electrical Vehicles Team
39. ITU Racing Formula Team
40. ITU Robotic Search and Rescue Team
41. ITU Randiman Team
42. ITU ROV TEAM
43. ITU Rover Team
44. ITU SeaTech Innovators Autonomous Ship Team
45. ITU Seismic Team
46. ITU SUNGUR ROCKET TEAM
47. ITU Sustainable Energy and Climate Systems Team
48. ITU Tayf Team
49. ITU Turbin Engine Technologies Team
50. ITU TVC Rocket Team
51. ITU UZAYTEK AEROSPACE TEAM
52. ITU VCAMP TEAM
53. ITU Vefa Aerospace Team
54. ITU Worldwide Engineers Team

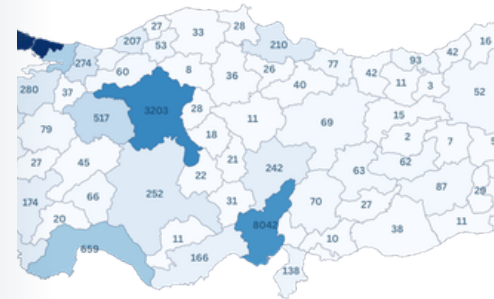


ALUMNI ALL OVER THE WORLD



For over 250 years, Istanbul Technical University (ITU) has produced graduates who have shaped the world in science, art, technology, architecture, politics, and business.

■■■■■■■■■■
190.000+
PROMINENT ALUMNI
■■■■■■■■■■
20 alumni
associations



ITU Graduates in Türkiye

ITU provides a unique environment with its 6 campuses located at favorite city spots, connecting the green campus experience with urban life.



Ayazağa Campus (Main)



Gümüşsuyu Campus



Taşköprü Campus



Maçka Campus



Tuzla Campus



Study where continents meet

Panaromic View of ITU Ayazağa Campus



Maçka Campus



LIFE @ ITU

Yılmaz Akdoruk Guest House.



**ITU
A future lab
of ideas**

ITU Research Labs



Main Entrance (Bee Gate)



Unforgettable friendships

MED Grassfield



Central Sports GYM

Jump beyond the classroom



Süleyman Demirel Cultural Center Building



Design resilient futures

ITU Ayazağa Campus

In the Heart of Istanbul

Experience academic excellence in one of the world's most dynamic city: Istanbul.



ITU Ayazağa Campus

Active Campus Life

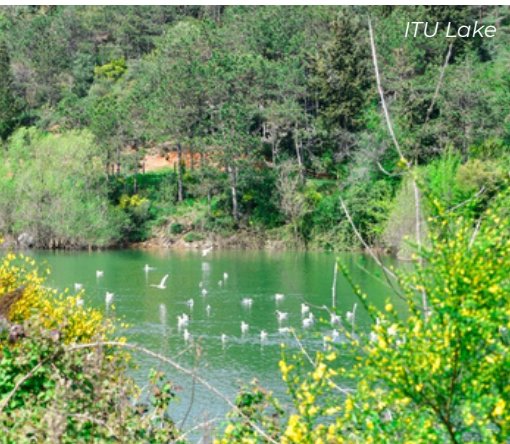
A vibrant ecosystem of learning, creativity, and collaboration across disciplines.



MED Cimleri (Central Grass Field)

LIFE @ ITU

24 hour living campuses with 650.000 m² of Green Area



ITU Lake



Central Sports GYM



ITU Stadium



ITU Maçka Mustafa Kemal Amphitheatre

Green Campuses

From the Bosphorus to the forest, four campuses blending nature, history, and technology.



Taşkışla Campus Architecture Faculty

Student Clubs & Project Teams

Over 250 student clubs and award-winning teams leading in robotics, aviation, sustainability, and beyond.



ITU Ayazağa Campus

Globally Engaged

With diverse programs communities and student clubs, ITU welcomes international students.



MED Grassfield



ITU Stadium



Mustafa Inan Library

CROSSROAD

Where continents, civilizations, and ideas converge.



Calata Tower & Beyoğlu



Istiklal Street



Egypt Bazaar

INSPIRATION

A muse for artists, architects, scientists, and thinkers across the globe.



Balat Streets

TIMELESS

Past and present coexist in every street, stone, and skyline.



Bosphorus Ferries

LIFE in ISTANBUL

GLOBAL

Home to millions of students and dozens of universities, a hub for learning without borders.



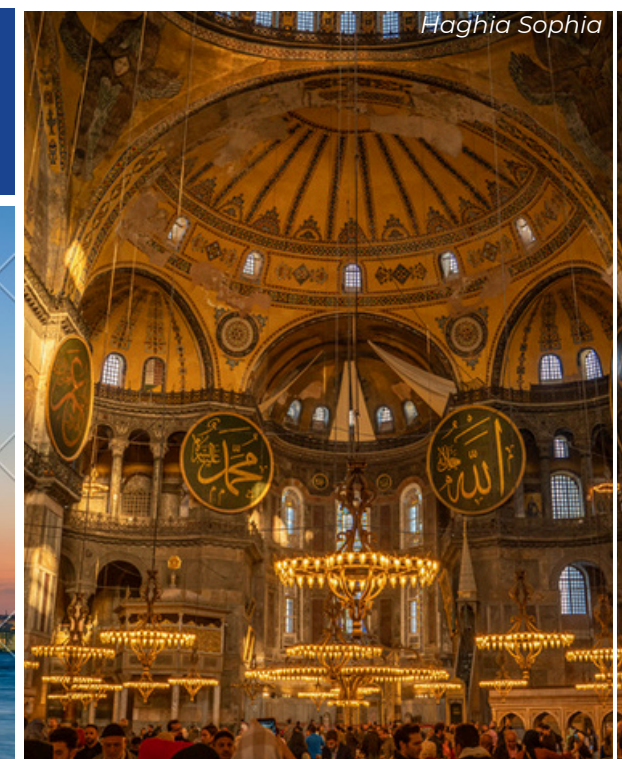
Bosphorus Bridge

MEMORY

A city shaped by empires, enriched by centuries of culture and architecture.



Maiden's Tower



Hagia Sophia