

Yıldız Campus



Davutpasa Campus



FOREWORD

Technical University, with more than a century of experience expertise, academic has strengthened its well-deserved place among research institutions that are pioneering change on a global scale.

Besides excelling in areas such as engineering, architecture, art, business and economics, Yıldız Technical University continues to shape the future with the innovative and interdisciplinary approach, fostering an environment of global impact. Together with our leadership internationalization, and our global network of thousands of alumni, we carry the legacy of Yıldız Technical University across continents.

We cordially invite you to become a part of this unique and dynamic ecosystem at Yıldız Technical University, where a strong integration of science, industry, and innovation has been brought to life.

> Prof. Dr. EYÜP DEBİK RECTOR

HISTORY

he roots of Yıldız Technical University trace back to its establishment in 1911, with the primary goal of training progressive technicians to accelerate development. After 1923, the university began to recruit staff to support the advancements of the young republic, particularly in the field of public works. Quickly transforming programs in machinery, construction, electricity, cadastre, and architecture into comprehensive

engineering disciplines, YTU adopted the principle of continuous renewal and development in parallel with the evolving needs of the country and the emerging global trends. After 1992, the university expanded its educational offerings to include social sciences and art programs, thus emphasizing creativity. YTU has extended its progressive and innovative approach to these areas as well.



27.949 UNDERGRADUATE STUDENTS GRADUATE 1 2.95 STUDENTS 1 2.95 MORE THAN 165.000 GRADUATES UNDERGRADUA PROGRAM ASTERS PROGRAMS GRADUATE STUDENT RATIO % 10

DOCTORATE 69 PROGRAMS STUDEN INTERNATIONAL 2518 STUDENTS 2518 1764 ACADEMICS FACULTIES 1 3 INSTITUTES ADMINISTRATIVE STAFF 668

FACILES & DEPARTMENTS

FACULTY OF NAVAL ARCHITECTURE AND MARINE ENGINEERING

Naval Architecture & Marine Engineering Marine Engineering

FACULTY OF MECHANICAL ENGINEERING

Industrial Engineering Mechanical Engineering Mechatronics Engineering

FACULTY OF ARCHITECTURE

Architecture
Urban & Regional Planning
Conservation & Restoration of Cultural Property

FACULTY OF EDUCATION

Computer Education & Instructional Technology Primary Education Social Science and Turkish Language Education Foreign Languages Educational Sciences Mathematics & Science Education

FACULTY OF ELECTRICAL AND ELECTRONICS ENGINEERING

Computer Engineering
Electrical Engineering
Electronics & Communications Engineering
Control & Automation Engineering
Biomedical Engineering

FACULTY OF ARTS AND SCIENCES

Western Languages & Literatures

Physics

Statistics

Chemistry

Mathematics

Molecular Biology & Genetics

Turkish Language & Literature

Humanities and Social Sciences

FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES

Economics
Business Administration
Political Science & International Relations

FACULTY OF CIVIL ENGINEERING

Civil Engineering Environmental Engineering Geomatic Engineering

FACULTY OF CHEMISTRY AND METALLURGY

Bioengineering Food Engineering Chemical Engineering Mathematical Engineering Metallurgical & Materials Engineering

FACULTY OF ART AND DESIGN

Communication Design Music & Performing Arts Art

GRADUATE SCHOOL OF SCIENCE AND ENGINEERING

COMPUTER ENGINEERING

Computer Engineering M.Sc. Computer Engineering Non-Thesis M.Sc. Information Technologies Non-Thesis M.Sc. Information Technologies Non-Thesis M.Sc. (English)* Computer Engineering Ph.D.

AVIONICS ENGINEERING

Avionics Engineering M.Sc. Master of Science Avionics Engineering M.Sc. Ph.D.

COMPUTER EDUCATION & INSTRUCTIONAL TECHNOLOGIES

Computer Education and Instructional Technology M.Sc. Master of Science

BIOENGINEERING

Bioengineering M.Sc. Bioengineering Non-Thesis M.Sc. Bioengineering Non-Thesis M.Sc. (English) Bioengineering Ph.D.

MOLECULAR BIOLOGY & GENETICS

Molecular Biology & Genetics M.Sc. Molecular Biology & Genetics Ph.D.

ENVIRONMENTAL ENGINEERING

Environmental Engineering M.Sc. Environmental Engineering Ph.D.

ELECTRICAL ENGINEERING

Electrical Power Systems M.Sc. Electrical Machines and Power Electronics M.Sc. Electrical Engineering M.Sc. Electrical Engineering Non-Thesis M.Sc. Electrical Engineering Non-Thesis M.Sc. Electrical Engineering Non-Thesis M.Sc. (English) Electrical Engineering Ph.D. Electrical Power Systems Ph.D. Electrical Machines and Power Electronics Ph.D.

ELECTRONICS & COMMUNICATIONS ENGINEERING

Electronics Engineering M.Sc.

Electronics Engineering Ph.D.

Communications Engineering M.Sc.

Communications Engineering Ph.D.

Electronics and Communications Engineering Non-Thesis M.Sc.

Electronics and Communications Engineering Non-Thesis M.Sc. Evening Ed.

Electronics and Communications Engineering (English)

Non-Thesis M.Sc. Evening Ed.

INDUSTRIAL ENGINEERING

Industrial Engineering M.Sc.

Industrial Engineering

Systems Engineering M.Sc.

Occupational Safety Non-Thesis M.Sc. Evening Ed.

Occupational Health and Safety Ph.D.

Industrial Engineering M.Sc. Evening Ed.

Engineering Management M.Sc. Evening Ed.

 $\label{thm:continuous} \textbf{Technology and Innovation Management Non-Thesis M.Sc.}$

Evening Ed.

Management Engineering Non-Thesis M.Sc. Evening Ed.

ENERGY TECHNOLOGIES (INTERDISCIPLINARY)

Energy Technologies M.Sc.

Energy Technologies Ph.D.

PHYSICS

Physics M.Sc.

Physics M.Sc. (English)

Medical Radiation Physics Non-Thesis M.Sc.

Physics Ph.D.

Physics Ph.D. (English)

NAVAL ARCHITECTURE & MARINE ENGINEERING

Naval Architecture & Marine Engineering M.Sc. Naval Architecture & Marine Engineering Ph.D.

FOOD ENGINEERING

Food Engineering M.Sc.

Food Engineering Ph.D.

Food Engineering (English) M.Sc.

Food Engineering (English) Ph.D.

Food Engineering Non-Thesis M.Sc. Evening Ed.

GEOMATIC ENGINEERING

Remote Sensing and Geographical Information Systems M.Sc.

Remote Sensing and Geographical Information Systems Ph.D.

Geomatics M.Sc.

Geomatics Ph.D.

Real Estate Appraisal and Development Non-Thesis M.Sc. Evening Ed.

MATHEMATICS AND SCIENCE EDUCATION

Science Education M.Sc.

Science Education Ph.D.

Science Education Non-Thesis M.Sc.

Science Education Non-Thesis M.Sc. Evening Ed.

Science Education (English) M.Sc.

Mathematics Education M.Sc.

CIVIL ENGINEERING

Geotechnical Engineering M.Sc.

Geotechnical Engineering Ph.D.

 $\label{eq:Mechanics of Solids and Structures M.Sc.} \\$

Mechanics of Solids and Structures Ph.D.

Hydraulic Engineering M.Sc.

Hydraulic Engineering Ph.D.

Transportation Engineering M.Sc.

Transportation Engineering Ph.D.

Structural Engineering M.Sc.

Structural Engineering Ph.D.

Coastal and Harbour Engineering M.Sc.

Coastal and Harbour Engineering Ph.D.

Construction Management Non-Thesis M.Sc. Evening Ed.

Construction Management M.Sc.

Civil Engineering (English) M.Sc.

Civil Engineering (English) Ph.D.

Construction Materials M.Sc.

STATISTICS

Statistics M.Sc.

Statistics Non-Thesis M.Sc.

Statistics Ph.D.

CHEMISTRY

Chemistry M.Sc. (English)

Inorganic Chemistry M.Sc.

Physical Chemistry M.Sc.

Analytical Chemistry M.Sc.

Organic Chemistry M.Sc.

Biochemistry M.Sc.

Chemistry Ph.D. (English)

Inorganic Chemistry Ph.D.

Physical Chemistry Ph.D.

Analytical Chemistry Ph.D.

Organic Chemistry Ph.D.

Biochemistry Ph.D.

CHEMICAL ENGINEERING

Chemical Engineering M.Sc. Chemical Engineering Ph.D.

CONTROL AND AUTOMATION ENGINEERING

Control and Automation Engineering M.Sc.
Control and Automation Engineering Non-Thesis M.Sc.
Control and Automation Engineering Non-Thesis M.Sc. (English)
Control and Automation Engineering Ph.D.

MATHEMATICAL ENGINEERING

Mathematical Engineering M.Sc.

Mathematical Engineering M.Sc. (English)

Mathematical Engineering Non-Thesis M.Sc.

Mathematical Engineering Non-Thesis M.Sc. (English)

Mathematical Engineering Ph.D.

Mathematical Engineering Ph.D. (English)

MECHANICAL ENGINEERING

Energy M.Sc.

Energy Ph.D.

Heat and Process M.Sc.

Heat and Process Ph.D.

Manufacturing M.Sc.

Manufacturing Ph.D.

Mechanical Design M.Sc.

Mechanical Design Ph.D.

Machine Theory and Control M.Sc.

Machine Theory and Control Ph.D.

Automotive Engineering M.Sc.

Automotive Engineering Ph.D.

Mechanical Engineering Non-Thesis M.Sc. Evening Ed.

Railway Systems Non-Thesis M.Sc. Evening Ed.

MECHATRONICS ENGINEERING

Mechatronics Engineering M.Sc. (English)
Mechatronics Engineering Non-Thesis M.Sc. (English)
Mechatronics Engineering Non-Thesis M.Sc. (English)*
Mechatronics Engineering Ph.D. (English)

METALLURGICAL & MATERIALS ENGINEERING

Materials Science and Engineering M.Sc.
Materials Science and Engineering Ph.D.
Extractive Metallurgy M.Sc.
Extractive Metallurgy Ph.D.
Metallurgical and Materials Engineering Non-Thesis M.Sc.
Non-Thesis Master of Science Evening Ed.

ARCHITECTURE

Computer Aided Architectural Design M.Sc.
Computer Aided Architectural Design Ph.D.
Building Research and Planning M.Sc.
Building Research and Planning Ph.D.
Building Research and Planning Non-Thesis M.Sc.
Building Research and Planning Non-Thesis M.Sc. Evening Ed.
Architectural Design M.Sc.

Architectural Design Ph.D.

History and Theory of Architecture M.Sc.

History and Theory of Architecture Ph.D.

Architectural Survey and Conservation M.Sc.

Architectural Survey and Conservation Ph.D.

Building Science M.Sc.

Building Science Ph.D.

Building Physics M.Sc.

Building Physics Ph.D.

Building Physics Non-Thesis M.Sc.

Building Physics Non-Thesis M.Sc. Evening Ed.

Interior Design M.Sc.

Housing Production and Construction Management M.Sc.

CITY & REGIONAL PLANNING

Urban Planning M.Sc.
Urban Planning Ph.D.
Landscape Planning M.Sc.
Urban Conservation and Planning M.Sc.
Urban Regeneration and Planning M.Sc.
Spatial Organization and Design M.Sc.
Regional Planning M.Sc.

CYBER SECURITY & CRYPTOGRAPHY

Cyber Security & Cryptography M.Sc.

APPLIED URBAN SCIENCE & URBAN INNOVATION

Applied Urban Science and Urban Innovation (English) M.Sc.

DATA SCIENCE & BIG DATA

Data Science & Big Data M.Sc.

BIOTECHNOLOGY

Biotechnology M.Sc.

INTELLIGENT TRANSPORTATION SYSTEMS

Intelligent Transportation Systems M.Sc.

BIOMEDICAL ENGINEERING

Biomedical Engineering (English) M.Sc.

GRADUATE SCHOOL OF SOCIAL SCIENCES

PRINCIPLES OF ATATÜRK & HISTORY OF **MODERN TÜRKİYE**

Principles of Atatürk & History of Modern Türkiye M.A. Principles of Atatürk & History of Modern Türkiye Ph.D.

WESTERN LANGUAGES & LITERATURES

Translation & Interpreting (French) M.A. Conference Interpreting (Non-Thesis) M.A. Interlingual & Intercultural Translation Studies Ph.D.

EDUCATIONAL SCIENCES

Curriculum and Instruction M.A. Educational Administration M.A. Guidance and Psychological Counselling M.A. Curriculum and Instruction Non-Thesis M.A. Educational Administration Non-Thesis M.A. Guidance and Psychological Counselling Non-Thesis M.A. Life-Long Learning and Adult Education Non-Thesis M.A. Curriculum and Instruction Ph.D. Educational Administration Ph.D. Guidance and Psychological Counselling Ph.D.

ECONOMICS

Economics M.A. Economics M.A. (English) Modern Monetary Economics Non-Thesis, M.A.* Economics Ph.D. Economics Ph.D. (English)

BUSINESS ADMINISTRATION

Business Administration M.A. Human Resources Management M.A. Innovation, Entrepreneurship and Management M.A. Business Administration Non-Thesis M.A. Human Resources Management Non-Thesis M.A. Innovation, Entrepreneurship and Management Non-Thesis M.A. Business Administration Ph.D.

TURKISH ART DESIGN

Turkish Art Design M.A.

FOREIGN LANGUAGES EDUCATION

English Language Education (English) M.A. English Language Education (English) Non-Thesis M.A.



SOCIAL SCIENCES

History M.A.

Humanities And Social Sciences (English) M.A.

Philosophy M.A.

Sociology M.A.

Cultural Studies (English) Ph.D.

Philosophy Ph.D.

ART & DESIGN

Proficiency in Arts

Art and Design M.A.

Interactive Media Design M.A.

Museology M.A.

Music and Performing Arts M.A.

Art and Design Ph.D

Music and Performing Arts Ph.D

POLITICAL SCIENCES & INTERNATIONAL RELATIONS

Political Sciences & International Relations M.A. Political Sciences & International Relations Ph.D.

TURKISH LANGUAGE & LITERATURE

Old Turkish Language M.A. Turkish Literature M.A. Turkish Language & Literature Ph.D.

PRIMARY EDUCATION

Preschool Education M.A. Primary School Education M.A. Primary School Education Non-Thesis M.A.

TURKISH & SOCIAL SCIENCES EDUCATION

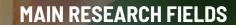
Social Sciences Education M. Teaching Turkish to Foreigners M.A. Teaching Turkish to Heritage Learners M.A. Turkish Language Education M.A. Social Sciences Education Non-Thesis M.A. Teaching Turkish to Foreigners Non-Thesis M.A Turkish Language Education Non-Thesis M.A. Turkish Language Education Ph.D.

CLEAN ENERGY TECHNOLOGIES INSTITUTE

LEADING CLEAN ENERGY RESEARCH, **INNOVATION & COMMERCIALIZATION**



Development of clean energy technologies based on renewable and alternative energy sources, advancement of knowledge, graduate education, realization of research innovation and commercialization studies are done at YTU CET Institute. CET provides technical, social and cultural solutions based on clean energy technologies to contribute sustainable energy, environment and industry.



Hydrogen and Alternative Fuel Technologies
Energy Storage Technologies
Renewable Energy Technologies
Waste-to-Energy
Smart Grid and Energy Management
Energy Logistics, Policies and Strategies
Economic, Social Impact and Sustainability
Modeling, Simulation and Optimization of Energy Systems



CET INSTITUTE RESEARCH CENTERS

Energy Efficiency Center Hydrogen Research Center Battery Research Center (BATLAB) Clean Combustion Research Center





PROGRAM

Advanced Energy Technologies M.Sc. Advanced Energy Technologies Ph.D.

INNOVATION AND **R&D ORIENTED, APPLIED LEARNING - BASED EDUCATION**

s an innovation and R&D-oriented institution, YTU places a strong emphasis on applied learning, aiming to integrate theory and practice. Our educational approach is designed to nurture generations that are not only academically proficient but also socially conscious, contributing to the country's development, embracing collaboration, and continuously generating modern knowledge through technological advancements. A culture of lifelong learning is fostered at YTU, allowing our students to face new life challenges with determination and adaptability. Recognizing that true preparedness for life extends beyond traditional coursework, YTU is committed to offering a distinctive education approach that reflects the spirit of the age.









CO-OPERATIVE EDUCATION (CO-OP) MODEL ENABLES OUR STUDENTS TO BECOME ACQUAINTED WITH THE BUSINESS WORLD BEFORE GRADUATION

stablishing strong connections with prominent Turkish corporations, YTU prepares its students for the professional business world. Believing in the effectiveness of the 'Learning In Situ' approach ■ in all aspects, YTU provides its students with ample opportunities to gain real-world business experience before graduation.

WHAT DOES IT ENTAIL?



CO-OP represents a redefined and innovative version of the traditional internship.



Assuming the role of a bridge between the university and the business world, CO-OP not only introduces students to the business world but also prepares them for it.



The focal point is the harmonization of theoretical knowledge provided by the university with practical field experience.

WHAT MAKES CO-OP DIFFERENT FROM AN INTERNSHIP?



Internship is mandatory, whereas CO-OP participation is based on a **voluntary basis**. Not all students are required to participate in CO-OP, and those who do not meet the criteria are not typically selected for CO-OP positions.



Students participating in CO-OP take **the elective courses related to the field** provided by the company.



Students have the opportunity to apply exact theoretical knowledge in the workplace.



Students who successfully complete the CO-OP program are more likely to **secure employment** upon graduation.

WHAT ARE ITS BENEFITS?



EMPLOYERS

- Expanding and enhancing their pool of qualified candidates for human resource needs
- Directly contributing to their workforce by incorporating successful students who are enthusiastic to participate in CO-OP programs



STUDENTS

- Gaining experience in business
- Consolidate theoretical knowledge through practical application
 - Enhance their job opportunities



UNIVERSITIES

- · Connecting employers and students,
- Providing students work experiences and offering employment opportunities
- Providing theory-practice cooperation

YTU AS AN R&D UNIVERSITY

R&D Studies Focusing on Future Technologies

s a research university, YTU ranks among the top 5 in R&D in Türkiye. YTU students challenge conventional patterns, actively question, and are deeply engaged with information and technology. They are at the forefront of developing technologies that shape the future.

RESEARCH 300+ **20 TEMATIC**RESEARCH GROUPS

RESEARCH AND 30 APPLICATION CENTERS



CITATIONS 173.577 3.988 PROJECTS **BROADCASTS 37.188 1.096 PRIZES** PATENTS 304

very year, Yıldız Technical University welcomes thousands of students with an entrepreneurial spirit into its ecosystem, where culture, knowledge meet with technology. At YTU Yıldız Technopark, which is home to Türkiye's leading companies, students have the opportunity to participate in programs like Bootcamps and Hackathons to expand their ventures and can also partake in mentorship and investor meetings through YTU Startup House. Within YTU Yıldız Technopark, entrepreneurs receive support from continuing education centers, lifelong learning initiatives, and entrepreneurial course contents within Yıldız Technical University. YTU excels in four key verticals:

Collaboration: The synergy between YTU, Yıldız nics, and industry partners positions YTU as a leader

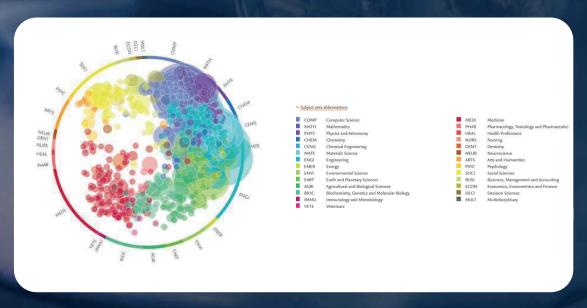
Technopark Technology Transfer Office, YTU academics, and industry partners positions YTU as a leader in this domain. Numerous projects have been implemented, and in 2023, YTU achieved recognition as the center with the highest number of inventions in Türkiye, boasting nearly 500 national and international patents.

Innovation: At YTU, innovative business ideas are transformed into value-added products, with a strong focus on technology and innovation.

Technology Transfer Office and Research Centers: YTU

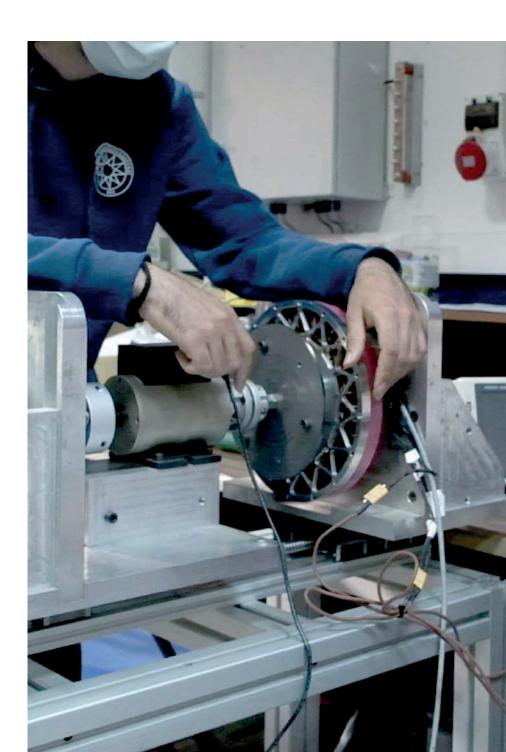
TTO, supported by TUBITAK, plays a vital role in commercializing inventions and innovative products originating from scientific research.

Commercialization: This phase encompasses all processes related to transforming developed products and projects for the benefit of society and the country's economy. Commercialization represents an efficient step in academia-industry cooperation at YTU and includes elements such as training, project support, and collaboration.



CLEAN ENERGY

'TU accelerates its activities in accordance with clean energy principles through its research and application centers and laboratory infrastructure, which are part of Türkiye's first Clean Energy Technologies Institute at YTU. The Institute carries out R&D studies not only within the university's framework but also in the context of national/ international interactions and collaborations. Furthermore, while promoting the on-campus use of electric vehicles remains a priority, YTU is also committed to reducing its carbon footprint by providing electric scooters and bicycles for everyone to use.















HEALTH & BIOTECHNOLOGY

TU maintains its expertise in the biotechnology field, proudly contributing to the global scientific output in Türkiye. As part of its commitment to achieving global competitiveness in the areas of health, energy, and biomaterials, YTU engages in the production of medical devices and chemicals for the treatment of diseases. Additionally, YTU develops functional mechanical materials and solar cells.





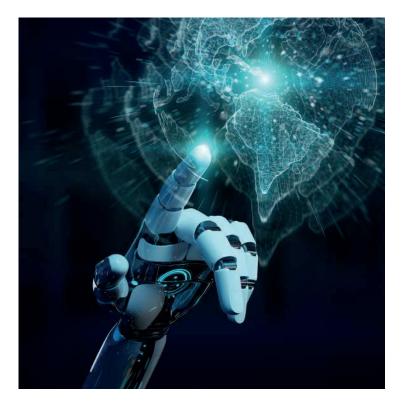
HYDROGEN **TECHNOLOGIES**

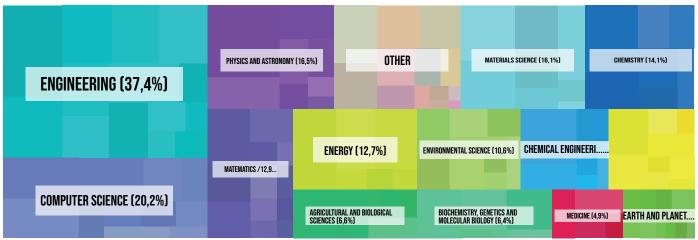
he Hydrogen Research Center is the first hydrogen-focused research center in Türkiye. Its primary mission is to promote the use of hydrogen as a sustainable energy source through research on hydrogen energy technologies, and to contribute to the development of the hydrogen economy in Türkiye. Besides research and development activities in the field of hydrogen technologies, the center also aims to create and disseminate policy proposals for advancing the hydrogen economy.

Research activities at the center encompass hydrogen production, storage, and utilization, utilizing state-of-the-art laboratories and pilot facilities. Moreover, the Hydrogen Research Center organizes various events and training sessions to facilitate collaboration and knowledge sharing among students, academics, and industrial partners.

Al **TECHNOLOGIES**

pioneering studies in artificial intelligence and robotics are conducted with steadfast support from governmental bodies. YTU serves as the home for industry leaders within the YTU Yıldız Technopark. Notably, autonomous Al-supported technologies are actively being advanced through "Polonom Technology," a venture founded by faculty members from YTU's Computer Engineering department.







YTU YILDIZ TECHNOPARK: A CORNERSTONE OF TÜRKİYE'S TECHNOLOGICAL LANDSCAPE

t YTU, focused studies span a wide range of areas, encompassing defense technologies, clean energy, biotechnology, and digital technologies—key focal points on the global technology agenda. YTU actively contributes to international advancements in blockchain, artificial intelligence, data analytics, nanotechnology, and biotechnology. Moreover, YTU keeps pace with contemporary trends, including the Internet of Behavior, hyper-automation, digital twins, zero trust, Industry 4.0, quantum computing, the Internet of Medical Objects, and augmented reality.

ON GOING 1400+

1400+ COMPLETED PROJECTS

RED 14.900+

2+ TOTAL EXPORT FIGURES





fintech

The game world, which is rapidly gaining popularity and boasts a billion-dollar volume, holds a special place in YTU Yıldız Technopark's portfolio. The GamesUp Mobile Game & E-sports Incubation Center stands as one of Türkiye's premier programs and serves as the foremost destination for individuals and teams seeking to develop products and services within this field.

Ambitious about FinTech, the world of digital finance, YTU Yıldız Technopark fosters collaborations between companies and startups at the forefront of the finance ecosystem. The 'FIDE Acceleration Program,' designed to support initiatives aspiring to become global companies, encompasses various programs tailored specifically for startups.









Addressing digital solutions in the insurance industry, Insurtech is a topic of significant importance within YTU Yıldız Technopark. İn partnership with YTU Yıldız Teknopark and one of its companies, Insurtech HUB, Türkiye's first International Insurance Technologies Summit was hosted. YTU Yıldız Technopark aims to enhance the 'Insurtech Startup' ecosystem, fostering increased collaboration between insurance sector stakeholders and technology companies.

YTU Yıldız Technopark, Türkiye's most influential technopark in the medical devices sector, welcomes entrepreneurs, academics, and all stakeholders in the healthcare field through its Healthtech program. This program aims to bring together innovative ideas, offering not only training and mentoring but also support in the form of incentives and grants.







YTU INTERNATIONAL

YTU officially ranks #1 for international exchange sending more students abroad than any other university in Türkiye!

TU, through its exchange programs available to both students and staff, aspires to cultivate its members into global citizens by fostering a heightened sense of global awareness. As the topranking university in Türkiye for sending the most students abroad via the Erasmus+ Program, YTU offers various exchange opportunities, including national programs like Farabi and Mevlana, as well as the international FreeMover program. Furthermore, YTU promotes intercultural interaction through mutual cooperation and exchange programs with countries outside the European Union.

700+ AGREEMENTS PARTNERS 300+ TOTAL 1.500.000 €

700 + OUTGOING STUDENTS INCOMING 30 STUDENTS



WHERE CANYOU GO ON EXCHANGE?

ERASMUS+ PROGRAM UNIT

Germany **Poland** Italy Spain France **Portugal** Czech Republic Romania Greece Bulgaria **Austria** Sweden

Hungary Belgium Croatia Netherlands Latvia Slovakia Lithuania North Macedonia Slovenia Denmark Estonia

Finland Russia Serbia Ireland Scotland Norway Benin Bosnia and Herzegovina Algeria Dominican Republic Morocco

South Africa Kosovo Nepal Panama Azerbaijan Ukraine Jordan Georgia Moldova Albania

USA Canada Australia Japan Singapore Malaysia Brazil Indonesia South Korea

MEMORANDUM OF UNDERSTANDINGS (MoU)

Finland
France
England
Italy
Kosovo
Latvia
Poland
Serbia
Ukraine
Bosnia and
Herzegovina

Germany Indonesia India South Korea Georgia Iran Israel Japan Kazakhstan Kyrgyzstan Canada Malaysia Mongolia Uzbekistan Pakistan Russia Sri Lanka Thailand China Albania Austria Denmark

Netherlands
Egypt
Somalia
Libya
USA
Mexico
Colombia
Azerbaijan
Gambia
United Arab
Emirates

he Erasmus+ Program offers a unique opportunity for YTU students to gain international experience and exposure to diverse academic and cultural perspectives, thereby contributing to enhance their personal and professional growth. Participation in the Erasmus+ Program equips YTU students with valuable language skills and cross-cultural communication abilities, which are increasingly vital in today's globalized world.

TU consistently ranks as the top university in Türkiye for sending the highest number of students abroad through the Erasmus+ Program, YTU demonstrates its commitment to providing its students with the highest quality international educational opportunities.

TU extends its dedication to fostering intercultural exchange and global awareness through various national and international exchange programs, available to both students and staff.

SOME OF OUR PARTNERS IN INTERNATIONAL PROJECTS

PROJECT NAME



Circular Economy for the Sustainable Earth Spheres-Geosphere, Biosphere, Hydrosphere & Atmosphere



EmpOweR Students as the agents of cHangE



KU Leuven Fundacion Instituto Tecnologico De Galicia University of Vigo The Lower Danube University

Technical University of Crete University of Leoben

University of Padua Vienna University

Budapest University of Technology and Economics **WSB University**



Enhancing Sustainability of PhotopolymERs ANd phoToinduced prOcesses

Polytechnic University of Turin University of Montpellier University of Upper Alsace University of Leoben Imperial College of Science Technology and Medicine



AgriPV system with climate, water and light spectrum control for safe, healthier and improved crops production

Technical University of Denmark The University of Sheffield



Smart Building Sensitive to Daily Sentiment

Aalto University University of Trento Polytechnic University of Catalonia



Energy Communities excellence Hubs: catalyzing energy innOvation ecosystems Aristotle University of Thessaloniki Nova University Lisbon



Integration of Advanced Experiments, Computation and Data for Innovation in Freeze Casting and Advanced Porous Structures

CNR Italy International Hellenic University

PROJECT NAME



Erasmus+	Redesigning Introductory Computer Programming Using Innovative Online Modules	Tallin University Universita Degli Studi di Palermo University of Ljubljana Burgaski Svoboden Universitet
Erasmus+	Physical and Mental Awareness for University Students	University of Palermo Lisbon University
Erasmus+	Global Beats in Sports Training	CERC - Community Educational Research Center Youth Basketball Club "Belgrade"
Erasmus+	Multicultural Classrooms: Inclusive Learning and Teaching in Higher Education	Transilvania University Ghent University of Applied Science Sofia University Czech University of Life Sciences Prague San Jorge University
Erasmus+	The Agripreneurship! MAPs for NEETs	Barcelona Academy Forest Science and Technology Centre of Catalonia Academy of Technical Vocational Studies Belgrade
MarTERA ERANET COPUND	Autonomus Network System With Specialized And Integrated Multi-sensor Technology For Dynamic Monitoring Of Marine Pollution	Malta College of Arts Science and Technology University of Cape Town
TÜBİTAK	Optimization of Quay Walls with Passive Side Reinforcement by Implementing Smart Solutions	Oryx Universal College MAG Engineering Services
TÜBİTAK	Novel Inhibitors targeting DXR in Neisseria Gonorrhoeae	Fraunhofer IME Mahidol University
TÜBİTAK	Accurate and Sensitive Determination of Lead, Cadmium and Nickel in Environmental Samples by Slit Quartz Tube Flame Atomic Absorption Spectrometry	Odessa Polytechnic State University
TÜBİTAK	Formulating Functional Food Additives Based on Lactic Acid Bacteria and Their Metabolites with Unique Properties to Extend Shelf Life	Institute Of Biochemistry And Biophysics Polish Academy Of Sciences

with Unique Properties to Extend Shelf Life and Provide Pro-Health Benefits to Food

Products

SUSTAINABLE GREEN CAMPUS FULFILLING OUR RESPONSIBILITIES FOR THE FUTURE OF THE WORLD

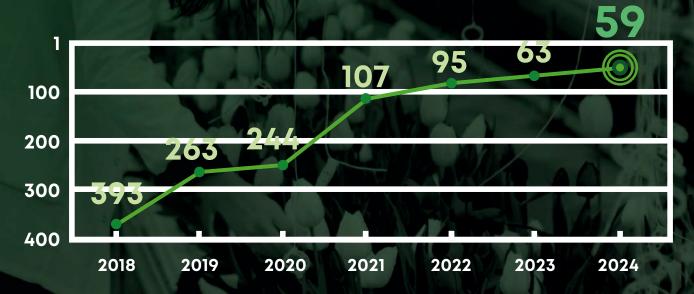
The first state university to receive Zero Waste Certificate

he first state university to receive a Zero Waste Certificate, YTU operates based on the principle of 'Value for the environment, Value for people.' The university carries out educational and research activities focusing on five crucial subjects: campus and infrastructure, energy and climate change, waste, water, and transportation, all in the pursuit of sustainability.

urthermore, YTU has formulated a 17-item Sustainable Development Policy aligned with the United Nations Sustainable Development Goals. As part of its commitment, the university has joined the United Nations Sustainable Development Solutions Network (UNSDSN) as a member organization. Through this affiliation, YTU collaborates with universities worldwide to contribute to the realization of the Sustainable Development Goals.



GreenMetric World University Rankings



SUSTAINABLE GREEN CAMPUS

Enhancing Environmental Awareness through Education and Energy Conservation on an Environmentally Friendly Campus

CAMPUS AND INFRASTRUCTURE

YTU Davutpaşa Campus establishes a distinctive spatial identity set apart from other areas, boasting unique historical and natural assets. With its green campus approach, it embodies the characteristics of sustainability by addressing regional environmental issues, mitigating the impacts of climate change, implementing disaster management strategies, adopting a self-sufficient energy system, managing waste effectively, conserving water, and fostering ecological awareness.

ENERGY AND CLIMATE

Energy consumption is closely monitored throughout the campus, and electronic devices used in renovation and maintenance work are systematically replaced with new-generation equipment designed for reduced energy consumption. The recently commissioned 'Davutpasa Campus Solar Panel Project' now plays a pivotal role in meeting a significant portion of the campus's electricity needs from on-campus sources. This initiative underscores our commitment to sustainable practices and environmental responsibility.

WASTE MANAGEMENT

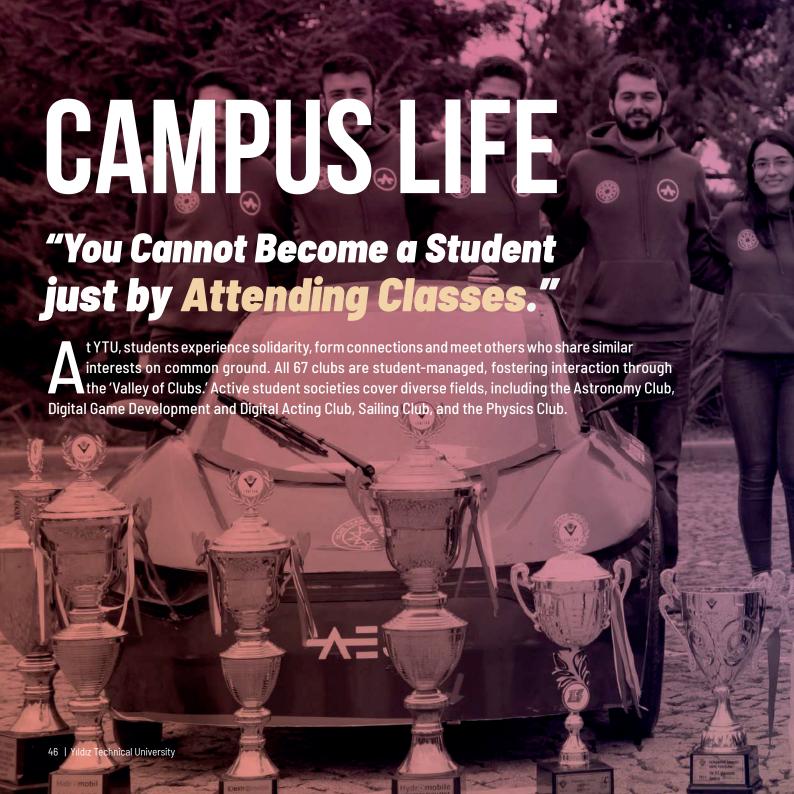
At YTU, numerous steps are being taken, supported by R&D studies, to integrate waste into the circular economy. Leveraging the expertise of YTU's academic staff, who are specialists in their respective fields, and encouraging the exchange of ideas with graduates and students engaged in waste management within municipalities and private institutions, there is a continuous effort to enhance waste management practices. YTU holds the distinction of being the first state university in Istanbul to achieve the 'Zero Waste Certificate' in October 2020.

WATER CYCLE

The design of green areas at YTU was primarily undertaken to safeguard natural drainage zones, ensuring the continuity of the water cycle and contributing to the reduction of greenhouse gas emissions. Through this approach, YTU aims to play a role in enhancing the city's water cycle. In the water management systems of landscaped areas, the emphasis is on utilizing drought-resistant or low-maintenance plants, improving soil drainage, and ensuring the correct design and implementation of irrigation systems. The campus strives to conserve water through the natural recycling of water, reduced groundwater utilization, efficient water use facilitated by smart device systems, and the selection of xeric plants.

TRANSPORTATION

YTU aims to minimize or neutralize the carbon footprint by decarbonizing its campuses. Efforts are in progress to reduce energy consumption in university structures, open spaces, and transportation areas. As part of the climate change adaptation process, the goal is to transform into a post-carbon university by mitigating the impact of existing carbon dioxide through technology and afforestation.





VALLEY OF CHARLES OF C

YTU Student Clubs gather in this valley

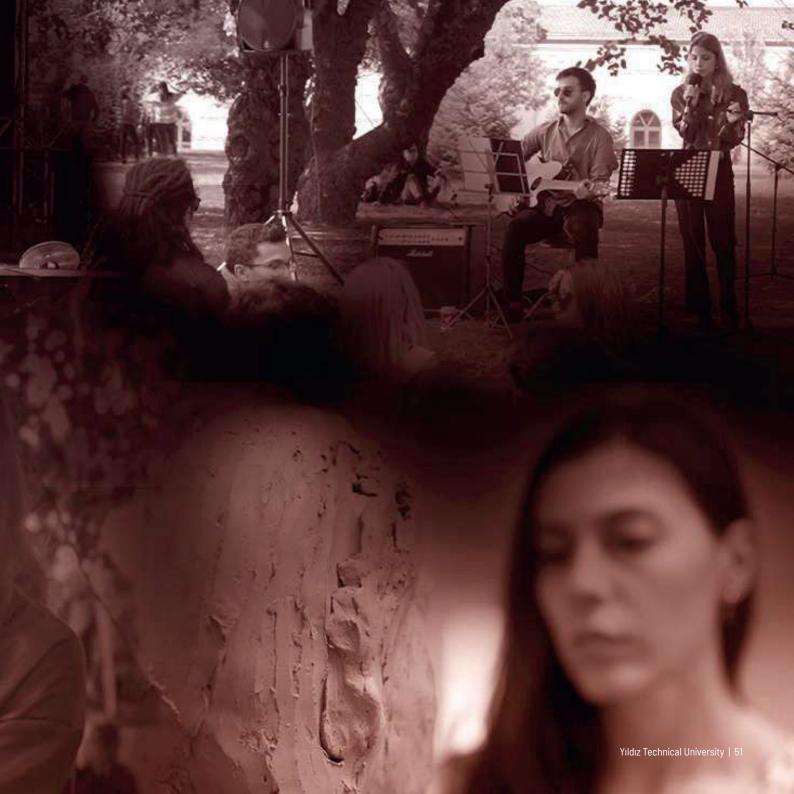
he Valley of Student Clubs, designed to unite student clubs and enhance their physical opportunities, hosts numerous events with its 40 office rooms, technical workshops, art workshop, meeting room, and open event space. This area, where various studies are conducted in categories such as science and technology, sports, social development, career, culture, and art, stands as one of the primary spaces where students come together to socialize at the university.



ARTS AND CULTURE

The Door to a Different World: YTU Art Clubs

TU campuses host numerous cultural and artistic events throughout the year. In addition, through YTU art clubs, our students carry out their studies encompassing cinema, theater, and music, opening the doors to an entirely different world through various events organized each year. These activities provide students with diverse opportunities to explore and appreciate the arts.







LIBRARY

TU accommodates two main libraries: the Davutpaşa Campus Central Library and the Yıldız Campus Şevket Sabancı Library. Serving a large internal and external user base, these central libraries offer 7/24 service. Additionally, there are communal study areas and department-specific libraries.

6.776.017 SOURCES PERSON CAPACITY 2.600 16.661 THESIS PRINTED 196.526 20.826 PRINTED 20.826 PRINTED PERIODICALS



HEALTH

n the Medico-Social Health Units located on the Beşiktaş and Davutpaşa Campuses, health services are offered to students, academic-administrative staff, their families, as well as retired personnel of our university





DINING HALL

High Standards of Food Service

TU cafeterias serve 10,000 people per day. In addition to providing nutritious and hygienic meals prepared to daily calorie needs, the cafeterias also offer celiac, vegan, and vegetarian menu services.



YILDIZ TECHNICAL UNIVERSITY

S I N C E 1 9 1 1



