

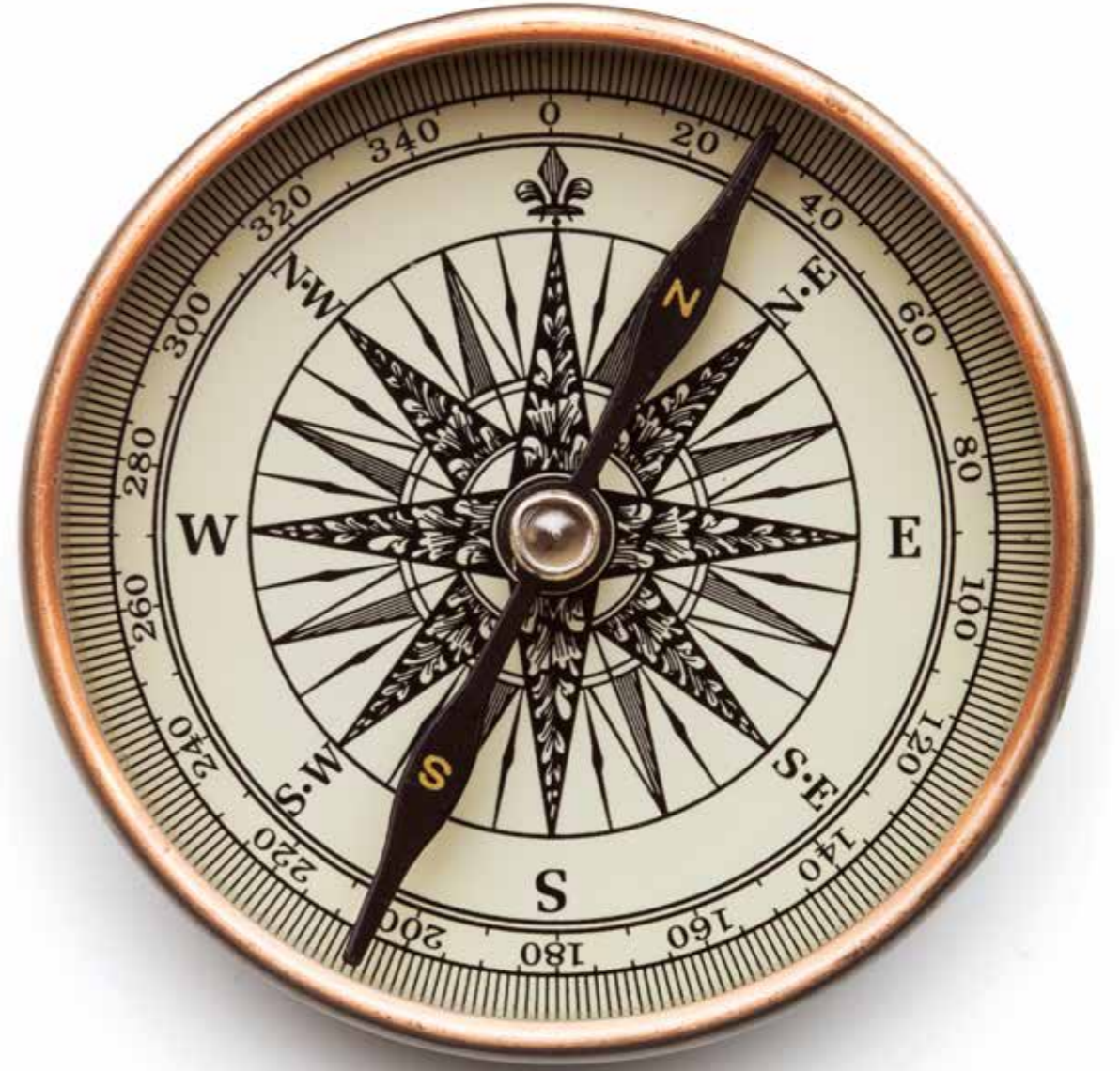


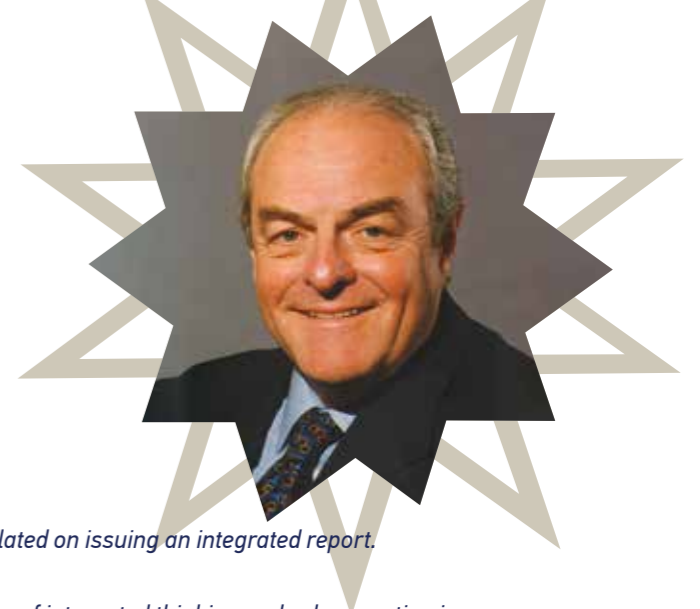
2018

INTEGRATED  
ANNUAL  
REPORT



**2018**  
**INTEGRATED**  
**ANNUAL**  
**REPORT**





## FOREWORD

---

*Yildiz Technical University is to be congratulated on issuing an integrated report.*

*In its first endeavour it has exhibited a grasp of integrated thinking and value creation in a sustainable manner. In the report the University has brought the issue of sustainability to the attention of all its stakeholders.*

*The report itself evidences an application of the guiding principles and content elements of the integrated reporting framework of the International Integrated Reporting Council.*

*Its corporate structure fits in with the architecture of having corporate leaders who take account of inputs to outcomes in creating value for the university.*

*In dealing with stakeholder engagements it deals with the critical issue of social and relationship capital and at the same time sets out the University's purpose by way of sustainable business goals in the report.*

*The business model embraces the impact of how the university achieves its purpose and adds value to the critical dimensions for sustainable development, the economy, society and the environment. This is evidenced in its value creation model which is set out in the report. Further, the report sets out how the University is going to achieve its value creation process in dealing with performance and outlook.*

*Not only has the University done an integrated report, it has extracted material matter from its financial and sustainability reports while applying the principles of the United Nations Global Compact and the Sustainable Development Goals of 2015.*

*The report is an excellent example of how a tertiary institution can play a leadership role in accountability. Essential to being accountable is that a report is understandable. The integrated report of Yildiz Technical University is clear, concise and understandable.*

*The University deserves accolades from all its stakeholders, both internal and external.*

Prof. Judge Mervyn E KING  
International Integrated Reporting Council  
Honorary President

# REPORT CONTENT

07

About the Report

08

Rector's Message

10

Message From CFGS

12

About Yıldız Technical University

13 Corporate Values

14 YTU in Numbers

15 Corporate Profile

16 Milestones

22 Corporate Structure

24 National and International  
Memberships / Collaborations

26

Strategy and Value Creation Model

27 Strategy

28 Stakeholder Engagement

30 Material Issues

32 Sustainable Development Goals

34 Risks and Opportunities

38 Business Model

40 Value Creation Model

42

Performance and Outlook

43 Focus Area 1:

Qualified Research and Development

55 Focus Area 2: Qualified Education and Training

73 Focus Area 3:

Sustainable and Responsible Management

85 Focus Area 4: Sustainable Development

89

Corporate Governance and Risk  
Management

90 Corporate Governance Structure

92 Sustainability Management

94 Internal Audit

95 Ethical Principles

96 Quality Management

97

Annexes

97 Annex-1: UN Global Compact: Principles and YTU

100 Annex-2: Assurance Statements

102 Annex-3: GRI Standards Content Index

106 Annex-4: Financial Statements

# ABOUT THE REPORT

The main objective of Yıldız Technical University is to create sustainable value for all its stakeholders. That first integrated annual report of Yıldız Technical University, aims to bring the University's performance on material sustainability issues to the attention of all stakeholders based on an integrated thinking approach. Additionally, Yıldız Technical University signed the United Nations Global Compact, as the first public university in Turkey and with this report, it aims to contribute to the awareness in universities' sustainability concerns as well.

Material issues identified in the report in line with the results of stakeholder surveys are associated with the Strategic Objectives of Yıldız Technical University and the United Nations Sustainable Development Goals, and a holistic assessment of the financial and non-financial performance of the 12-month period covering 1 January 2018 - 31 December 2018. This integrated annual report has been prepared in accordance with The Integrated Reporting Framework <IR> published by the International Integrated Reporting Council (IIRC) and the Global Reporting Initiative (GRI) GRI Standards: "Core Implementation". Furthermore, the education sector guide of the Sustainability Accounting Standards Board (SASB) has also been used. That report also includes progress reports on the principles of the United Nations Global Compact and the United Nations Sustainable Development Goals.

This report, which is the first among public universities in Turkey, is prepared by CFGS Sustainability Team under the guidance of Prof. Dr. Güler Aras. Prof. Aras is the founding director of the YTU Center for Finance Governance and Sustainability (CFGS) which is the first Turkish public university research centre signatory of United Nations Global Compact.

## RECTOR'S MESSAGE

---



Yıldız Technical University, with its 108 years of history and academic strength, ranks among Turkey's largest technical universities and at the international level, adopts the vision of leading research university model. It has the aim of operating beyond national borders by taking its power from the principles of exploration, progress and questioning.

Yıldız Technical University focuses on excellence in research and development and education, adopting a responsible management approach, universal values and sustainable development goals in all its activities within the framework of its mission of creating sustainable value for its stakeholders and society.

GreenMetric, a platform that draws attention to sustainability issues attended by reputable universities from all over the world and aims to raise global awareness about environmental awareness, has been making evaluations of sustainability of universities since 2010. According to Greenmetric Index study of the 2018 report, the world's different countries in the index where 719 universities are located, Yıldız Technical University, among the 32 universities participating from Turkey, has been the 9th among public universities and 393th across the globe.

Our university has been the world's largest voluntary corporate responsibility initiative, United Nations Global Compact's first signatory in Turkey as a public university and has prioritized achieving sustainable development goals for sustainable environment, economy and social life. Moreover, Yıldız Technical University has issued its annual report as an integrated report for 2018. This report has been the first in Turkey and has been among the few universities in the world.

For his valuable contributions in the preparation of this report, I would like to thank Professor Güler Aras, the founding director of YTU Center for Finance Governance and Sustainability (CFGs), CFGS Sustainability Team and all of our stakeholders.

Prof. Dr. Bahri ŞAHİN  
Yıldız Technical University  
Rector



## MESSAGE FROM CFGS

The world is facing complex and interdependent challenges, such as economic inequality, climate change, geopolitical tensions and the acceleration of the 4th Industrial Revolution, which has slowed down global development and growth. It is more volatile, uncertain, complex and ambiguous than we've ever experienced before. According to the 2019 Global Risks Report, the top three risks that threaten the world in the next decade are listed as environmental risks brought by climate change, followed by social and technological risks. We absolutely need new methods, new business models and new strategies to cope with global risks.

Parallel to the changing world conditions, the expectations of the new generation for the business environment are changing. The new generation attaches great importance to the meaning of the job, takes care of career development opportunities and wants it to be a "good job". This change in expectations shows that young people are not only aiming to earn money, but also that the meaning and results of their work are important. Nowadays, we see that this trend has led to more popularity of "social entrepreneurship" area. In order to raise successful individuals in the field of social entrepreneurship, which aims to create social value, not personal enrichment, the linking of entrepreneurship competencies with environmental, social and community values and the educational infrastructure that will support it become much more significant.



The main objectives of universities, which have a significant impact on the development and transformation of the society, are to train qualified labor and produce qualified research outputs. Universities are also responsible for providing the new knowledge and skills necessary for new solutions to the challenges of sustainable development and raising public awareness. The universities that raise the leaders of the future are the institutions that will guide the development of strategies to achieve sustainable development goals.

It is also crucial that the value created by the universities within the framework of their main objectives and responsibilities is conveyed to the stakeholders. Integrated thinking and the integrated reporting system based on that framework, in the review of all activities of the universities that play a key role in sustainable development; is an important tool in integrating Sustainable Development Goals into their vision, mission and strategic goals.

Taking on responsibility in line with The United Nations 2030 Sustainable Development Goals and UN Climate Change Conference (COP) decisions, to improve best practices in sustainability of universities in Turkey, Yıldız Technical University has become the first signatories of UN Global Compact in Turkey as a public university.

Yıldız Technical University has taken first place in Turkey and has been among the leading universities in the world with the competence of producing Integrated Report. In this Integrated Annual Report of Yıldız Technical University, the sustainability performance of the university has been presented to the attention of its stakeholders based on integrated thinking. The value creation process of Yıldız Technical University has been linked to capitals (human, intellectual, produced, natural, financial, social and relational) and the effect of creating value in short, medium and long term has been shared with to all stakeholders.

I wish that the first integrated annual report of our university, which has adopted the sustainability approach and internalized integrated thinking, will contribute to all stakeholders.

Professor Dr. Güler ARAS  
Center for Finance Governance and Sustainability (CFGS)  
Founding Director



## CORPORATE VALUES

### VISION

To become a leading, preferred, prestigious world university

**Guide:** Guiding society, science and people, forming the agenda

**Preferred:** Preferred by students, faculty and the world of work

**Prestigious:** Distinguished, prominent in science, ranked first, powered by the past

**World University:** Providing internationally acclaimed education and science

### MISSION

Developing Community Sensitive Information, Human Resource and Implementation

**Sensitive to society:** Prioritizing community welfare, facilitating life, ethics, emphasizing the human element, contributing to the development of the country, being sensitive to the environment, giving importance to cultural values, establishing collaborations, providing high quality value to the society.

**Information:** leading the research activities, developing technology, developing contemporary knowledge by producing the technological method

**Human Resource:** Aiming at lifelong teaching, thinking analytically, having the excellence culture; competent in the field, entrepreneurial, questioning, innovative, open-minded, equipped with self-esteem, expressing their knowledge and skills in their field, hosting and training outstanding people in that field

**Implementation:** To become a university that produces artistic products worldwide, offering solutions to scientific, interdisciplinary studies; implements innovations and projects.

### VALUES

"The success and prestige of Yildiz Technical University lie on the commitment to absolute academic excellence and the unique mix of the entrepreneurial spirit."

### MAIN PURPOSE AND OBJECTIVE

Yildiz Technical University is committed to the scientific, technological, economic, social and cultural development of society through a scientific approach to education, research and human aims to educate qualified individuals who research, question, access information, solve problems, produce and disseminate value added projects. From this point of view, Yildiz Technical University aims to reach world standards in education, research and development.



# YILDIZ TECHNICAL UNIVERSITY IN NUMBERS

11 Faculties  
46 Departments



2 Graduate Schools  
97 Master's Degree Programs  
44 Graduate Programs  
72 Doctoral Programs

3 High Schools



27 Research Centers



68 Student Clubs



1646 Academic Staff



731 Administrative Staff



35974 Students



Having  
Biggest  
Technopark  
in Turkey

370 R&D Firms



90 Incubation Firms



7000+ R&D Employees



352 Invention Notices



300 Patent Applications



3000+ Projects



Ranked 6<sup>th</sup>  
Among Research  
Universities in  
Turkey



Entrepreneurs  
and Innovative  
Universities  
ranked 6<sup>th</sup>



Greenmetric Index  
the 9<sup>th</sup> in Turkey,  
393<sup>rd</sup> in the World



## CORPORATE PROFILE

*"The success and academic excellence of Yildiz Technical University lies on the commitment to absolute academic excellence and the unique mix of the entrepreneurial spirit."*

Yildiz Technical University (YTU), with the vision of becoming a world university, represents a unique university education, research and cultural environment. YTU has inherited our superior science, technology and culture and is pioneering in open access to academic research, technology and art. Yildiz Technical University, one of Turkey's most prestigious universities, is a guide for the development and welfare of society

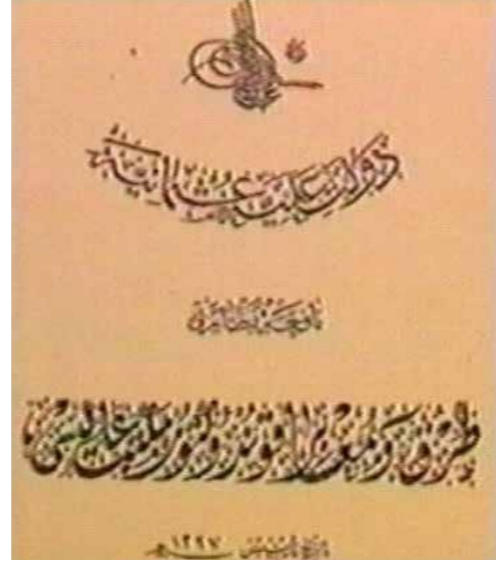
YTU offers a wide range of programs ranging from engineering to human and social sciences at undergraduate and graduate levels. YTU also provides opportunities for qualified students and academics to participate in exchange programs.

YTU is one of the leading institutions in Istanbul with its three separate campuses. With its history dating back to 1911, it is the fourth oldest university in Turkey. YTU is also regarded as one of the best universities in the country. The mission of the University is to provide development and cooperation at national and international levels by providing superior professional knowledge and skills in the field of education and training. Today YTU has 11 Faculties, 2 Institutes, 2 Vocational Schools, 1 School of Foreign Languages and about 36.000 students.

# MILESTONES

## Conductor School Period (1911—1922)

In order to meet the requirements of "Science Officer" (formerly conductor, presently technician) of the provincial Nafia administrations, it was established under the name of Conductor School of Higher Education, based on the curriculum of Ecol de Conducteur in Paris, as a school affiliated to the Ministry of Public Works. Enrolment began on 22 August 1911.



1911  
1922



## Nafia Science School Period (1922—1937)

The name of the school was transformed into the Nafia Science School in 1922 and the period of education was increased to 2.5 years in 1926 and 3 years in 1931.



1922  
1937

## Istanbul Technical School Period (1937—1969)

With the Law No. 3074 published on 19 December 1936 and enacted on 1 June 1937, Nafia Science School was abolished and Technical School was established. The 2-year science officer and 4-year engineering departments have been allocated and moved from the Yildiz Palace outbuildings to the buildings still in use today. In the early period, the school had Construction and Mechanical Science departments educating students as technical officers and engineers. From the 1942-1943 semesters on, Electricity and

Architecture departments were founded as part of the department of engineering.

The Law dated 26 September 1941 on the transfer of the Istanbul School of Professional Engineers and the Technical School to the Ministry of Education transferred the school from the Ministry of Public Works to the Ministry of Education. The degree of the Ministry of National Education dated 7 June 1949 founded the Cartography and Land Survey Engineering Department and began education in the 1949-1950 semesters as the first institution for engineers in Turkey in this field. In the 1951-1952 semesters the department for the education of technicians was closed. In the 1959-1960 semesters a department of specialization was opened at the Istanbul Technical School which awarded the titles of professional engineer and professional architect after a year's study.

1937  
1969



## MILESTONES



1969  
1982

### **Istanbul Public Engineering and Architectural Academy Period (1969—1982)**

The school was established as an autonomous higher education and research institution with a new law (Law no. 1184) of State Engineering and Architectural Academies published on 3 June 1969. Law no. 1472 ruled for the closing of special vocational schools in 1971, and engineering schools were affiliated with the Istanbul Public Engineering and Architectural Academy.



### **Yıldız University Period (1982—1992)**

1982  
1992

The Istanbul State Engineering and Architectural Academy and affiliated schools of engineering and the related faculties and departments of the Kocaeli State Engineering and Architecture Academy and the Kocaeli Vocational School were merged to form Yıldız University in 1982. The new university incorporated the departments of Science-Literature and Engineering, the Vocational School in Kocaeli, a Science Institute, Social Sciences Institute and the Foreign Languages, Atatürk Principles and the History of Revolution, Turkish Language, Physical Education and Fine Arts departments affiliated with the Rectorate.

### **The Yıldız Technical University Period (1992—...)**

1992

Our university was renamed as Yıldız Technical University in 1992 (Law no: 3837). The Engineering Faculty was divided into four faculties and restructured as the Electrical-Electronics, Construction, Mechanical and Chemical-Metallurgy Faculties and also included the Faculty of Economics and Administrative Sciences within its organization. The Kocaeli Faculty of Engineering and the Kocaeli Vocational School were released from our university to be restructured as Kocaeli University. *Today our university has 11 Faculties, 2 Graduate Schools, the Vocational School for Foreign Languages and more than 40.000 students.*





# ORGANIZATIONAL STRUCTURE

## ACADEMIC UNITS

### GRADUATE SCHOOLS

- Graduate School of Natural and Applied Sciences
- Graduate School of Social Sciences

### FACULTIES AND DEPARTMENTS

- Faculty of Naval Architecture and Marine Engineering**  
Naval Architecture and Marine Engineering Department  
Marine Engineering Operations Department
- Mechanical Faculty**  
Industrial Engineering Department  
Mechatronics Engineering Department  
Mechanical Engineering Department
- Faculty of Architecture**  
Architecture Department / Urban and Regional Planning Department / Department of Conservation and Restoration of Cultural Property
- Faculty of Education**  
Computer and Educational Technology Education Department / Primary School Science Teaching Department / Primary School Mathematics Teaching Department / English Language Teaching Department / Primary School Class Teaching Department / Guidance and Psychological Counseling Department / Primary School Teaching Department / Social Sciences Teaching Department / Turkish Language Teaching Department
- Faculty of Electrical and Electronics Engineering**  
Computer Engineering Department / Electrical Engineering Department / Electronics and Communication Engineering Department / Control and Automation Engineering Department / Biomedical Engineering Department

- Faculty of Arts & Sciences**  
Western Languages and Literature Department / Physics Department / Statistics Department / Chemistry Department / Mathematics Department / Molecular Biology and Genetics Department / Turkish Language and Literature Department / Humanities and Social Sciences

- Faculty of Economics and Administrative Sciences**  
Economics Department / Business Administration Department / Political Science and International Relations Department

- Civil Engineering Faculty**  
Civil Engineering Department  
Environmental Engineering Department  
Geomatics Engineering Department

- Faculty of Chemical-Metallurgical Engineering**  
BioEngineering Department  
Food Engineering Department  
Chemical Engineering Department  
Mathematical Engineering Department  
Metallurgical and Materials Engineering

- Faculty of Art and Design**  
Communication Design Department  
Arts Department  
Music and Performing Arts Department

- Faculty of Applied Sciences**  
Aviation Electronics Department

### RECTORATE UNITS

- Ataturk's Principles and Revolution History Department
- Physical Education Department
- Informatics Department
- Department of Turkish Language

### HIGH SCHOOLS

- Vocational Schools**  
Economics and Administrative Programs  
Technical Programs

- National Palaces and Historical Buildings Vocational School**  
Technical Programs Department

- School of Foreign Languages**  
Basic English Department  
Modern Languages Department

### DEAN OF STUDENTS

- Counselling Unit
- Student Solutions Center

## ADMINISTRATIVE UNITS

- Rectorate Private Secretariat
- Internal Audit Units
- General Secretariat

- Directorates**  
Directorate of IT / Directorate of Administrative and Financial Affairs / Directorate of Library and Documentation  
Directorate of Student Affairs / Directorate of Staff Affairs / Directorate of Health, Sport and Culture / Directorate of Strategic Development / Directorate of Construction and Technical Works

- Registrar's Office**

- Other Units**  
Directorate of Printing and Publishing  
Document Management and Archive Services Branch / Information Retrieval Unit Support / Services Support Unit / Directorate of Revolving Funds / Directorate of Protection and Security / Civil Defense Expertise / Legal Affairs / Immovable Management and Permanent Worker Unit

## COORDINATORSHIPS

- Scientific Research Projects
- Bologna
- Faculty Member Training Program
- Occupational Health and Safety
- Communication Coordination

- Communication Coordinator
- Central Exam Coordination
- Alumni Coordination
- Quality Coordination
- Technology Transfer Office
- Information Technologies (IT)
- Science, Art and Cultural Activities
- Sports Activities
- Scholarship Office
- International Relations  
European Union Office (ERASMUS)  
International Student Office  
Mevlana Exchange Program  
Farabi Exchange Program  
International Collaborations and Joint Programs

## RESEARCH AND APPLICATION CENTERS

- Ataturk's Principles and History of Turkish Revolution
- Balkan Advanced Casting Center
- Balkan and Academic Studies Center
- Science and Technology
- Registrar's Office
- Natural Sciences
- Industrial Relations
- Energy
- Center for Finance Governance and Sustainability (CFGS)
- Istanbul Historic Peninsula
- Statistics
- Membrane Materials and Technologies
- Vocational Training
- Art and Design
- Social Innovation
- Strategic Research Center
- Sultan Abdulhamid II
- Continuous Learning
- Historical Heritage Protection
- Tourism Zone Management
- Turkish and Foreign Languages
- Social and Economic History of Turkey
- Transportation
- International Urban Studies
- Distance Learning
- Vedat Kosal Music
- Settlement and Architecture Science

# NATIONAL AND INTERNATIONAL MEMBERSHIPS / COLLABORATIONS

Yıldız Technical University International Cooperation and Joint Programs Unit deals with international educational cooperation protocols and programs; provides international exchange of teaching staff and students by signing bilateral and multilateral international educational cooperation protocols with all countries in the world.

## BILATERAL AGREEMENTS BETWEEN UNIVERSITIES

### ERASMUS+ PROGRAM

EU Office Coordinator (Erasmus + Program) offers 30 in Europe, 1 in Africa, 4 in Asia, 1 in North America and 2 countries in the Middle East, 649 bilateral agreements in total, with the various departments of our faculties.<sup>1</sup>

### MEVLANA EXCHANGE PROGRAM

This program involves bilateral agreements between various departments of our faculties and 10 countries.

### PROJECT BASED INTERNATIONAL EXCHANGE PROGRAM AND TURKEY-PAKISTAN INTERNATIONAL PROJECT BASED EXCHANGE PROGRAM

This program supports the mobility of students and teaching staff within the framework of a project. Projects approved by YÖK are supported.

### FARABI STUDENT EXCHANGE PROGRAM

The Student and Faculty Exchange Program Between Higher Education Institutions, which is called as "Farabi Exchange Program" is a student and faculty member exchange program between higher education institutions which provide education at associate degree, undergraduate, graduate and doctorate level within university and high technology institutes. The program aims to enable students or faculty members to continue their education and training activities in another higher education institution for one or two semesters.

Within the scope of Farabi in 2018, the number of protocols reached 83 in our university. In 2018, 118 students, 117 of whom came to YTU and 1 student from our university, benefited from mobility within the scope of Farabi Exchange Program.

<sup>1</sup> Detailed information about the agreements can be found in YTU 2018 Administration Annual Report.



# STRATEGY AND VALUE CREATION MODEL



## BUSINESS STRATEGY

*"Yildiz Technical University focuses on excellence in research and development and education, adopting a responsible management approach, universal values and sustainable development goals in all its activities within the framework of its mission of creating sustainable value for its stakeholders and society."*

### STRATEGIC PURPOSES AND GOALS

#### STRATEGIC PURPOSE 1 (SP-1): BEING THE LEADING UNIVERSITY IN RESEARCH AND DEVELOPMENT

- **Strategic Goal 1 (SG-1)** Increasing the quality and quantity of researcher potential.
- **Strategic Goal 2 (SG-2)** Implementing the Research-Innovation-Commercialization (RIC) concept.
- **Strategic Goal 3 (SG-3)** Promoting interdisciplinary studies.
- **Strategic Goal 4 (SG-4)** Developing priority research areas.

#### STRATEGIC PURPOSE 2 (SP-2): BEING THE LEADING UNIVERSITY IN EDUCATION AND TEACHING

- **Strategic Goal 5 (SG-5)** Ensuring that successful students prefer our university.
- **Strategic Goal 6 (SG-6)** Training Programs according to testing and assessment results.
- **Strategic Goal 7 (SG-7)** Increasing our students' national and international achievements.
- **Strategic Goal 8 (SG-8)** Establishing strategic partnerships to conduct training and research and produce services

#### STRATEGIC PURPOSE 3 (SP-3): EXCELLENCE IN INSTITUTIONALITY AND ENSURING SUSTAINABILITY

- **Strategic Goal 9 (SG-9)** Developing management practices and systems.
- **Strategic Goal 10 (SG-10)** Designing and continuously improving the data analysis system.
- **Strategic Goal 11 (SG-11)** Developing the physical and technological infrastructure for education, training and research.

#### STRATEGIC PURPOSE 4 (SP-4): PIONEERING STUDIES TO IMPROVE THE QUALITY OF LIFE IN THE SOCIETY

- **Strategic Goal 12 (SG-12)** Identifying the fundamental problems of society and produce solutions to these problems.
- **Strategic Goal 13 (SG-13)** Increasing the effectiveness of Art and Design Park (ARTPARK) and Social Innovation Coordinatorship
- **Strategic Goal 14 (SG-14)** Ensuring the continuity of the participation and contribution of our stakeholders to the university activities.

# STAKEHOLDER ENGAGEMENT

Yıldız Technical University comes together with its stakeholders through various communication channels to create sustainable values and tries to improve its sustainability performance.

Determining the primary areas of sustainability, methodology of AA1000SE Stakeholders Participation Standard is implemented to make this process of stakeholder participation more strategical and comprehensive. The Stakeholder Survey, which is the basis of sustainability strategy of Yıldız Technical University has been prepared parallel with this methodology.

STAKEHOLDER GROUPS	COMMUNICATION CHANNELS
<b>Students</b>	Courses, seminars and conferences, student clubs, official web site, social media accounts, offices, e-mail, media, integrated report, annual report.
<b>Academic Staff</b>	Courses, academic studies and projects, seminars and conferences, meetings, official web site, social media accounts, offices, e-mail, media, integrated report, annual report.
<b>Administrative Staff</b>	Seminars and conferences, meetings, periodical reports, official web site, social media accounts, offices, e-mail, media integrated report, annual report
<b>Business World</b>	Institutional meetings, face-to-face interviews, joint projects, official web site, social media accounts, offices, e-mail, media, integrated report, annual report.
<b>Graduates</b>	Graduates' platform, graduates' club, activities for graduates, seminars and conferences, official web site, social media accounts, offices, e-mail, media, integrated report, annual report.
<b>TechnoPark</b>	Institutional meetings, face-to-face interviews, joint projects, official web site, social media accounts, offices, e-mail, media, integrated report, annual report.
<b>Universities and Other Education Institutions</b>	National and International academic seminars and conferences, joint projects and activities, official web site, social media accounts, offices, e-mail, media integrated report, annual report.
<b>Public Institutions and NGO's</b>	Institutional meetings, face-to-face interviews, joint projects, official web site, social media accounts, offices, e-mail, media, integrated report, annual report.
<b>Media</b>	Press Bulletins, Press meetings, social media accounts, announcements, special news and interviews, columns, official web site and e-mail.
<b>Community</b>	Activities, KSS projects, sponsorships, media, official web site, social media accounts, integrated report, annual report

# YTU FROM THE EYES OF STAKEHOLDERS



Yıldız Technical University determines and reviews its priorities in cooperation with its stakeholders and in parallel with the expectations of its stakeholders.



FAIRNESS  
 FAIR JUST PROGRESS  
 DETERMINATION GARDEN WISE CONSCIOUSNESS  
 DAVUTPAŞA PRECIOUS DISCIPLINE DIALOGUE ORDER ECOLOGY  
 INDUSTRY ACTIVITY ENTERTAINING FUTURE TRADITIONAL IMPROVING  
 TRUST PHILOTHERIAN GOAL TRANQUILITY COMMUNICATION CAPABILITY  
 PERSON-ORIENTED WILL-POWER ISTANBUL EMPLOYMENT REPUTATION COOPERATION  
 DEVELOPMENT CAMPUS PUBLIC COMPREHENSIVE CAREER PARTICIPANT CLUB INSTITUTIONALISM  
 GLOBAL ARCHITECTURE MODERN HAPPINESS QUALIFICATION POTENTIAL PRESTIGE PROACTIVE  
 PROJECT LOYALTY COOL DISTINGUISHED SOCIABILITY WARM TECHNOPARK HOPE PRACTICE PRAGMATIC  
 HARMONY EFFICIENT NATIVE HARD PIONEER ORIGINAL EDUCATIVE PRODUCTIVE PRODUCTIVITY RESEARCH  
 R&D DISCIPLINED FRIENDSHIP EVOLUTION ENTREPRENEUR POWERFUL CORPORATE  
 BRAND-ORIENTED REPUTABLE EXPERIENCED TECHNOLOGY TECHNOLOGIC COMMUNITY  
 BEŞİKTAŞ SUPPORTIVE VALUE RELIABLE QUALITY POTENTIAL PRESTIGIOUS  
 SOCIAL HISTORY CONTEMPORARY INDUSTRY CENTENARY SUCCESS  
 GREEN ENGINEERING PROGRESSIVE QUALIFIED  
 SUCCESSFUL HIGH-CLASS YILDIZ  
 TECHNICAL ESTABLISHED  
 INNOVATIVE  
 EDUCATION

In the Stakeholder Survey conducted to determine the priorities of Yıldız Technical University, "How would you describe Yıldız Technical University in three words?" was directed to all participants. According to the answers, the first three words that best describe Yıldız Technical University were "Established, Innovative and Education".





# MATERIAL ISSUES

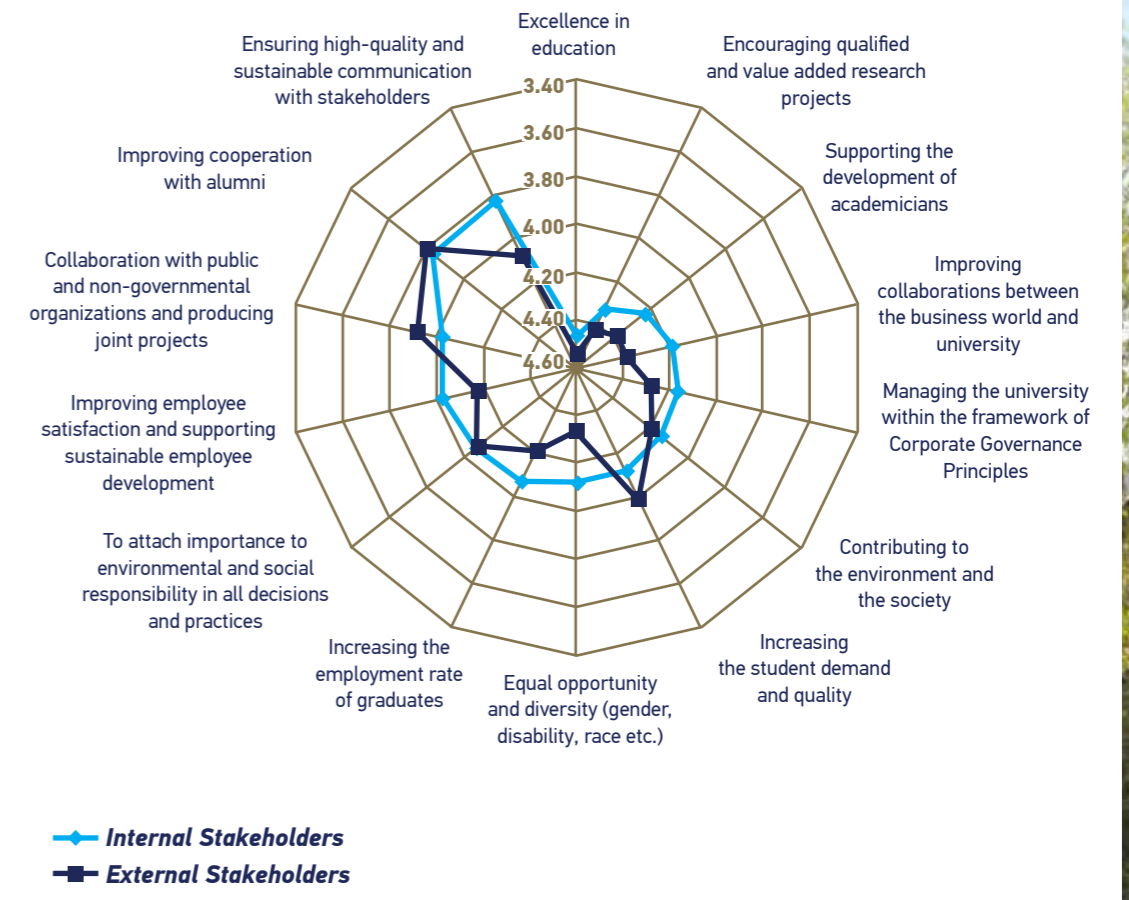
The results of Stakeholder Survey, which is implemented for determining the material issues of YTU, and the key focus areas in parallel with university's activities are spotted as *Qualified Research and Development, Qualified Education, Sustainable and Responsible Management and Sustainable Development*.

Among the strategical objectives of the university and these material topics related to United Nations Sustainable Development Goals, the areas following are outstanding: *Excellence in Education, Encouraging qualified and value added research projects, supporting the development of academicians, improving collaborations between the business world and university and managing the university within the framework of Corporate Governance Principles*. Also, to relate these priorities determined in parallel with the results of Stakeholder Survey with university's strategical purposes enables the holistic evaluation of university's financial and non-financial performance and reviewing future objectives with the perspective of sustainability.

	FOCUS AREAS AND MATERIAL ISSUES	PRIORITY ORDER	RELATED SDG'S
SP-1	<b>Qualified Research and Development</b>		
	SG-3,4	Encouraging qualified and value added research projects	2
	SG-1	Supporting the development of academicians	3
	SG-2	Improving collaborations between the business world and university	4
SP-2	<b>Qualified Education and Training</b>		
	SG-6	Excellence in education	1
	SG-7,8	Increasing the employment rate of graduates	8
	SG-5,7,8	Increasing the student demand and quality	9
SP-3	<b>Sustainable and Responsible Management</b>		
	SG-9,10	Managing the university within the framework of Corporate Governance Principles (Transparent, responsible, fair and accountable)	5
	SG-9	To attach importance to environmental and social responsibility in all decisions and practices	10
	SG-9,11	Improving employee satisfaction and supporting sustainable employee development	11
SP-4	<b>Sustainable Development</b>		
	SG-12	Equal opportunity and diversity (gender, disability, race etc.)	6
	SG-12,13	Contributing to the environment and the society	7
	SG-14	Collaboration with public and non-governmental organizations and producing joint projects	12
	SG-14	Ensuring high-quality and sustainable communication with stakeholders	13
SG-14	Improving cooperation with alumni	14	

İLİŞKİLİ STRATEJİK AMAÇ (SA) VE STRATEJİK HEDEFLER (SH)

# MATERIAL ISSUES





# RISKS AND OPPORTUNITIES

## RISK MANAGEMENT

Yıldız Technical University systematically identifies risks that may affect the sustainability of its core activities and strives to monitor and effectively manage these risks. Recognizing that risks cannot be completely eliminated, the University adopts a risk management approach to reduce the likelihood and potential effects of these risks rather than avoiding them. Risk management, which is a significant part of Yıldız Technical University's business model, is considered as a guarantee of the university's achievement of its strategic objectives and sustainability.

Like all institutions, Yıldız Technical University faces various risks and opportunities that can significantly affect the potential and process of creating value over time. Although some of these risk factors are macroeconomic, social and environmental factors and affect the performance of the sector as a whole, some of them are risk factors specific to Yıldız Technical University and its stakeholders.

STRA-TEGY	RISK TOPIC	RISK DISCLOSURE	RISK MANAGEMENT
SP-2	Student Experience	Any problem in continuing high quality student experience, may damage the university's reputation and affect the recruitment of graduates	<ul style="list-style-type: none"> <li>University offers leadership and coordination platform with Student Dean and Student Counselling and Career Center</li> <li>University Education-Training Commission follow the prior issues of learning and enable to involve them in current outlines of the courses.</li> </ul>
SP-1	Qualified Research	Failure to maintain a qualified research stance may jeopardize the University's reputation. Loss of research rewards (projects supported by various institutions, etc.) can mean loss of funds and may lead to inadequacy in realizing the University's future investment plans. Moreover, it may affect the potential of qualified researchers who are thinking of preferring prefer Yıldız Technical University.	These risks are actively managed by the Vice Rector for Research and Planning at YTU, which encourages research activities to establish and maintain research excellence.

SP-2	Qualified Education and Training	Failure to maintain a qualified Education and Training stance may jeopardize the University's reputation. Furthermore, the quality of graduates and the potential of the University to attract qualified academics and students may be affected.	<ul style="list-style-type: none"> <li>Student-oriented; the use of teaching strategies, methods and techniques that will enable the student to receive and use information,</li> <li>Expanding culture, arts, health and sports activities,</li> <li>making use of all the opportunities of educational technologies, *Providing suitable accommodation, working and resting places for students,</li> <li>Encouraging new programs in accordance with the science and technology policies,</li> <li>The processes aimed at maximizing cooperation opportunities with universities in Turkey and abroad are monitored and managed by YTU Vice-Rector responsible for Education and Training.</li> </ul>
SP-3	Employee Development	If the continuous development of staff cannot be supported, that reduces the effectiveness of university activities, service and reputation	Supporting the efficiency and productivity of its employees with the services it provides with a management approach that sees people at the center of the structure, the University strives to provide a working environment in which employees and managers are confident and satisfied with its neutral, transparent and contemporary practices.
SP-3	Strategic developments-managerial changes	Inadequate capacity or inadequate management of capacity and business priorities lead to non-implementation of projects to maintain strategic developments and competitive position.	In the process of preparing long-term and comprehensive strategic plans, YTU Vice Rector for Administrative Affairs coordinates and directs appropriate projects and programs.

<b>SP-1</b>	<b>Financial</b>	Failure to achieve stability and sustainability (specific solvency and liquidity) will hinder the achievement of the University's strategic objectives.	<ul style="list-style-type: none"> <li>• The Department of Administrative and Financial Affairs shall ensure that the available resources such as human resource, fund and materials are used in the most appropriate and efficient way in order to carry out the services and activities in an economic and effective manner, and collect the necessary information, documents and statistics related to the financial resources of investment programs and evaluating, monitoring cash, carrying out all kinds of payments, carrying out the work related to the supply of tools and materials,</li> <li>• Providing administrative, financial and technical work of the University within the framework of related laws, regulations,</li> <li>• The Department of Strategy is responsible for the analysis of the University's income and expenditure resources with rational, consistent actions and projected estimates in accordance with the Law no. 5018 on Public Financial Management and Control, in accordance with the regulations, directives, working programs, budgetary principles and business principles. In addition, it conducts financial transactions in a consistent manner and makes efficient and effective planning.</li> </ul>
<b>SP-2</b>	<b>Sustainabi-</b>		
<b>SP-3</b>	<b>lity</b>		
<b>SP-4</b>			
<b>SP-3</b>	<b>Physical and Technological Infrastructure</b>	Failure to sustain and scale the critical services required by the University may result in inadequate investment, constraints or poor coordination in IT, libraries and laboratories.	<p>In line with the University's strategic purpose of developing physical and technological infrastructure for education, training and research;</p> <ul style="list-style-type: none"> <li>• The Department of Information Technology is responsible for carrying out necessary technology research in accordance with the needs of in-university units in academic researches, training programs, and transforming these technologies into investment and service in order to reach the level of information technology in the world's leading institutions.</li> <li>• The Department of Data Processing works to adapt the workforce and organization to the digital transformation process in line with the changing technological conditions.</li> </ul>
<b>SP-3</b>	<b>Public Policy and Legislation</b>	Changes in government policy, either directly or indirectly, on higher education issues may affect the University's activities.	<ul style="list-style-type: none"> <li>• Changes and updates to the legislation of the Council of Higher Education (CoHE) are closely monitored and the University's Regulations and Implementation Principles are rapidly revised and harmonized with YÖK Legislation.</li> </ul>

<b>SP-3</b>	<b>Loss of sensitive information</b>	Serious reputation loss can occur due to fragile university systems and loss of sensitive data as a side effect of missing and / or incorrect checks	<p>The senior management of the university is responsible for establishing, approving, publishing, updating and continually providing the Information Security policy, and informing all employees and related external users.</p> <ul style="list-style-type: none"> <li>• Protection of information against access by unauthorized persons,</li> <li>• Protection of confidentiality, integrity and accessibility of information,</li> <li>• Meeting legal requirements,</li> <li>• Implementation of Information Resources Manual Directive,</li> <li>• Information security training, provides information security training to all personnel,</li> <li>• Establishing and maintaining information security policy,</li> <li>• Adhering to the Information Security Policy of the Management and its activities constitute the scope of the University's information security strategy.</li> </ul>
-------------	--------------------------------------	--	--

## OPPORTUNITIES

### FOR UNIVERSITY

- Attracting institutions with international equivalence to cooperate
- Attracting qualified academicians and students
- Effective collaboration and communication with the business world by creating an extensive network of alumni.

### FOR STUDENTS

- Teaching strategies, methods and new techniques compatible with current educational technologies that will allow the student to gather and use information
- Implementing new programs in accordance with the latest science and technology policies
- Opportunities for wide cooperation with national and international universities.

### FOR ACADEMIC STAFF

- Interdisciplinary projects carried out by national and international cooperation,
- Contemporary physical and technological infrastructure for education, training and research
- Research-Innovation-Commercialization concept

### FOR ADMINISTRATIVE STAFF

- Business environment compatible with contemporary management and current technology

### FOR SOCIETY

- Working on projects with high social impact
- Raising qualified graduates that will provide benefits to society

# BUSINESS MODEL

## INPUTS

University uses the following inputs to create financial and non-financial value

**HUMAN** 

**PHYSICAL AND TECHNOLOGICAL INFRASTRUCTURE** 

**NETWORK AND COLLABORATIONS** 

**FINANCIAL RESOURCES** 

**NATURAL RESOURCES** 

## HOW THE VALUE IS CREATED?

— To achieve excellence in education, training and research, the University offers an educational, teaching and research environment at national and international standards, in line with current technology and developments.

— The University equips its students with the basic skills they need to be able to cope with social problems and produce solutions in the 21st century, and prepares them for the business world by raising them as a world citizen.

— Yildiz Technical University, one of the leading research universities in Turkey, has a significant role in bringing qualified academics and students to the university with its leadership in the field of research.

— The University, with Turkey's largest Technopark in the context Research-Innovation Commercialization concept, establishes important collaborations on a national and international scale and is performing highly effective multidisciplinary and original projects.

— University management has universal values of a fair, transparent, accountable and responsible management approach

— Within the framework of United Nations Sustainable Development Goals, the University creates value for the society and the world by encouraging pioneering studies for the priority research areas that it identifies based on issues on a social and global scale.

## OUTPUTS

Outputs of the University are measured in different ways and the outputs of financial and non-financial performance are given in the Performance and Outlook section.

**STUDENT SATISFACTION** 

**RESEARCH OUTCOMES** 

**EMPLOYMENT RATE OF ALUMNI** 

**WIDE STAKEHOLDER ENGAGEMENT** 

**REPUTATION** 

## CREATED AND SHARED VALUES

Yildiz Technical University shares its financial and non-financial values created in line with its vision, mission and strategic objectives with all stakeholders.

— **For Students,**  
Investing on teaching, learning and research environment for current and prospective students within modern technologies and developments.

— **For academic staff,**  
Focusing on research excellence, University offers a range of incentives to support the continuous development of academic staff and provides a high-quality research environment.

— **For administrative staff,**  
YTU strives to invest in the creation of a modern and responsible management approach and up-to-date business environment for administrative staff.

— **For society,**  
Within the framework of the United Nations Sustainable Development Goals, YTU supports the development of society by educating graduates and providing services to produce solutions to social and global problems.

# VALUE CREATION MODEL

Yildiz Technical University, with a scientific approach to education, research and human needs and peaceful environment, aims to educate qualified, questioning, accessing information, problem solving individuals who produce and disseminate value added projects with studies on a global scale for the scientific, technological, economic, social and cultural development of the society. From this point of view, the University aims to reach world standards in education, research and development and is rapidly advancing towards becoming a modern university.

The University adopts the following policies in order to ensure the sustainability of its activities.

- Documenting and continuously improving the documentation to meet the ISO 9001 standard,
- Realizing our mission in a sensitive manner towards society and environment, together with working culture and team spirit based on total quality,
- Training, research, development to meet stakeholder needs and expectations and to ensure the change and development of our service processes through continuous improvement approach,
- To follow and apply scientific and technological developments closely,
- To encourage innovative and creative approaches.

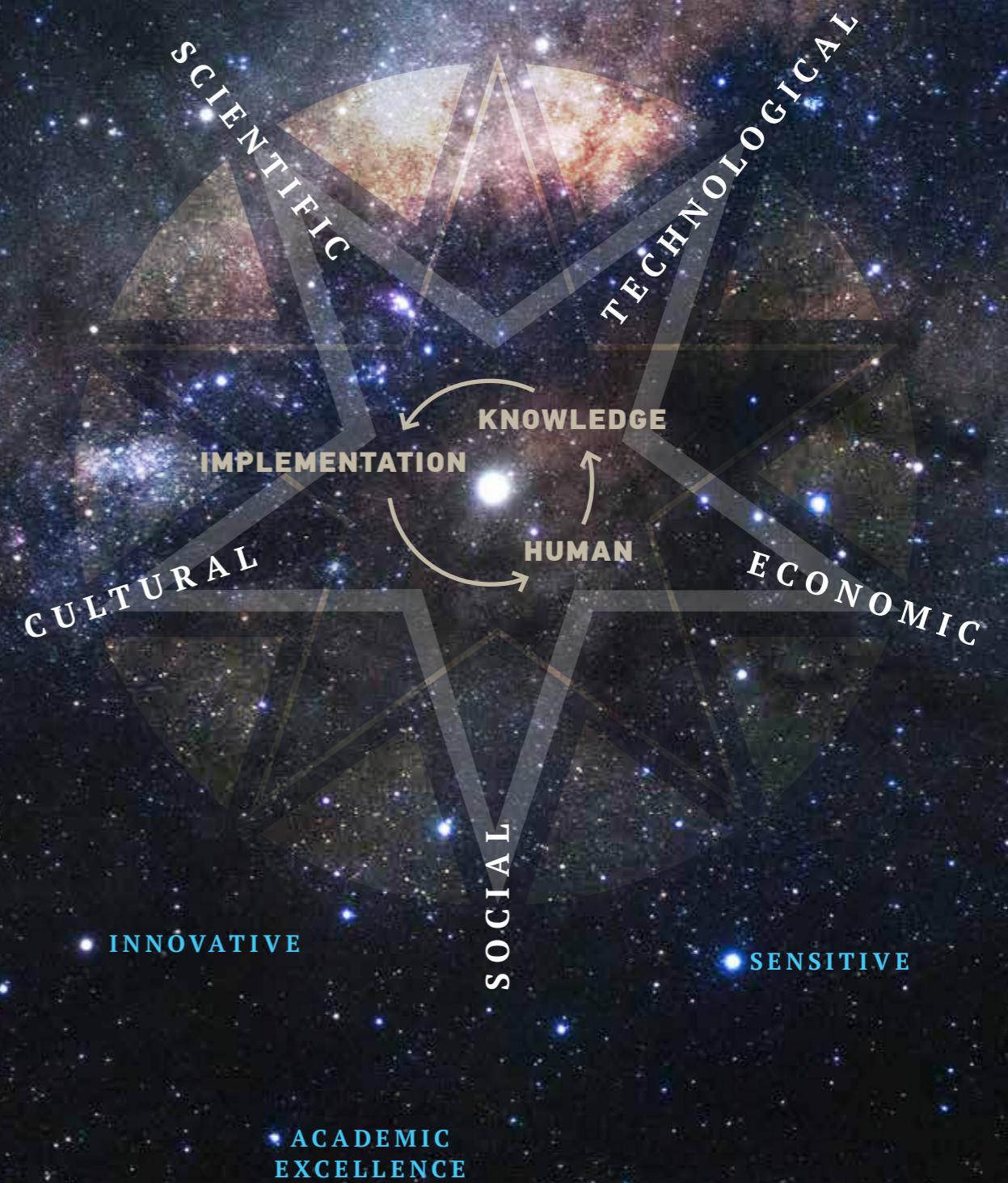
UNIVERSAL  
VALUES

RESPONSIBLE

PIONEER

FAIR

REPUTABLE



## FOCUS AREA 1: QUALIFIED RESEARCH AND DEVELOPMENT

Yıldız Technical University believes that qualified research and development is one of the most fundamental and powerful tools for sustainable development, contributing to the training of qualified researchers by enabling young researchers to participate in qualified research projects.

### YILDIZ TECHNICAL UNIVERSITY'S MATERIAL ISSUES IN THAT AREA:

1. Encouraging qualified and value added research projects and publications
2. Supporting the development of academicians
3. Improving collaborations between the business world and university

### ENCOURAGING QUALIFIED AND VALUE ADDED RESEARCH PROJECTS AND PUBLICATIONS

Yıldız Technical University has determined the principles of the international scientific publications promotion program in order to encourage the academic staff to publish at an international level and to reward the owners of the publications within this scope.

Award - As a result of the evaluations made by the Publication Incentive and Evaluation Commission, full-text articles published in journals indexed in SCI, SCI-EXPAND, SSCI, AHCI are regularly awarded every year.

### PUBLICATIONS THAT ARE INDEXED IN PEER REVIEWED JOURNALS IN 2018

**1057**  
International  
Articles

**1522**  
International  
Proceedings

**102**  
Books

**235**  
National  
Article

**327**  
National  
Proceeding

## SCIENTIFIC RESEARCH PROJECTS IN 2018

167 new research projects in total have been initiated in 2018. 204 projects out of a total of 402 projects were successfully completed with the projects transferred from other years to 2018.

PROJECT TYPE	SCIENTIFIC RESEARCH PROJECTS IN 2018				
	Number of Ongoing Projects from the previous years	Number of New projects started in current year	Total Number of Projects	Number of Finished Projects in the current year	Total Budget
DEVELOPMENT MINISTRY OF PROJECTS	1	1	2	-	10.000,00 ₺
TUBITAK PROJECTS	44	34	78	17	33.220.168,45 ₺
EU PROJECTS	1	-	1	-	242.985,00 €
BAP PROJECTS	189	131	320	187	1.862.967,00 ₺
<b>OVERALL</b>	<b>235</b>	<b>167</b>	<b>402</b>	<b>204</b>	<b>35.093.135,45 ₺</b> <b>242.985,00 €</b>

PROJECT TYPE	BAP PROJECTS DISTRIBUTION AND PROJECT OUTCOMES IN 2018									
	Number of Projects Transferred from previous years	Number of New projects started in current year	Number of Finished Projects in the current year	Total Number of Projects	Proceeding		Dissertation		Publication	
					Inter-national	National	Master Thesis	PhD Thesis	Inter-national	National
NAP PROJECTS	51	32	68	83						
ÇAP PROJECTS (NEW)	1	3	-	4						
PHD THESIS PROJECTS	86	39	41	125						
MASTER THESIS PROJECTS	27	55	52	82	66	3	52	41	166	12
IRP PROJECTS (NEW)	-	1	-	1						
ABP PROJECTS (NEW)	2	1	-	3						
GUIDED PROJECTS	1	-	-	1						
CAREER PROJECTS	21	7	26	21						
<b>OVERALL</b>	<b>189</b>	<b>138</b>	<b>187</b>	<b>320</b>	<b>66</b>	<b>3</b>	<b>52</b>	<b>41</b>	<b>166</b>	<b>12</b>

## PERFORMANCE GOALS

### 1. PROMOTING INTER-DISCIPLINARY STUDIES

#### 1.1. The opening of interdisciplinary graduate programs brought by the country's priorities and developing technology.

Yıldız Technical University will continue to improve the infrastructure of graduate education in the following years

PERFORMANCE INDICATORS	2017	2018	2019 Goal
The number of interdisciplinary graduate programs brought by the country's priorities and developing technology	1	1	5
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Development of postgraduate education infrastructure	15.000,00₺	0	15.000,00₺
<b>OVERALL</b>	<b>15.000,00₺</b>	<b>0</b>	<b>15.000,00₺</b>

#### 1.2. Encouraging interdisciplinary projects and publications

Yıldız Technical University will continue to encourage faculty members to work on interdisciplinary projects and publications in order to encourage interdisciplinary studies.

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Number of interdisciplinary patents of faculty members	2	1	2
Number of Interdisciplinary SCI, SSCI, AHCI, SCI-Exp. Indexed publications by the faculty members	806	809	890
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Encouraging faculty members to conduct interdisciplinary projects and publications	10.000,00₺	0	10.000,00₺
<b>OVERALL</b>	<b>10.000,00₺</b>	<b>0</b>	<b>10.000,00₺</b>



## 2. DEVELOPING PRIORITY RESEARCH AREAS

### 2.1. Development of transportation technology areas

Yıldız Technical University will support the development of smart transportation technology in line with the objective of developing priority research areas.

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Number of activities organized in the field of smart transportation	1	1	1
Number of projects for smart transportation technologies	0	11	12
Number of students in the smart transportation postgraduate program	0	17	20
Number of postgraduate theses completed in the field of smart transportation	3	7	9
Completion rate of smart transportation services in the campus (%)	0	0	0
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Providing financial support to smart transportation technology	5.000,00₺	0	5.000,00₺
<b>OVERALL</b>	<b>5.000,00₺</b>	<b>0</b>	<b>5.000,00₺</b>

### 2.2. Development of Genetics and Biotechnology

Yıldız Technical University supports the development of genetics and biotechnology in line with the objective of developing priority research areas.

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Number of projects and publications related to the development of Genetics and Biotechnology	12	8	15
Number of joint activities made with other institutions to develop the field of Genetics and Biotechnology	2	4	4
The number of postgraduate theses on developing Genetics and Biotechnology	5	7	8
The number of projects supported within the scope of Turkey Institute of Health Sciences Department (TUSEB) genome diversity	1	1	1
Number of graduate students and PhD researchers employed in the DNA sequencing laboratory	2	2	3
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Financial support for Genetics and Biotechnology	5.000,00₺	0	5.000,00₺
<b>OVERALL</b>	<b>5.000,00₺</b>	<b>0</b>	<b>5.000,00₺</b>



### 2.3. Development of renewable and conventional energy technologies

In line with the objective of improving priority research areas, Yıldız Technical University will support the development of renewable and conventional energy technologies.

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Number of developed products	4	4	5
The number of developed method and technology	8	8	9
The number of referenced / accepted projects	9	20	30
The number of graduate thesis in the field of renewable and conventional energy technologies	6	3	5
The number of publications in the field of renewable and conventional energy technologies	23	13	14
The number of patents in the field of renewable and conventional energy technologies	0	1	1
Renewable energy percentage used in the campus (%)	5	5	6
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Providing financial support for renewable and conventional energy technologies	5.000,00₺	0	5.000,00₺
<b>OVERALL</b>	<b>5.000,00₺</b>	<b>0</b>	<b>5.000,00₺</b>

### 2.4. Development of Advanced Materials Technologies

In line with the objective of improving priority research areas, Yıldız Technical University will support advanced materials technologies.



PERFORMANCE INDICATORS	2017	2018	2019 Goal
Advanced materials R & D center completion percentage	2	2	2
The number of projects in the field of advanced materials technology	22	37	45
The number of publications in advanced materials technology	19	32	34
The number of cooperations with institutions and organizations operating in the field of advanced material technologies	11	16	18
The number of graduate students in the field of advanced materials technology	194	318	325
The number of graduate theses completed in the field of advanced materials technology	32	29	32
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Providing financial support for the field Advanced Materials Technology	5.000,00₺	0	5.000,00₺
<b>OVERALL</b>	<b>5.000,00₺</b>	<b>0</b>	<b>5.000,00₺</b>

## SUPPORTING THE DEVELOPMENT OF ACADEMICIANS

Yıldız Technical University attaches increasingly more importance to the development of academicians in line with the objective of developing priority research areas. University management has developed a number of incentive mechanisms to secure YTU's rank in the Turkish Research Universities and to increase the quality and quantity of researcher potential. Academic Award Ceremonies are held regularly every year, and awards are given to academicians who have achieved outstanding success by publishing in qualified journals. In addition, academicians are encouraged to take part in supported national and international projects.

Yıldız Technical University continues to support the patent applications of academicians in line with its goal of implementing the Research-Innovation-Commercialization (AIT) concept.

### DISTRIBUTION OF ACADEMIC STAFF BASED ON POSITION AND GENDER

	AFFILIATION/ GENDER	Female		Male		TOTAL
		Number	%	Number	%	
Female  <b>48%</b>	Professor	105	13%	174	20%	<b>279</b>
	Assoc. Prof.	157	20%	190	22%	<b>347</b>
	PhD, Faculty Member	124	16%	145	17%	<b>269</b>
	Lecturer PhD	39	5%	30	4%	<b>69</b>
Male  <b>52%</b>	Lecturer	161	20%	90	11%	<b>251</b>
	Res. Asst. PhD	62	8%	57	7%	<b>119</b>
	Res. Asst.	141	18%	171	20%	<b>312</b>
	<b>TOTAL</b>	<b>787</b>	<b>100%</b>	<b>857</b>	<b>100%</b>	<b>1646</b>

### PERFORMANCE GOALS

#### 1. INCREASING THE QUALITY AND QUANTITY OF THE RESEARCHER POTENTIAL

##### 1.1. To increase national and international studies of scientists

To increase national and international studies of scientists, Yıldız Technical University will continue to support efforts in line with the objective of increasing the quality and quantity of researcher potential.

PERFORMANCE INDICATORS	2017	2018	2019 Goal
The average annual number of articles per instructor in indexed journals of SCI, SSCI, AHCI, SCIExp.	0,92	0,93	1
The average number of articles per instructor with international cooperation in the indexed journals of SCI, SSCI, AHCI, SCIExp.	0,29	0,27	0,30
The number of award-winning faculty members from TÜBA, TÜBİTAK and other institutions	3	3	4
The amount of financial incentives given to the instructors for the publications included in the SCI, SSCI, AHCI, SCIExp. index	336.000,00₺	336.000,00₺	352.800,00₺
The amount of additional financial incentives given to post-graduate thesis-derived publications appearing in the SCI, SSCI, AHCI, SCIExp. index	21.000,00₺	21.000,00₺	22.050,00₺
The number of national and international symposia / conferences held	27	81	85
The number of scientific meetings held apart from national and international symposia / conferences	170	678	700
The number of research papers of the academicians in other indexed journals	517	661	1.115
The number of national and international books of academicians	61	68	125
The number of national and international book chapters of the academicians	163	159	180
The number of national and international proceedings of the academicians	1.464	1.420	1.500
The number of academicians' citations within the scope of Web of Science (WoS)	16.136	16.971	17.500
The number of academicians' citations in other indexes	5.391	3.932	4.050
The number of academicians' national and international scientific awards	77	145	149
The number of academicians assigned to conduct research abroad	110	176	181
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Giving financial incentives to academicians' publications indexed in SCI, SSCI, AHCI, SCIExp.	1.895.000,00₺	0	1.895.000,00₺
Assigning academicians to conduct research abroad	734.000,00₺	0	734.000,00₺
<b>OVERALL</b>	<b>2.629.000,00₺</b>	<b>0</b>	<b>2.629.000,00₺</b>

## 1.2. Increasing the number of projects

Yıldız Technical University will continue to provide financial support to the academic staff whose projects are accepted in line with the aim of increasing the quality and quantity of the researcher potential.

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Average annual number of international externally funded projects completed per instructor	0,00450	0,00	0,0100
Average annual number of national externally funded projects per instructor	0,02270	0,06000	0,0670
The number of ongoing international externally funded projects per instructor	0,01590	0,06000	0,0800
The number of ongoing national externally funded projects per instructor	0,16380	0,16000	0,1800
The average annual number of international collaborative projects completed per instructor	0,00946	0,01000	0,0100
The average annual number of national collaborative projects completed per instructor	0,06300	0,01000	0,0200
The number of ongoing national collaborative projects per instructor	0,03940	0,05000	0,0600
The number of ongoing international collaborative projects per instructor	0,00695	0,01000	0,0100
The average number of completed annual contracted projects per instructor	0,18700	0,10000	0,2000
The number of ongoing contracted projects per instructor	0,02550	0,05000	0,0600
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Providing financial support for faculty members whose projects are accepted	374.000,00₺	300.000,00₺	674.000,00₺
<b>OVERALL</b>	<b>374.000,00₺</b>	<b>300.000,00₺</b>	<b>674.000,00₺</b>

## IMPROVING COLLABORATIONS BETWEEN THE BUSINESS WORLD AND UNIVERSITY

Yıldız Technical University continues to be a pioneer in Turkey in terms of developing university-industry cooperation, developing innovation and entrepreneurial ability and enhancing entrepreneurial culture that will bring innovation to the forefront. In Yıldız Technical University, we tend to work on increasing the level of utilization of internal and external R & D resources, carrying out innovation and product-oriented R & D studies, reaching not only quantitatively but also qualitatively high efficiency in scientific production, ensuring that scientific production is transformed into university-industry cooperation. As a result of these, in order to increase its recognition in national and international scientific, social and industrial platforms, efforts are being made to strengthen the research infrastructure. Y.TU is ranked among the leading universities in Turkey with regard to university-industry cooperation and R & D potential with 10 Faculties, 2 Institutes, 3 Vocational Schools, 73 undergraduate and 172 graduate programs, 24 Research Centers, Technopark, Technology Transfer Office, Central Laboratory and up to 1800 faculty covering social, science and art fields.

## PERFORMANCE GOALS

### 1. TO IMPLEMENT RESEARCH & INNOVATION-COMMERCIALIZATION (RIC) CONCEPT

#### 1.1. Developing university and industry cooperation

Yıldız Technical University, Research-Innovation-Commercialization will continue to encourage and support national and international projects carried out in cooperation with the industry in line with the objective of implementing the RIC concept.

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Number of established companies in Technopark	69	92	95
Number of consultancy services given to Technopark companies	282	400	535
Proportion of postgraduate training among the employees Technopark	8	16	17
Opening of an interdisciplinary graduate program for defense technologies in Technopark İstanbul.	1	1	0
Graduation project in collaboration with industry	25	29	47
Number of master and PhD thesis in collaboration with industry	14	32	40
Number of national and international projects in collaboration with industry	50	2	1
Number of university industry cooperation meetings realized by student clubs	80	117	120
Number of services delivered from laboratories with accreditation (TS 17025)	300	300	305
Number of services from other laboratories	12	12	22
Number of operating companies owned or partnershiped by university students or the graduates in the last three years in technoparks and incubation centers	60	47	48
Number of people employed in companies owned by academics in technoparks or incubation centers	110	778	801
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Promoting and implementing national and international projects in cooperation with industry	0	374.000,00₺	374.000,00₺
<b>OVERALL</b>	<b>0</b>	<b>374.000,00₺</b>	<b>374.000,00₺</b>

## 1.2. Improving innovation and entrepreneurship capability

Yıldız Technical University will continue to support patent applications in line with its goal of implementing the Research-Innovation-Commercialization (RIC) concept.

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Average number of annual national patent documents per instructor	0	0,01	0,01
Average number of annual international patent documents per instructor	0	0	0
Average number of annual utility models and industrial designs per instructor	0	0,02	0,03
Number of incubators operating in Technopark	125	123	126
Number of companies established by academicians in Technopark	55	47	48
Number of academicians consulting on R&D projects	80	68	70
Number of patents consultancy	100	30	131
Intellectual and industrial property rights of academicians (utility models, industrial designs, geographical indications, trademarks and others)	85	18	19
Number of instructors with national patent	30	4	5
Number of faculty members who have applied for national patent	65	26	27
Number of national patents received by the academicians	11	2	3
Number of international patent applications	35	9	10
Number of academicians receiving international patents	1	1	2
Number of international patents received by academicians	1	1	2
Number of projects received from R & D and Innovation Support programs	9	23	24
Number of entrepreneurship, technology management and innovation management training / certificate programs organized by the university	0	74	80
Number full-time employees working in Technology Transfer Office, Technopark and Incubation Centers	56	55	56
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Supporting patent applications	0	76.000,00₺	76.000,00₺
<b>OVERALL</b>	<b>0</b>	<b>76.000,00₺</b>	<b>76.000,00₺</b>



## 1.3. Increasing entrepreneurial culture that will bring innovation to the forefront

Yıldız Technical University will continue to organize and encourage participation in activities that raise awareness of innovation in 2019.

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Entrepreneur and Innovative University Index ranking	7	6	5
Number of firms established with TUBITAK Funds 1512	8	11	5
Number of projects participating TUBITAK Funds 1512	580	496	251
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Organize / participate in activities to raise awareness for innovation	0	9.914.000,00₺	9.914.000,00₺
<b>OVERALL</b>	<b>0</b>	<b>9.914.000,00₺</b>	<b>9.914.000,00₺</b>



## FOCUS AREA 2: QUALIFIED EDUCATION AND TRAINING

Yıldız Technical University believes that qualified research and development is one of the most basic and powerful tools for sustainable development, by providing opportunities for faculty members to participate in qualified research projects, and contributes to the training of qualified researchers in line with the principle of excellence in education and training

### **MATERIAL ISSUES OF YILDIZ TECHNICAL UNIVERSITY IN THE SCOPE OF THIS FOCUS AREA:**

1. Excellence in education and training
2. Increasing employment rate of graduates
3. Increasing student demand and quality

### **EXCELLENCE IN EDUCATION AND TRAINING**

In line with the Excellence in Education approach adopted by Yıldız Technical University,

— Using instructional strategies, methods and techniques that enable the student to receive and use information;

— Expanding cultural, artistic, health and sports activities,

— Taking advantage of all the opportunities of educational technologies,

— Providing suitable accommodation, working and resting places for students,

— Encouraging the opening of new programs in line with the science and technology policies of the age,

— Maximizing the opportunities of cooperation with universities in Turkey and abroad.

## PERFORMANCE GOALS

### 1. IMPROVING COURSE PROGRAMS ACCORDING TO ASSESSMENT RESULTS

#### 1.1. Updating and developing the course contents according to the measurement and evaluation results

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Number of updated and developed undergraduate courses	1.261	1.229	1.489
Number of updated and developed postgraduate courses	28	36	36
Number of accredited education programs	16	14	17
Number of courses at undergraduate and graduate levels on entrepreneurship, technology management and innovation management	74	72	71
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
To open and ensure the accreditation of undergraduate programs to meet the current needs	3.000,00₺	0	3.000,00₺
<b>OVERALL</b>	<b>3.000,00₺</b>	<b>0</b>	<b>3.000,00₺</b>

#### 1.2. Disseminating the use of the suggested software and ensuring its sustainability

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Number of software available to students and academicians	24	24	27
Number of students and academicians using the software	43.200	85.647	90.000
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
To increase the number of software licence and encourage to update them.	500.000,00₺	0	500.000,00₺
<b>OVERALL</b>	<b>500.000,00₺</b>	<b>0</b>	<b>500.000,00₺</b>

## 2. DEVELOPING PHYSICAL AND TECHNOLOGICAL INFRASTRUCTURE FOR EDUCATION, TEACHING AND RESEARCH

### 2.1. Improving library services

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Annual increase rate in the number of printed publications in the library (%)	2	5	5
Increase rate in subscribed national and international journals (%)	2	2	2
Number of subscribed databases number of students	58	56	59
Satisfaction rate with library services (%)	75	68	70
Number of library users	33.300	115.285	116.000
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Improving library activities	2.012.000,00₺	0	2.012.000,00₺
<b>OVERALL</b>	<b>2.012.000,00₺</b>	<b>0</b>	<b>2.012.000,00₺</b>



## 2.2. Arranging the needed new physical venues and making them available at the appropriate standard

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Upgrading ratio based on the results of Job Security Analysis (%)	50	65	50
Satisfaction rate of the arrangements made for disabled people (%)	0	0	75
Davutpaşa administration building construction completion rate (%)	0	0	10
Completion rate of the restoration of guest houses in Davutpasa campus (%)	30	55	100
Number of accredited laboratories	5	2	3
Laboratory space per student (m <sup>2</sup> )	13	13	16
Instructor per research laboratory area (m <sup>2</sup> )	252	267	282
Chemical waste depot completion rate (%)	0	0	20
Completion rate of Davutpasa campus primary and secondary school construction (%)	0	0	50
IT building completion rate (%)	0	95	100
Medico Social building completion rate (%)	0	95	100
Completion rate of campus gates (%)	0	100	0
Completion rate of planned landscape project (%)	0	55	100

ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Taking necessary actions to make physical venues suitable for the Job Security and Health	6.660.000,00₺	0	6.660.000,00₺
Renovation of the physical venues to meet the need of disabled people	2.080.000,00₺	0	2.080.000,00₺
Construction of the administration facility in Davutpaşa campus	3.500.000,00₺	0	3.500.000,00₺
Maintanance and restoration of the historical buildings in the campus	20.000,00₺	0	20.000,00₺
Center chemical waste depot set up	25.000,00₺	0	25.000,00₺
Improving the quality and quantity of laboratories	2.500.000,00₺	0	2.500.000,00₺
Construction of the campus gates	2.500.000,00₺	0	2.500.000,00₺
Completion of Davutpasa Campus landscaping project	700.000,00₺	0	700.000,00₺
<b>OVERALL</b>	<b>17.985.000,00₺</b>	<b>0</b>	<b>17.985.000,00₺</b>

## 2.3. Improvement and development of information Tech infrastructure

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Completion rate of IT infrastructure	0	90	100
Internet speed satisfaction rate (%)	75	71	75
E-mail service satisfaction rate (%)	75	73	75
Overall satisfaction rate of IT (%)	75	71	75
IT Technical Support Satisfaction Ratio (%)	75	74	75
Web Page Satisfaction Ratio (%)	75	80	85
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
The necessary investments to make IT services secure and accessible	5.000,00₺	0	5.000,00₺
<b>OVERALL</b>	<b>5.000,00₺</b>	<b>0</b>	<b>5.000,00₺</b>

## 2.4. Improving the infrastructure and activity area of the Science and Technology Application and Research Center

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Number of devices	40	55	62
Increase rate of analysis diversity (%)	40	55	60
The number of services given outside University	8.537	8.537	9.818
The number of services provided within the authority of University	12.806	2.430	5.000
The number of parameters accredited	0	0	1
Laboratory services satisfaction rate (%)	95	95	96
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Improving both the quality and the quantity of laboratories	681.000,00₺	0	681.000,00₺
<b>OVERALL</b>	<b>681.000,00₺</b>	<b>0</b>	<b>681.000,00₺</b>

## INCREASING THE GRADUATE RECRUITMENT

Yıldız Technical University has been providing well-equipped graduates who have mastered in different branches since 1911. In addition to improving the opportunities provided to the existing students, YTU Alumni Coordinatorship develops projects to strengthen the relations of the graduates in the business world and to strengthen their relations with the university.

Yıldız Technical University will continue to be together with all graduates, students and employees to pursue academic excellence.

*“From the moment they become our students, we stand by them and we are always their supporters.”*

### PERFORMANCE GOALS

#### 1. ESTABLISHING STRATEGIC PARTNERSHIPS FOR EDUCATION AND RESEARCH AND PRODUCING SERVICES

##### 1.1. Establishing strategic partnerships with the public, private sector and NGOs

PERFORMANCE INDICATORS	2017	2018	2019 Goal
	Number of seminars and courses given to experts working in public, private sector, non-governmental organizations	184	324
Number of programs and activities organized for personal development and vocational training	117	117	121
Number of students receiving scholarships from public, private sectoral and non-governmental organizations	4.651	4.824	4.830
Number of agreements with companies in YTU Technopark	20	20	25
Number of internships at YTU Technopark	190	486	500
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Assigning experts for seminars and courses	589.000,00₺	0	589.000,00₺
Organize programs for personal development and vocational acquisition in cooperation with YILDIZ-SEM	0	825.000,00₺	825.000,00₺
Enable students to do internships	1.325.000,00₺	0	1.325.000,00₺
<b>OVERALL</b>	<b>1.914.000,00₺</b>	<b>825.000,00₺</b>	<b>2.739.000,00₺</b>



## MEETING STUDENT DEMAND AND QUALITY

Yıldız Technical University always efforts to pursue academic excellence and attract high qualified students with its student oriented approach. Within that framework;

- Employs the innovative education strategies, methods and techniques
- Holds cultural, artistic, health and sports activities
- Benefits from new technologies in education
- Provides suitable accommodation, studying and resting places for students,
- Encourages new course outlines in the light of information and technological issues
- The processes aimed at maximizing cooperation opportunities with universities in Turkey and abroad are monitored and managed by Rector responsible for education.

DISTRIBUTION OF STUDENTS	Number of Students				Total
	Female		Male		
	Number	%	Number	%	
<b>GRADUATE SCHOOLS</b>	<b>4,018</b>	<b>44%</b>	<b>5,146</b>	<b>56%</b>	<b>9,164</b>
Graduate School of Natural and Applied Sciences	2,458	40%	3,696	60%	6,154
Graduate School of Social Sciences	1,560	52%	1,450	48%	3,010
<b>FACULTIES</b>	<b>10,121</b>	<b>39%</b>	<b>15,822</b>	<b>61%</b>	<b>25,943</b>
Faculty of Education	1,614	68%	747	32%	2,361
Faculty of Electrical-Electronics Engineering	452	12%	3,301	88%	3,753
Faculty of Arts and Science	1,982	62%	1,205	38%	3,187
Faculty of Naval Architecture and Marine Engineering	75	7%	982	93%	1,057
Faculty of Economics and Administrative Sciences	1,119	50%	1,123	50%	2,242
Faculty of Civil Engineering	627	22%	2,215	78%	2,842
Faculty of Chemical-Metallurgical Engineering	2,158	54%	1,839	46%	3,997
Faculty of Mechanical Engineering	602	16%	3,138	84%	3,740
Faculty of Architecture	1,043	57%	801	43%	1,844
Faculty of Art and Design	449	49%	471	51%	920
Faculty of Applied Sciences*					
<b>HIGH SCHOOL</b>	<b>317</b>	<b>37%</b>	<b>550</b>	<b>63%</b>	<b>867</b>
Vocational High School	268	34%	519	66%	787
National Palaces and Historical Buildings Vocational High School	49	61%	31	39%	80
School of Foreign Languages **					
<b>OVERALL</b>	<b>14,456</b>		<b>21,518</b>		<b>35,974</b>

\* Faculty of Applied Sciences was established with the Decree of the Council of Ministers dated 25.01.2016 and numbered 2016/8562 published in the Official Gazette dated April 8, 2016 and numbered 29678. No students are accepted yet.  
\*\*Preparatory class students were distributed on a departmental basis.



## STUDENT CLUBS

In a rapidly changing and developing world order, Yıldız Technical University continues its universal education approach by supporting social and cultural activities by taking the requirements of time into consideration.

YTU Health Culture and Sport Directorate, according to students' interests serves various facilities. Sports clubs organize several activities for students to spend their free time, socialize, participate in fine arts activities, rest and have fun together.

### 1002 Poetry and Fairy Tale Club:

Poetry Club makes interviews on literature, book days, and prepares periodical fanzines

### Alternative Energy Systems Club

**(AESK):** Produces alternative electricity sources for TUBITAK competitions or manufactures hydrogen-powered vehicles.

**Astronomy Club:** Observes celestial bodies, organizes camps.

**BEST Club (Board of European Students of Technology):** Club tries to reinforce the communication between native and foreign students and organizes technology oriented competitions for high school students.

### Science Fiction and Fantasy Club

**(BKFK):** YıldızCON organizes events for students who are interested in anime, animation characters and helps students socialize.

**Science and Maths Club:** Students are mainly interested in mathematics by removing fanzines and organizing various activities focused on mathematics.

**Cycling Club:** Bicycle assembly, cycling tours including disabled riders. They organize social activities.

### Biotechnology and Genetics Club

**(BIOGEN):** Organizes panels, seminars and related events.



### Environment Club (YTÜÇEV):

Supports the "Stars are Transforming" project together with other clubs.

### Children and Education Club:

Activities mostly for students of Faculty of Education, prospective teachers organizing social responsibility projects targeting schools and organizing a festival for children on April 23<sup>rd</sup>.

**Mountaineering Club:** Climbing and organizes theoretical trainings on climbing and mountaineering, organizes trips and participates in competitions.

**Digital Game Development and Digital Acting Club:** They help those who are interested in programming, computer games and organize game design trainings.

**Language Workshop Club:** They are engaged in activities such as interviews on literature, translation workshops, and fanzine preparation.

**Education and Information Technologies Club:** Sign language education, computer programming, etc. organizes trainings on similar areas for students.

**Economics Club:** organizes panels and interviews on economics. That club encourages "Stars are transforming" project.

**Electrical Facilities Club:** Developing applications in engineering, organizing competitions and programming, electricity system-oriented trainings.

**FiftySeventy Club:** They organize interviews and panels on architecture and support the career and social development of the related department students.

### Awareness and Ombudsman Club:

in cooperation with public institutions It also organizes activities to raise awareness of students and staff regarding the search for rights.

**Physics Club:** Interviews and workshops on physics activities.

**Photo Club:** Taking pictures in historical areas and nature. They carry out studies in the photo printing workshop and organize trainings.

**Ship and Maritime Club (GEMDEK):** They organize career-oriented activities and activities that bring students together with relevant sector representatives.

**Career and Self-Development for the Youth Club:** Student Guidance and Career Center in cooperation with career development, CV preparation, interview rehearsals, and similar events.

**Travel and Camping Club (GEKA):** Organizes nature camps, brings together the students to socialize and to teach the subtleties of camping.

**Entrepreneurship Club:** Organizes events with startups and guides the students who want to be entrepreneurs.

**Food and Healthy Nutrition Club:** Career opportunities for food engineering students focuses on food and health, organizes seminars on nutrition.

**Animal Rights Club (HAYHAK):** They deal with feeding and taking care of animals at Yıldız and Davutpaşa campuses.



— **IEEE Club:** They bring together students and the business world by organizing a wide range of sectoral, career-oriented activities in the field of engineering for the university and other universities.

— **Management Club:** They organise career-oriented activities, especially "Career Fair" for all university students. Additionally, that club contributes to the connection of the University with the business world, with the "Stars of the Year Award Ceremony".

— **Geoinformatics Club:** GIS seminars, studies, technical trips are organized in the relevant field.

— **Quality and Efficiency Club (KVK):** They support the the studies of the university students in overseas countries, mainly in the field of industrial engineering, entrepreneurship, career development, and under ESTIEM.

— **Kizilay Club:** Kizilay's campus embassy provides support during the blood donation period and raises awareness among students.

— **Chemical Technologies Club (KIMTEK):** Club organizes scientific activities based on chemistry and biology and develops projects.

— **Mechanical Technologies Club (MAKTEK):** Supports and develops mechanical engineering and design students who work on various projects.

— **Materials Science Club:** They organize activities to support the career, professional and technical development of related department students, especially metallurgy-material

engineering, to bring students together with the sector and represent the University in fairs.

— **Material Design Club:** They organize activities with school students, especially those who want to work in the field of design.

— **MINT (Multidisciplinary Innovation Technologies) Club:** Students from different departments work together to develop new projects.

— **Model Aircraft Design and Education Club:** They work together with students in primary and secondary schools and carry out workshops on model aircraft development.

— **Motorcycle Club:** Club helps students who ride motorcycles to socialize and gain a sense of belonging. Additionally, club works to raise awareness about traffic rules and safe driving.

— **Debate Club:** They come together on current and social issues and hold discussions with their members and invite experts from their fields.



— **Music Club:** They organize choirs, concerts and music contests.

— **Archery Club:** They support archery students and participate in national competitions.

— **Plastic Arts Club:** They organize exhibitions by giving education to students interested in visual arts, especially marbling.

— **Project Development and Techniques Club:** They organize competitions and trainings in the fields where construction faculty students can work together.

— **Psychological Counseling Club:** They hold interviews for students in the field of psychology and counseling in the University, especially in the related department.

— **Quidditch Club:** In the "Harry Potter" series of books, they bring together students interested in the game played with the ball and the sticks and organize matches between the relevant club teams at other Universities and participate in the national tournament.

— **Robotics and Automation Club:** They represent our University in national and international competitions and organize programming trainings by developing projects in which various engineering students can work together.

— **Wind Energy Club:** They represent our University in international competitions by working on wind energy vehicles.

— **Chess Club:** They represent our University in tournaments by bringing together students interested in chess.

— **SKYLAB Club:** It is a development oriented activity in interdisciplinary cultural and career fields.

— **SPARK Club:** It organizes projects that will highlight the name of our university in interdisciplinary fields.

— **Cinema Club:** organizes film screenings and organizes short film festivals.

— **Social Responsibility Club:** Develops social responsibility projects and collaborates with other clubs on social responsibility issues.





■ **Sport Clubs:** The other related unions;

- **KICKBOX** (Participating in the national tournament in the related sport branch and organizing free trainings.)
- **KRAV MAGA** (They organize unarmed self-defense trainings.)
- **UNIFEB** (They support the students who support Fenerbahçe team to socialize and take part in social responsibility projects.)
- **ULTRASLAN** (They support the students who support Galatasaray team to socialize and take part in social responsibility projects.)
- **UNIBJK** (They support the students who support Beşiktaş team to socialize and take part in social responsibility projects.)
- **TRABZONSPORLULAR** (They support the students who support Trabzonspor team to socialize and take part in social responsibility projects.)
- **FRIZBI** (They bring together students from related sports field and participate in competitions.)
- **ARTS OF DEFENSE - WUSHU** (They teach Wushu, the art of defense)
- **DANCE** (They organize trainings in ballroom and Latin dances.)
- **ROWING** (They bring together the students who are interested in rowing.)
- **ORIENTEERING** (They organize trainings and participate in dozens of competitions throughout the year, they have received rewards on behalf of the University for many times.)
- **TRACK** (They provide training on Course Sport which is based on overcoming physical obstacles and improves speed, agility and quick thinking skills.)
- **LANGIRT** (They organize and host tournaments, bring together the students who like playing football and socializing.)

■ **Underwater Sports Club:** They bring together the students who are interested in underwater sports and assist in the certification process.

■ **History and Civilization Club:** They organize interviews on history.

■ **Design Club:** Students who are interested in design, including students of architecture department, can visit and improve themselves

■ **Technical Staff Club:** Trainings to support the development of engineering students not only in social but also technical fields they regulate.

■ **Theater Club:** Local and foreign plays are exhibited both on campus and in the theaters of municipalities and represent the University in competitions.

■ **Turkish Music Club:** They organize concerts and trainings on Turkish Folk and Art music.

■ **International Internship Exchange Club (USDK):** Internship abroad in cooperation with IAESTE international organization support and guide our students.

■ **International Students Club:** That club organizes facilities to support the cultural exchange between the foreign and local students.

■ **Foreign Languages and Translation Club:** They conduct translation studies and provide basic level trainings on western languages.

■ **Construction Club:** They support the career development of environmental engineering and architecture students, especially civil engineering, and bring the sector and students together organizes academic and professional conferences and interviews.

■ **Sailing Club:** They bring together students interested in sailing. They represent our university in competitions and make model sailing activities.

■ **Yeşilay Club:** They aim to raise awareness of students in the fight against addictive substances, especially cigarettes. They work on the determination of "Non-Smoking Area" in the campuses.



■ **Yıldız Erasmus Club:** Erasmus program provides support and guidance to students interested in studying abroad.

■ **Intelligence and Mind Games Club:** Together with primary and secondary school students, especially primary school, they work on mental development activities and game development.

■ **Space and Avionic Systems Club:** They represent the University in various competitions by working on rocket project.

Further information:  
<http://www.kultur.yildiz.edu.tr/category.php?id=1>

## STUDENT OFFICES

### Erasmus Exchange Program

Erasmus program is a European Union program to encourage higher education institutions to cooperate with each other. Higher education institutions produce and implement joint projects with each other; It provides unrequited financial support for short term student and staff exchange.

### Farabi Exchange Program

Between Higher Education Institutions The Student and Faculty Exchange Program is a student and faculty exchange program between higher education institutions that provide education at associate, undergraduate, graduate and doctorate levels within the universities and high technology institutes.

### Mevlana Exchange Program

This is the exchange program for students and faculty members within the scope of the protocol between the higher education institutions providing education in Turkey and the higher education institutions abroad.

### International Relations Office

Yıldız Technical University Rectorate Office of International Relations is a unit affiliated to our Rectorate. With the goal of being one of the top 100 universities in the world in 2012 strategic plan of Yıldız Technical University; Academic and Scientific Collaboration are working.

### Foreign Student Coordination Office

That office helps students from abroad with guidance from YÖGS, TCS, YÇS etc., or from TRNC, İKB, Government Scholarship, organizes and manages YTU Foreign Student Entrance Examination (YÖGS) organization, assists in the education and training activities during the school life.



## Student Guidance and Career Center

### EVERY YILDIZ MEMBER HAS A CAREER!

Yıldız Technical University Student Guidance and Career Center (ÖRKAM) aims to teach and assist students in identifying and selecting career opportunities appropriate to their interests and personal skills.

It helps students and alumni to provide the necessary resources to acquire Career Management Skills in order to develop themselves as competitive professionals needed by today's increasingly globalized business world. It provides links to bring students and alumni together with the business community, and in particular seeks to develop programs, internships, part-time and full-time job opportunities. While doing this, it takes into

consideration the development of students as an individual and provides their multi-faceted development by providing support services focused on long-term career management. At this point, the basic approach is based on the principle that career development should be pursued carefully throughout life, including not only the employment process but also the pre- and post-employment process.

ÖRKAM services are provided through coaching and mentoring programs, career counseling and academic career opportunities, one-to-one and group work on labor law, employee rights, training and seminars. For further information: <http://www.orkam.yildiz.edu.tr/>

## PERFORMANCE GOALS

### 1. ENCOURAGE SUCCESSFUL STUDENTS TO PREFER OUR UNIVERSITY

#### 1.1.Improving the university's image and level of recognition

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Number of activities organized for the promotion of YTU	197	667	670
Number of awards from competitions / activities won by faculty members and students	14	24	25
Number of students participating in scientific activities abroad other than student exchange programs	53	84	90
Number of social activities performed by students and student clubs	7	520	530
Student satisfaction rate (%)	85	85	90
Meetings held with secondary education institutions	480	497	498
Number of foreign students	1.700	1.539	1.800
Number of undergraduate students working on academic projects	61	44	45
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Promotional activities through media	57.000,00₺	0	57.000,00₺
Encouraging student clubs to carry out activities	225.000,00₺	0	225.000,00₺
<b>OVERALL</b>	<b>282.000,00₺</b>	<b>0</b>	<b>282.000,00₺</b>

### 1.2. Encouraging university and faculty members to publish indexed journals

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Number of faculty members serving as chief editor, assistant editor and editor in SCI, SSCI, AHCI, SCI-Exp. indexed journals	41	60	65
Number of faculty members serving as chief editor, assistant editor and editor in other indexed journals	88	38	46
Number of YTU journals indexed in other journals	6	7	8
Satisfaction rate of journal automation system	75	-	80
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Supporting academic journal activities	35.000,00₺	0	35.000,00₺
<b>OVERALL</b>	<b>35.000,00₺</b>	<b>0</b>	<b>35.000,00₺</b>

### 1.3. Encouraging the application of qualified students to the graduate programs

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Number of research universities' graduate students enrolling in YTU graduate programs	653	705	710
The number of distance-learning seminars	0	7	7
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Meetings to encourage successful students to become academicians	36.000,00₺	0	36.000,00₺
<b>OVERALL</b>	<b>36.000,00₺</b>	<b>0</b>	<b>36.000,00₺</b>

## 2. INCREASING THE SUCCESS OF OUR STUDENTS AT NATIONAL AND INTERNATIONAL LEVELS

### 2.1. Improving the English proficiency level of the students

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Number of the foreign academicians	20	21	22
The number of academicians who are able to give courses in English	452	300	421
Success rate of English proficiency exams (%)	61	55	61
Number of undergraduate and master theses in English	1.647	1.647	1.665
Number of programs in English	26	61	62
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Employing foreign academicians	2.770.000,00₺	0	2.770.000,00₺
Ensuring the accreditation of FDI	2.000,00₺	0	2.000,00₺
<b>OVERALL</b>	<b>2.772.000,00₺</b>	<b>0</b>	<b>2.772.000,00₺</b>

### 2.2. Increasing the participation in exchange programs

PERFORMANCE INDICATORS	2017	2018	2019 Goal
The number of bilateral agreements	588	708	709
Number of activities for orientation	8	7	8
Number of outgoing students	533	567	570
Number of incoming students	281	527	530
Number of outgoing interns	45	46	47
Number of incoming interns	2	2	3
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Increasing the framework of Exchange Programs in bilateral agreements numbers and also the number of outgoing and incoming students	0	6.180.000,00₺	6.180.000,00₺
<b>OVERALL</b>	<b>0</b>	<b>6.180.000,00₺</b>	<b>6.180.000,00₺</b>



## FOCUS AREA 3: SUSTAINABLE AND RESPONSIBLE MANAGEMENT

---

### MANAGING THE UNIVERSITY WITH CORPORATE GOVERNANCE PRINCIPLES (TRANSPARENCY, RESPONSIBILITY, FAIRNESS AND ACCOUNTABILITY)

Yıldız Technical University defines the management responsibility and accountability in quality assurance system.

Yıldız Technical University publishes all information including education and research and development activities clearly, accurately, up-to-date and easily accessible on the website of the university and informs the public. The processes related to education are shared via the Bologna Information System of the academic units. Research and development activities are shared on the main page of the university and on the web page of Scientific Research Projects.

Announcement of news about our university on the internet and sharing of activities and outputs with the public are carried out by the Communication Coordinatorship. The information obtained from the academic and administrative units is shared with the public after being reviewed by the Communication Coordinator. The communication coordinator guarantees the impartiality and objectivity of the information presented to the public within the framework of the ethical rules of journalism.

## ENVIRONMENTAL AND SOCIAL RESPONSIBILITY AWARENESS IN ALL DECISIONS AND PRACTICES OF THE UNIVERSITY

Conducted in line with its mission of being sensitive to society and the environment, Yildiz Technical University works on projects that increase environmental and social responsibility awareness.

### ZERO WASTE PROJECT

In 2018, "ZERO WASTE" project was initiated within Yildiz Technical University for a greener, cleaner campus.

"Zero Waste"; waste management, more efficient use of resources, waste generation by reviewing the causes of waste generation is prevented or minimized waste, waste collection occurs at the source of separate collection and recovery is provided as a goal defined as the philosophy of waste management.

Disposal of wastes without recycling during recycling and recovery process leads to significant material and energy losses. While the population and living standards in the world are increasing, there is an inevitable increase and that causes the pressure on our natural resources and thus the balance of the world. Limited resources cannot keep up with the increasing needs.

Considering this situation, the importance of efficient use of natural resources becomes more significant. For this reason, in recent years, implementation of zero waste concept has become widespread both in the individual and institutional areas and in the municipality. Advantages of adopting zero waste approach;

- Increasing productivity
- Increasing performance due to clean environment
- Reducing costs since waste is prevented
- Ensuring the reduction of environmental risks,
- Ensuring employees to have a "sensitive consumer" sense since the contribution to development of environmentally protection within the organization
- Ensuring YTU as an environmental friendly university in national and international markets, thus increasing its prestige.



### YILDIZ TRANSFORMS PROJECT

In April 2018, Animal Welfare, Social Responsibility, Economics and launched in collaboration with the Environment Club "Yildiz Transforms" project of waste food is made of plastic and paper collection. Waste dishes that are suitable for the health of the animals are collected and given to the dogs in Davutpaşa Campus, however, the collected plastic bottles and paper waste are taken from the University by the Esenler Municipality waste vehicle every day for recycling.

*In 2018, a team of 105 people, consisting of members of Animal Rights, Social Responsibility, Economy and Environment Clubs and volunteer students recycled*

 **5845 kg**  
FOOD

 **1934 kg**  
PLASTIC

 **2183 kg**  
PAPER

Social Responsibility projects are among the output-oriented projects of our University, which are shaped in line with the mission of *Society Developing Community-Sensitive, Human Resource and Practice* in accordance with the mission of Yildiz Technical University. In this context, support is provided for the establishment of computer laboratories in various regions of Anatolia.

## EMPLOYEE SATISFACTION AND SUPPORTING SUSTAINABLE EMPLOYEE DEVELOPMENT



Yıldız Technical University aims to provide a working environment that supports the efficiency and efficiency of the personnel with its objective, transparent and contemporary practices, and supports its employees with a management approach that sees people at the center of the structure.

Yıldız Technical University organizes the Personnel Department Satisfaction Survey every year to help improve the personnel system in order to provide better quality services and to produce more accurate solutions to the needs.

### HUMAN RESOURCE INDICATORS

DISTRIBUTION OF EMPLOYEES BY GENDER	Number	%
 Female Employees	1113	47
 Male Employees	1264	53
<b>TOTAL NUMBER OF EMPLOYEES</b>	<b>2377</b>	<b>100</b>

### DISTRIBUTION ACCORDING TO AGE AND GENDER

GENDER / AGE	18 - 30	31 - 50	50 +	OVERALL
 Female	116	792	205	<b>1113</b>
 Male	137	792	335	<b>1264</b>
<b>TOTAL (NUMBER OF EMPLOYEES)</b>	<b>253</b>	<b>1584</b>	<b>540</b>	<b>2377</b>
<b>TOTAL (%)</b>	<b>11</b>	<b>67</b>	<b>23</b>	<b>100</b>

### EDUCATIONAL STATUS

EDUCATION STATUS / GENDER	Female	Male	TOTAL
PhD	486	593	<b>1079</b>
Master	217	188	<b>405</b>
Undergraduate	314	248	<b>562</b>
Vocational School	48	64	<b>112</b>
High school	31	112	<b>143</b>
Primary / Secondary Schools	17	59	<b>76</b>
<b>OVERALL</b>	<b>1113</b>	<b>1264</b>	<b>2377</b>



### DISTRIBUTION OF EMPLOYEES ACCORDING TO POSITION AND GENDER

POSITION-AFFILIATION / GENDER	Female		Male		TOTAL
	Number	%	Number	%	
Professor	105	9	174	14	<b>279</b>
Assoc. Prof.	157	14	190	15	<b>347</b>
PhD, Faculty Member	124	11	145	11	<b>269</b>
Lecturer, PhD	39	4	30	2	<b>69</b>
Lecturer	161	14	90	7	<b>251</b>
Asst. PhD	62	6	57	5	<b>119</b>
Res. Asst.	141	13	171	14	<b>312</b>
Administrative Staff	324	29	407	32	<b>731</b>
<b>TOTAL</b>	<b>1113</b>	<b>100</b>	<b>1264</b>	<b>100</b>	<b>2377</b>

### DISTRIBUTION OF RECRUITMENT AND RESIGNING PEOPLE

AGE	18 - 30	31 - 50	50 +	TOTAL
Recruitment	64	40	1	<b>105</b>
Leaving	19	102	45	<b>166</b>

### DISTRIBUTION OF RECRUITMENT AND RESIGNING PEOPLE BY GENDER

GENDER	Female	Male	TOTAL
Recruitment	54	51	<b>105</b>
Leaving	108	58	<b>166</b>

### DISTRIBUTION OF LABOR FORCE ACCORDING TO EMPLOYMENT TYPE

Working Type	Female	Male	TOTAL	OVERALL	
Employment Status	Full Time	1113	1264	2377	<b>2713</b>
	Part Time	156	180	336	
Working Agreement	Permanent	10	17	27	<b>27</b>
	Temporary	0	0	0	



**THE NUMBER OF EMPLOYEES WHO HAD MATERNITY / CO-MATERNITY LEAVE IN 2018**

The number of female employees on maternity leave	27
The number of male employees on paternity leave	1

**THE RATE OF THOSE WHO RETURN AND CONTINUE TO WORK AFTER MATERNITY LEAVE**

The number of female employees who go on leave in the period of reporting and return to work at the end of leave	24
The number of female employees who go on leave in the previous period of reporting and return to work at the end of leave	11
The number of employees who still take maternity leave	25
The number of employees who return to work after maternity leave and quit their jobs within 12 months right after their return	1
The number of employees who get promotion after maternity leave	0

**SUSTAINABLE EMPLOYEE DEVELOPMENT & TRAININGS**

To ensure that the personnel at Yıldız Technical University are trained in accordance with the conditions of the day, to gain attitudes with the knowledge, skills and behaviors required by the task, to increase the efficiency and to prepare them for further tasks, principles of planning and evaluation methods and other procedures. In-service training is provided on a regular basis

In-service training;

- a) Within the period of the official service; monitoring the developments of some issues about improvements in skill and productivity and with the adjustment training, the preparation training for titles and for senior official and class changes in the form of the Regulation of Higher Education Institutions and Higher Education Institutions Personnel and promotion in Universities
- b) Within the period of candidate; Basic Training, Preparatory Training and Internship, Training of Candidate Officers are provided in the form regulation.

In 2018, the Department of Personnel provided in-service training to a total of 258 personnel.

NAME OF IN-SERVICE TRAINING	Number of Participants	Satisfaction Level (%)
Candidate Staff Basic Training	27	79
Candidate Staff Preparatory Training	27	79
Movable Registration and Management System Training	28	92
EBYS Education	61	79
Effective Use of Computer Training	17	77
Values Education	32	89
Real People Education	37	82
Leadership	26	92,25
<b>OVERALL</b>	<b>258</b>	<b>87,75 (Average%)</b>

University Senate' s historical decision (2015/02 09.07.2015 decision) established the Occupational Health and Safety Coordinatorship. It is an administrative unit which is responsible for the implementation of Occupational Health and Safety (OHS) services at Yıldız Technical University and has provided various trainings to 1922 participants by the OHS Coordination Office in 2018.

NAME OF IN-SERVICE TRAINING	Number of Participants	Duration (Hour)
Basic OHS Training – Lodging Building Staff	8	8
Safe Life Training with Tiny Steps	20	3
PPE Training	25	8
Safe Life Training with Tiny Steps	50	3
Working at Height Training	20	8
Working at Height Training	16	8
Working at Height Training	20	8
17 <sup>th</sup> Occupational Health and Safety Days	450	8
Chemistry - Metallurgical Students Basic OHS Training	87	4
First Aid Training	20	16
First Aid Training	19	16
Pre-Internship Training for Bioengineering Students	116	4
Warehouse Pergamon	24	4
Laboratory Safety Training	206	4
Safe Life Training with Tiny Steps	45	4
Introduction to Chemical Engineering Basic OHS Training	200	4
OHS Training for Clubs	29	8
OHS Training for Clubs	54	8
Introduction to Civil Engineering Basic OHS Training	234	4
Introduction to Environmental Engineering Basic OHS Training	103	4
Introduction to Survey Engineering Basic OHS Training	131	4
Hygiene Training	14	8
Security Basic OHS Training	12	8
Security Basic OHS Training	19	8
<b>OVERALL</b>	<b>1922</b>	<b>162</b>



**FOCUS AREA 3: SUSTAINABLE AND RESPONSIBLE MANAGEMENT  
PERFORMANCE INDICATORS AND OBJECTIVES**

**MATERIAL ISSUES**

1. Management of the University within the framework of Corporate Governance Principles
2. Awareness of environmental and social responsibility in all decisions and practices of the University
3. Supporting employee satisfaction and continuous development of employees

**1. DEVELOPING MANAGEMENT APPLICATIONS AND SYSTEMS**

**1.1. Improving employee satisfaction and their qualifications in management systems**

PERFORMANCE INDICATORS	2017	2018	2019 Goal
	Academic staff satisfaction rate (%)	75	62
Implementation rate of the training plan (%)	100	100	100
Number of trainings organized for the training of trainers	0	14	15
Number of academic staff participating in training of trainers	0	8	10
Satisfaction rate of training programs of trainers (%)	0	95	98
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Organizing trainings for academic staff	5.000,00₺	0	5.000,00₺
<b>OVERALL</b>	<b>5.000,00₺</b>	<b>0</b>	<b>5.000,00₺</b>

**1.2. Improving administrative staff satisfaction and their qualifications in management system**

PERFORMANCE INDICATORS	2017	2018	2019 Goal
	Satisfaction rate of administrative staff (%)	75	64
Rate of implementation of in-service training plan (%)	100	67	100
Satisfaction rate of in-service training (%)	88	77	100
Activity ratio of in-service training (%)	85	66	85
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Organizing trainings for administrative staff	5.000,00₺	0	5.000,00₺
<b>OVERALL</b>	<b>5.000,00₺</b>	<b>0</b>	<b>5.000,00₺</b>

### 1.3. Institutionalization of the management system

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Sustainability of ISO 9001 Quality Management System (QMS) certificate related to management	1	1	1
Number of nonconformity of QMS internal audit	142	54	53
Number of nonconformity of QMS external audit	3	4	3
Number of nonconformities cleared by QMS	162	109	174
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Institutionalizing management systems and extending it	143.000,00₺	0	143.000,00₺
<b>OVERALL</b>	<b>143.000,00₺</b>	<b>0</b>	<b>143.000,00₺</b>

### 1.4. Improving the performance of student clubs

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Satisfaction rate of student clubs (%)	76	75	77
Number of activities organized by student clubs	550	703	720
Amount of internal and external support given to student clubs (₺)	350.000,00	574.716,00	600.000,00
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Providing infrastructure for student clubs	1.510.000,00₺	0	1.510.000,00₺
Monitoring the performance of students clubs and encouraging students to organize activities	0	157.000,00₺	157.000,00₺
<b>OVERALL</b>	<b>1.510.000,00₺</b>	<b>157.000,00₺</b>	<b>1.667.000,00₺</b>

### 1.5. Updating disaster and emergency management system (fire, earthquake, flood, etc.)

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Building evacuation time (Minutes)	5	3	3
Performance ratio (%) of disaster and emergency drill	75	72	75
Number of trainings organized for disaster and emergency management	5	5	6
Number of personnel who have received disaster and emergency training	500	532	550
Number of units who have participated in disaster and emergency exercises	5	5	6
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Increasing the effectiveness of civil defense activities	6.000,00₺	0	6.000,00₺
<b>OVERALL</b>	<b>6.000,00₺</b>	<b>0</b>	<b>6.000,00₺</b>



## 2. COLLECTION OF INSTITUTIONAL DATA AND IMPROVEMENT OF ANALYSIS PROCESSES

### 2.1. Improving Library Services

PERFORMANCE INDICATORS	2017	2018	2019 Goal
Number of dataset transferred to Statistics Research and Application Center	0	3	5
Number of reports presented to relevant departments by Statistics Practice and Research	0	3	5
Completion rate (%) of rate satisfaction of the relevants units for Statistics Research and Application Center	0	0	75
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Establishing Statistics Research and Application Center Unit and ensuring its effectiveness	50.000,00₺	0	50.000,00₺
<b>OVERALL</b>	<b>50.000,00₺</b>	<b>0</b>	<b>50.000,00₺</b>





**United Nations  
Global Compact**



@globalcompa

YTU is the Turkey's first public university that signed United Nations Global Compact.

## FOCUS AREA 4: SUSTAINABLE DEVELOPMENT

Sustainability practices of the private sector and universities increase the importance of efforts towards a sustainable world. With the decisions of COP21 on Sustainable Development Goals and Climate Change Conference, universities play an important role. Yıldız Technical University, the world's largest voluntary corporate responsibility initiative with the United Nations Global Compact (UN Global Compact) became the first signatory in Turkey as a public university.

As part of the world's most inclusive sustainability platform, our university has prioritized achieving sustainable development goals for a sustainable environment, economy and social life.

### MATERIAL ISSUES OF YILDIZ TECHNICAL UNIVERSITY IN THE SCOPE OF THIS FOCUS AREA:

1. Equal opportunity and diversity (gender, disability, race, etc.)
2. Contributing to the environment and society
3. Collaboration with public and non-governmental organizations and producing joint projects
4. Ensuring high-quality and sustainable communication with stakeholders
5. Improving cooperation with Alumni



Yıldız Technical University Center for Finance Governance and Sustainability (CFGS) is the first public research center that signed the United Nations Global Compact Principles in 2016.



\*To reach the CFGS integrated report, please read the QR code.

**IDENTIFYING FUNDAMENTAL PROBLEMS OF SOCIETY AND CREATING SOLUTIONS FOR THESE SOCIAL PROBLEMS**

**1.1. Identifying fundamental problems of the society**

<b>PERFORMANCE INDICATORS</b>	2017	2018	2019 Goal
Number of collaborations with institutions, foundations and with NGOs	3	3	5
<b>ACTIVITIES</b>	Resource Requirement		
	Budget	Extra-Budget	Total
Supporting social work which identify fundamental problems of the society	10.000,00₺	0	10.000,00₺
<b>OVERALL</b>	<b>10.000,00₺</b>	<b>0</b>	<b>10.000,00₺</b>

**1.2. Creating solutions for social problems**

<b>PERFORMANCE INDICATORS</b>	2017	2018	2019 Goal
Number of public organizations within the scope of social responsibility	11	19	22
Number of public information about social problems through printed and visual media	11	11	12
Number of supported studies for social problems	3	3	6
Number of studies on social problems by UYGAR centers	1	4	5
<b>ACTIVITIES</b>	Resource Requirement		
	Budget	Extra-Budget	Total
Realization of publicly available information and cultural activities	10.000,00₺	0	10.000,00₺
Supporting solution projects for social problems	10.000,00₺	0	10.000,00₺
<b>OVERALL</b>	<b>20.000,00₺</b>	<b>0</b>	<b>20.000,00₺</b>

**INCREASING THE EFFECTIVENESS OF THE ART AND DESIGN PARK (SATPARK) AND SOCIAL INNOVATION COORDINATORSHIP**

**2.1. Improvement of working for the country's Social Innovation Coordination and the region's priority needs**

<b>PERFORMANCE INDICATORS</b>	2017	2018	2019 Goal
Number of events organized by the Social Innovation Coordinatorship	3	0	6
Number of projects carried out by the Social Innovation Coordinatorship	0	0	2
Number of projects applied by the Social Innovation Coordinatorship	2	0	2
Number of project proposals submitted to the Social Innovation Coordinatorship	3	0	10
<b>ACTIVITIES</b>	Resource Requirement		
	Budget	Extra-Budget	Total
Increasing activities of Social Innovation Coordinatorship	15.000,00₺	0	15.000,00₺
<b>OVERALL</b>	<b>15.000,00₺</b>	<b>0</b>	<b>15.000,00₺</b>

**Planning and execution of national and international artistic activities carried out within the SATPARK**

<b>PERFORMANCE INDICATORS</b>	2017	2018	2019 Goal
Number of national and international artistic events held by SATPARK	0	0	1
Number of artistic events open to the public held by SATPARK	0	0	1
Number of artistic events encouraged and supported by SATPARK	0	0	2
Number of designs realized in line with the needs of the university	0	0	2
Number of project proposals submitted to SATPARK from internal and external stakeholders	0	0	1
<b>ACTIVITIES</b>	Resource Requirement		
	Budget	Extra-Budget	Total
Increasing activities of SATPARK	10.000,00₺	0	10.000,00₺
<b>OVERALL</b>	<b>10.000,00₺</b>	<b>0</b>	<b>10.000,00₺</b>

**PROVIDING THE CONTINUITY OF OUR STAKEHOLDERS' PARTICIPATION AND CONTRIBUTION TO THE UNIVERSITY ACTIVITIES**

**Improving and enhancing cooperation with our stakeholders through social and cultural activities**

PERFORMANCE INDICATORS	2017	2018	2019 Goal
	Number of scientific, social and cultural activities organized with stakeholders	5.976	1.578
Activity satisfaction rate (%)	80	80	80
Number of social responsibility projects	26	42	79
Number of trainings organized with our stakeholders	64	236	255
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Social and cultural activities with our stakeholders	10.000,00₺	0	10.000,00₺
<b>OVERALL</b>	<b>10.000,00₺</b>	<b>0</b>	<b>10.000,00₺</b>

**3.2. Inclusion of our graduates in university activities**

PERFORMANCE INDICATORS	2017	2018	2019 Goal
	Establishing a graduate advisory board	1	1
Establishing a graduate unit within the Dean of Students	0	0	1
Number of graduates enrolled in the alumni system	25.000	7.000	8.000
Number of activities with our graduates	8	5	6
ACTIVITIES	Resource Requirement		
	Budget	Extra-Budget	Total
Activities to communicate with the alumni	5.000,00₺	0	5.000,00₺
<b>OVERALL</b>	<b>5.000,00₺</b>	<b>0</b>	<b>5.000,00₺</b>



Our university was established in accordance with the Higher Education Law No. 2547, Higher Education Institutions Law No. 2809 and Higher Education Institutions No. 124, It is organized in accordance with the Decree Law No. 5018 on Administrative Organizations of Higher Education Institutions. In accordance with the Public Financial Management and Control Law No. 5018 and its secondary legislation, the Strategic Management Model is implemented in our University.

# GOVERNANCE STRUCTURE

## ORGANIZATION CHART

SENATE ..... RECTOR ..... BOARD OF DIRECTORS

Vice Rector  
(Academic)

Vice Rector  
(Research-Planning)

Head of Internal Audit  
Unit

Vice Rector  
(Administrative)

### FACULTIES

- Faculty of Electrical and Electronics Engineering
- Faculty of Education
- Faculty of Science-Literature
- Faculty of Naval Architecture and Marine Engineering
- Faculty of Economics and Administrative Sciences
- Faculty of Civil Engineering
- Faculty of Chemical-Metallurgical Engineering
- Faculty of Mechanical Engineering
- Faculty of Architecture
- Faculty of Art and Design
- Faculty of Applied Sciences

### HIGH SCHOOL

- Vocational School
- School of National Palaces and Historical Buildings
- School of Foreign Languages

### GRADUATE SCHOOLS

- Graduate School of Sciences
- Graduate School of Social Sciences

### DEAN OF STUDENTS

### GENERAL SECRETARIAT

#### DEPARTMENTS

- Directorate of IT
- Directorate of Administrative and Financial Affairs
- Directorate of Library and Documentation
- Directorate of Student Affairs
- Directorate of Personnel
- Directorate of Health Culture and Sports
- Directorate of Strategy Development
- Directorate of Construction and Technical Work

#### OTHER UNITS

- Management of Printing and Publishing Center
- Management of Document and Archive Services
- Information Unit
- Services Support Manager
- Office of Revolving Funds Management
- Protection and Security Manager
- Civil Defense Expertise
- Legal Department

#### EDITORIAL MANAGEMENT

### DEPARTMENTS AFFILIATED TO THE RECTORATE

- Department of Atatürk's Principles and History of Revolution
- Physical Education Department
- Informatics Department
- Turkish Language Department

### COORDINATORSHIPS

- Scientific Research Projects Bologna
- Faculty Member Training Program
- Occupational Health Safety
- Communication Coordinatorship
- Central Testing Coordinator
- Alumni Coordinatorship
- Quality Coordinatorship
- Technological Transfer Office
- Information Technologies (IT)
- Science Arts and Cultural Events
- Sports Facilities
- Scholarship Office
- International Relations
  - Erasmus Prg. Unit
  - International Student Office
  - Mevlana Exchange Prg.
  - Farabi Exchange Prg.
  - International Coop. and Joint Programs

### APPLICATION AND RESEARCH CENTERS

- Science and Technology
- Maritime
- Energy
- Center for Finance Governance and Sustainability (CFGS)
- Statistics
- Membrane Materials and Technologies
- Vocational Training
- Sultan II. Abdulhamid
- Tourism Zone Management
- Protection of Historical Heritage
- Vedat Kosal Music
- Natural Sciences
- Social Innovation
- Turkey Social and Economic History Research Center
- International Urban Studies Transportation
- Transportation Research Center
- Balkans Advanced Casting Technology
- Center for Strategic Studies
- Continuing Education
- Settlement and Architecture Science
- Ataturk's Principles and Revolution History
- Industrial Relations
- Balkan and Black Sea Studies
- Istanbul Historical Peninsula
- Turkish and Foreign Language
- Distance Education
- Art and Design

# SUSTAINABILITY MANAGEMENT

---

Turkish government's 10<sup>th</sup> development plan for the related years 2014-2018 comprises not only the high, steady and inclusive growth, but also environmental protection and sustainable use of resources. In several countries, public authorities, universities and non-governmental organizations both work together on global warming and awareness of citizens on those issues. Moreover, universities have been the crucial institutions to set a role model for the society. From that point of view, training conscious and responsible people on sustainability issues and achieving the United Nations Sustainable Development Goals, universities have a great role and responsibility.

Due to that responsibility, Yıldız Technical University has been working to minimize the negative social and economic impacts and has been a pioneer for a sustainable way of life for the society with that sustainability vision.

In line with this sustainability mission, the university strengthens its relations with its stakeholders, creates added value and proactively pursues its activities. Yıldız Technical University attaches great importance to maintaining a sustainable interaction with all stakeholder groups through different communication channels

Yıldız Technical University's sustainability team determines the university's sustainability goals, objectives and policies and ensures that these are incorporated into the daily operation. In the sustainable business model, responsible management brings together material issues and corporate values for sustainable development.

Efforts to adopt sustainability at Yıldız Technical University and all activities within the framework of this understanding are conducted under the leadership of the Rector, the active participation of the Rectorate and Professor Guler Aras, the Founding Director of YTU Center for Finance Governance and Sustainability.





# INTERNAL AUDIT

---

## **MISSION OF THE INTERNAL AUDIT UNIT:**

To ensure that all activities of Yıldız Technical University are carried out in accordance with the legislation, that resources are used effectively, economically and efficiently, and that risk management, management and control processes operate effectively. Programs, within the framework of a systematic, continuous and disciplined approach, in accordance with international internal audit standards to provide auditing and consulting services.

## **VISION OF THE INTERNAL AUDIT UNIT:**

To become the most valuable resource of Yıldız Technical University by conducting consultancy and auditing activities as a role model.



# ETHICAL PRINCIPLES

---

Our university continues its activities with the mission of being devoted to its ethical principles, sensitive to society and environment, prioritizing community welfare, facilitating life, highlighting the human resource, contributing to the development of the country, attaching importance to cultural values, establishing cooperations, and providing high quality value to society.

Yıldız Technical University Ethics Committee acts with the mission of enabling our university's academic staff to conduct studies that comply with world-class ethical principles and rules in their research and academic studies.

## **ACADEMIC ETHICAL PRINCIPLES**

1. Academic staff must adhere to scientific understanding and criteria in their research.
2. The data used in research and the results obtained cannot be distorted.
3. The opinions, methods and concepts of others must not be used without proper reference.
4. No deliberate scientific negligence, undisciplined investigation, diversion or dishonesty can be made.
5. In a study, the name of the academic staff who actually contributed to the study must be written.
6. Persons who have not contributed to the design, planning, execution and preparation of scientific research cannot be listed among author names.
7. Theses or studies that have not yet been submitted or accepted as defended cannot be used as a source without the permission of the owner.
8. Except for universally recognized scientific theories, basic knowledge of scientific fields, mathematical theorems and proofs, all or part of any work must not be published in translation or in its original form without permission and reference.

# QUALITY MANAGEMENT

## OUR QUALITY POLICY

As Yıldız Technical University, we research, question and access information for the scientific, technological, economic, social and cultural development of the society through a scientific approach for education, research and human needs, and a peaceful environment. We aim to educate qualified individuals who can solve problems, produce and distribute value added projects. From this point of view, our university, which aims to reach world standards in education, research and development, is rapidly advancing towards becoming a modern university.

In order to succeed in this journey, our basic quality policy is to implement and ensure the continuity of the following activities.

- Documentation, certification and continuous improvement to meet ISO 9001 standard;
- Realize our mission as sensitive to the society and environment, based on quality and in the spirit of working together and team spirit;
- Ensuring the change and development of our education, research, development and service processes through continuous improvement approach in order to meet stakeholder needs and expectations;
- Following up and applying scientific and technological developments closely;
- Encourage innovative and creative approaches.

In addition, the Quality Management System is carried out at Yıldız Technical University in order to show the process approach through defining, associating and controlling the processes necessary for the effective operation of the quality management system, specifying the authority and responsibilities and showing the third parties how the Yıldız Technical University quality management system is applied.

Quality Management System tasks were initiated in 2011 and were established with reference to ISO 9001: 2008 standard. In May 2012, YTU received the ISO 9001: 2008 Quality Management System accreditation certificate covering all its units. YTU has focused on MÜDEK accreditation since it is a Technical University. A total of 12 departments received MÜDEK accreditation certificate. These 12 sections also have the EUR-ACE label. Apart from MÜDEK, 1 part has MIAK, 1 part AESOP and 2 part has IMO-STCW accreditation certificate. Accreditation of non-accredited programs is being carried out. 2 laboratory is accredited according to ISO 17025 Standard and the accreditation of other laboratories will be extended is another indication of the importance given to quality.

# ANNEXES

## ANNEX 1: UN GLOBAL COMPACT: PRINCIPLES AND YTU

### PRINCIPLE 1

Businesses should support and respect the protection of internationally proclaimed human rights.

### PRINCIPLE 4

The elimination of all forms of forced and compulsory labour.

### PRINCIPLE 6

The elimination of discrimination in respect of employment and occupation.

### PRINCIPLE 9

Business should encourage the development and diffusion of environmentally friendly technologies.

### PRINCIPLE 2

Business make sure that they are not complicit in human rights abuses.

### PRINCIPLE 5

The effective abolition of child labour

### PRINCIPLE 7

Businesses should support a precautionary approach to environmental challenges.

### PRINCIPLE 10

Businesses should work against corruption in all its forms, including extortion and bribery.

### PRINCIPLE 3

Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.

### PRINCIPLE 8

Business should undertake initiatives to promote greater environmental responsibility.



14 March, 2019

Dear Mr. Sahin,

Thank you for writing the Secretary-General to express your organization's commitment to advance the Global Compact's principles in the areas of human rights, labour standards, the environment and anti-corruption. We applaud your leadership in making this decision and welcome your organization's engagement in the Global Compact – the world's largest corporate citizenship initiative, with thousands of business participants and other stakeholders from civil society, labour and government based in over 160 countries.

At the heart of the Global Compact is a conviction that business practices which are rooted in universal principles help the global marketplace to be more socially and economically inclusive, thus advancing collective goals of international cooperation, peace and development. Indeed, companies and other organizations participating in the Global Compact are working diligently to give concrete meaning to this principle-based change approach.

From the beginning, the Global Compact has considered the active engagement of non-business stakeholders a critical factor for making real progress. Your participation helps to foster this collaborative spirit which is so critical for tackling today's challenges.

Academic institutions have a unique role to play in advancing the Global Compact. For example, by undertaking research on the evolving issue of corporate citizenship, academic findings can serve to underpin more effective policies and practices. And, by developing case studies related to corporate efforts to implement universal principles, academics can further strengthen the business case for responsible practices. Perhaps most importantly, academics can better equip our leaders of tomorrow with the knowledge and tools they will need to adequately meet pressing global challenges.

Therefore, we encourage you to show your commitment to the Global Compact by taking strategic actions in one or more of the following areas: educating responsible leaders, advancing relevant research, disseminating international values of corporate citizenship, giving technical support to responsible business, or lending capacity to Global Compact Local Networks.

Business schools and management-related academic institutions are also encouraged to join the Principles for Responsible Management Education (PRME) initiative. The responsible education principles provide an engagement framework *specifically* for academic institutions to advance corporate responsibility through the incorporation of universal values into curricula and research. Over 100 academic institutions around the world have joined. More information can be found in the enclosed PRME brochure.

As a voluntary initiative, the Global Compact draws strength from our participants' commitment and actions. To spur implementation and progress, we provide various learning and engagement opportunities for signatories. These include: 80-plus country and regional networks where issues and activities are driven at a local level; practical tools and guidance documents on the principles and other priority issues; and international and local events where multi-stakeholder participants can exchange experiences, partake in learning and problem-solving exercises, engage in dialogue and identify like-minded organizations for partnering projects.

Further details on such activities can be found in the attached guidance document, "After the Signature: A Guide to Engagement in the United Nations Global Compact" and on the Global Compact website ([www.unglobalcompact.org](http://www.unglobalcompact.org)).

Credibility and accountability are critical factors for advancing the Global Compact. We encourage all organizations engaged in the initiative to communicate with their stakeholders about efforts to promote the initiative's ten principles and to engage in collaborative projects which advance the broader development goals of the United Nations, particularly the Millennium Development Goals. To start, your organization may wish to inform stakeholders – such as students, employees and partners – and the general public about your decision to support the Global Compact.

Again, we thank you for joining the Global Compact. We are eager to hear your ideas and experiences, and encourage you to share your views with us. We stand ready to support your efforts to embrace the ten universal principles and contribute to a more sustainable and inclusive global economy.

Yours sincerely,

Lise Kingo  
 Executive Director  
 United Nations Global Compact

## ANNEX 2: ASSURANCE STATEMENT

---

### INTERNAL AUDIT ASSURANCE STATEMENT

As a high-level manager, within the limits of my authority, I hereby declare that the information mentioned in the report is full and accurate. I also declare that the resources, allocated for the activities mentioned in the report within the budget frame, were used for the planned purposes and in line with the good financial management principles and the internal control system provides adequate assurance for legality and order of the transactions.

This assurance relies on my personal knowledge and evaluation as a high-level manager, and on internal controls, internal audit reports, Court of Auditors reports. I also declare that I do not have any knowledge for any issues not being reported, that might put the management at stake (Istanbul, 2019),



Professor Bahri SAHİN  
Rector

### FINANCIAL AFFAIRS MANAGER'S STATEMENT

As a unit manager in financial affairs, within the limits of my authority, I hereby declare that the operations of this management are in line with the good financial management and control principles; the internal control principles are processed, monitored and reported to the upper management in order to facilitate the public resources effectively, economically and efficiently.

I also declare that the financial statement information mentioned on Yıldız Technical University, 2018 Integrated Report's "Appendices 4 - Financial Statements" section is full and accurate. (Istanbul 2019)



Şelale KARAŞAH  
Manager, Directorate of Strategy Development

**ANNEX 3: GRI STANDARDS INDEX**

GRI STANDARDS	DISCLOSURE	RELATED SUSTAINABLE DEVELOPMENT GOALS
<b>GRI 101: "CORE"</b>		
<b>GRI 102: GENERAL DISCLOSURES</b>		
<b>ORGANIZATIONAL PROFILE</b>		
102-1	Yildiz Technical University	8
102-2	About Yildiz Technical University, p:12	
102-3	Istanbul, Turkey	
102-4	About Yildiz Technical University, p:12	
102-5	About Yildiz Technical University, p:12	
102-6	About Yildiz Technical University, p:12	
102-7	About Yildiz Technical University, p:12	
102-8	Employee Satisfaction and Supporting Sustainable Employee Development, p:76	
102-9	Sustainable and Responsible Management, p:73	
102-10	During the reporting period, there is no significant changes to the University and its supply chain.	
102-11	Risks and Opportunities, p:34; Internal Audit, p:94; Ethical Principles, p:95	
102-12	National and International Memberships / Partnerships, p:24	
102-13	National and International Memberships / Partnerships, p:24	
<b>STRATEGY</b>		
102-14	Rector's Message, p:8; Message from CFGS, p:10	
102-15	Rector's Message, p:8; Message from CFGS, p:10	
<b>ETHICS</b>		
102-16	Ethical Principles, p:95	16
102-17	Ethical Principles, p:95	16
<b>GOVERNANCE</b>		
102-18	Corporate Governance and Risk Management, p:89	
102-19	Corporate Governance and Risk Management, p:89	
102-20	Corporate Governance and Risk Management, p:89; Sustainability Management, p:92	
102-21	Corporate Governance and Risk Management, p:89; Sustainability Management, p:92	16
102-22	Employee Satisfaction and Supporting Sustainable Employee Development, p:76	5,16
102-23	Corporate Governance and Risk Management, p:89; Sustainability Management, p:92	16
<b>STAKEHOLDER ENGAGEMENT</b>		
102-40	Stakeholder Engagement, p:28	8
102-41	During the reporting period, there is no collective bargaining agreements.	
102-42	Stakeholder Engagement, p:28	
102-43	Stakeholder Engagement, p:28	
102-44	Stakeholder Engagement, p:28; Material Issues, p:30	

**REPORT PROFILE**

102-45	About Yildiz Technical University, p:12; Annex 4: Financial Statements	
102-46	Material Issues, p:30	
102-47	Material Issues, p:30	
102-48	Material Issues, p:30	
102-49	Material Issues, p:30	
102-50	1 January 2018 - 31 December 2018	
102-51	About The Report, p:7	
102-52	About The Report, p:7	
102-53	Contact Information, p:110	
102-54	About The Report, p:7	
102-55	GRI Standards Index, p:102	
102-56	No external audit.	

**GRI 201: ECONOMIC STANDARD SERIES**

**Encouraging qualified and value added research projects**

103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 1: Qualified Research and Development, p:43	2,5,7,8,9
103-3	Strategy and Value Creation Model, p:26; Focus Area 1: Qualified Research and Development, p:43	
201-1	Yildiz Technical University creates economic added value for its stakeholders with its high impact research projects carried out in line with its strategic goal of realizing the Research-Innovation-Commercialization (RIC) concept.	2,5,7,8,9

**Excellence in Education and Training**

103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 2: Qualified Education and Training, p:55	1,2,3,5,7,8
103-3	Strategy and Value Creation Model, p:26; Focus Area 2: Qualified Education and Training, p:55	
203-1	Strategy and Value Creation Model, p:26; Excellence in Education and Training, p:55	2,5,7,9,11

**Increasing the employment rate of graduates**

103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 2: Qualified Education and Training, p:55	1,2,3,5,7,8
103-3	Strategy and Value Creation Model, p:26; Focus Area 2: Qualified Education and Training, p:55	
203-1	Strategy and Value Creation Model, p:26; Increasing the Employment Rate of Graduates, p:60	2,5,7,9,11

**Improving collaborations between the business world and university**

103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 1: Qualified Research and Development, p:43	
103-3	Strategy and Value Creation Model, p:26; Focus Area 1: Qualified Research and Development, p:43	
205-1	Yildiz Technical University acts in compliance with anti-corruption laws and regulations in all its activities.	16

**Managing the university within the framework of Corporate Governance Principles (transparent, responsible, fair and accountable)**

103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 3: Sustainable and Responsible Management, p:73	
103-3	Strategy and Value Creation Model, p:26; Focus Area 3: Sustainable and Responsible Management, p:73	
206-1	During the reporting period, there were no lawsuits in this respect.	16

GRI STANDARDS	DISCLOSURE	RELATED SUSTAINABLE DEVELOPMENT GOALS
<b>GRI 301: ENVIRONMENTAL STANDARD SERIES</b>		
<i>To give importance to environmental and social responsibility in all decisions and practices</i>		
103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 3: Sustainable and Responsible Management, p:73	
103-3	Strategy and Value Creation Model, p:26; Focus Area 3: Sustainable and Responsible Management, p:73	
302-2	Strategy and Value Creation Model, p:26; Focus Area 3: Sustainable and Responsible Management, p:73	<b>7,8,12,13</b>
<i>Contributing to the environment and the society</i>		
103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 4: Sustainable Development, p:85	<b>12,13,14,15</b>
103-3	Strategy and Value Creation Model, p:26; Focus Area 4: Sustainable Development, p:85	
307-1	During the reporting period, no incidents occurred.	<b>12,13,14,15,16</b>
<b>GRI 401: SOCIAL STANDARD SERIES</b>		
<i>Supporting the development of academicians</i>		
103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 1: Qualified Research and Development, p:43	<b>4,5,8</b>
103-3	Strategy and Value Creation Model, p:26; Focus Area 1: Qualified Research and Development, p:43	
401-1	Human Resource Indicators, p:76	<b>5,8</b>
401-2	Human Resource Indicators, p:76	<b>8</b>
401-3	Human Resource Indicators, p:76	<b>5,8</b>
405-1	Human Resource Indicators, p:76	<b>5,8</b>
<i>Increasing the student demand and quality</i>		
103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 2: Qualified Education and Training, p:55	
103-3	Strategy and Value Creation Model, p:26; Focus Area 2: Qualified Education and Training, p:55	
406-1	During the reporting period, there were no cases of discrimination.	
<i>Improving employee satisfaction and supporting sustainable employee development</i>		
103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 3: Sustainable and Responsible Management, p:73	
103-3	Strategy and Value Creation Model, p:26; Focus Area 3: Sustainable and Responsible Management, p:73	
404-1	Sustainable Employee Development & Trainings, p:78	<b>5,8</b>
404-2	Sustainable Employee Development & Trainings, p:78	<b>8</b>
<i>Equal opportunity and diversity (gender, disability, race etc.)</i>		
103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 4: Sustainable Development, p:85	
103-3	Strategy and Value Creation Model, p:26; Focus Area 4: Sustainable Development, p:85	
405-1	At Yıldız Technical University, employee salaries are gender-independent.	<b>5,8,10</b>
406-1	During the reporting period, there were no cases of discrimination.	<b>5,8,16</b>

**Managing the university within the framework of Corporate Governance Principles (transparent, responsible, fair and accountable)**

103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 3: Sustainable and Responsible Management, p:73	
103-3	Strategy and Value Creation Model, p:26; Focus Area 3: Sustainable and Responsible Management, p:73	
411-11	During the reporting period, there were no cases of violation of the rights of indigenous peoples.	<b>2</b>
418-1	During the reporting period, no complaints were received regarding the violation of the confidentiality of information and loss of data of cooperating institutions.	<b>16</b>
419-1	During the reporting period, there were no penalties and sanctions for non-compliance with laws and regulations.	<b>16</b>
<i>Collaboration with public and non-governmental organizations and producing joint projects</i>		
103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 4: Sustainable Development, p:85	<b>1,2,3,5,7,8</b>
103-3	Strategy and Value Creation Model, p:26; Focus Area 4: Sustainable Development, p:85	
413-1	Yıldız Technical University cooperates with many non-governmental organizations within the scope of its corporate social responsibility practices and activities.	<b>2,5,7,9,11</b>
<i>Contributing to the environment and society</i>		
103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 4: Sustainable Development, p:85	
103-3	Strategy and Value Creation Model, p:26; Focus Area 4: Sustainable Development, p:85	
411-11	During the reporting period, there were no cases of violation of the rights of indigenous peoples.	<b>2</b>
413-1	During the reporting period, there were no violations of laws and regulations in the social and economic field.	
<i>Ensuring high-quality and sustainable communication with stakeholders</i>		
103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 4: Sustainable Development, p:85	
103-3	Strategy and Value Creation Model, p:26; Focus Area 4: Sustainable Development, p:85	
419-1	Raporlama döneminde, sosyal ve ekonomik alandaki yasalara ve düzenlemeler ile ilgili herhangi bir ihlal vakası yaşanmamıştır.	<b>16</b>
<i>Improving cooperation with Alumni</i>		
103-1	Strategy and Value Creation Model, p:26	
103-2	Strategy and Value Creation Model, p:26; Focus Area 4: Sustainable Development, p:85	
103-3	Strategy and Value Creation Model, p:26; Focus Area 4: Sustainable Development, p:85	
419-1	During the reporting period, there were no violations of laws and regulations in the social and economic field.	<b>16</b>

**ANNEX 4: FINANCIAL STATEMENTS**

Institution Code: 38.10		Name: YILDIZ TECHNICAL UNIVERSITY		TABLE 1.12 BALANCE SHEET		Period: 2018	
ASSETS				LIABILITIES & EQUITY			
<b>1 CURRENT ASSETS</b>				<b>3 CURRENT LIABILITIES</b>			
124.938.889,23				14.448.113,39			
<b>10 CASH AND CASH EQUIVALENTS</b>				<b>32 OPERATING DEBTS</b>			
36.266.889,95				7.715.131,67			
100 CASH				320 BUDGET SECURITIES			
3.522,82				7.715.131,67			
102 BANKS				<b>33 DEPOSIT LIABILITIES</b>			
30.128.820,57				2.219.319,97			
104 PROJECT PRIVATE ACCOUNT				330 DEPOSITS AND GUARANTEES RECEIVED			
6.134.546,56				1.008.156,28			
<b>12 OPERATING RECEIVABLES</b>				333 DEPOSITS			
74.944.052,35				1.211.163,69			
120 RECEIVABLES FROM INCOME				<b>36 OTHER LIABILITIES</b>			
32.125.746,78				4.200.518,94			
121 DOUBTFUL RECEIVABLES FROM INCOME				360 TAXES AND FUNDS PAYABLE			
179.370,21				3.413.190,04			
127 OTHER OPERATING RECEIVABLES				361 SOCIAL SECURITY DEEC. PAYABLES			
42.638.935,36				726.702,19			
<b>14 OTHER RECEIVABLES</b>				362 FUNDS OR COLLECTION ACCOUNTS ON BEHALF OF OTHER PUBLIC ADMINISTRATIONS			
3.627.026,94				60.626,71			
140 RECEIVABLES FROM INDIVIDUALS				<b>37 RESERVES FOR DEBTS AND EXPENSES</b>			
3.627.026,94				313.142,81			
<b>15 INVENTORY</b>				372 PROVISION FOR SEVERANCE PAY			
762.990,76				313.142,81			
150 RAW MATERIALS AND SUPPLIES				<b>4 NONCURRENT LIABILITIES</b>			
762.990,76				6.411.571,73			
<b>16 ADVANCE PAYMENTS</b>				<b>43 OTHER LONG TERM DEBTS</b>			
9.337.928,23				681.482,27			
162 NON-BUDGET ADVANCE AND LOANS				430 DEPOSITS AND GUARANTEES RECEIVED			
9.285.541,57				681.482,27			
164 LETTER OF CREDITS				<b>47 RESERVES FOR DEBTS AND EXPENSES</b>			
52.386,66				5.730.089,46			
<b>50 CAPITAL</b>				<b>5 EQUITY</b>			
1.976.924.176,62				1.619.210.861,88			
500 CAPITAL				570 PROFIT OF PREVIOUS YEARS			
1.976.924.176,62				314.295.845,18			
<b>57 PROFIT OF PREVIOUS YEARS</b>				<b>58 LOSS OF PREVIOUS YEARS</b>			
314.295.845,18				-651.433.918,01			
<b>58 LOSS OF PREVIOUS YEARS</b>				<b>59 NET INCOME FOR THE PERIOD</b>			
-651.433.918,01				-20.575.241,91			
<b>59 NET INCOME FOR THE PERIOD</b>				<b>591 NET LOSS FOR THE PERIOD (-)</b>			
-20.575.241,91				-20.575.241,91			

ASSETS		Period:2018		LIABILITIES & EQUITY		Period: 2018	
<b>2 FIXED ASSETS</b>				<b>22 OPERATING RECEIVABLES</b>			
1.515.131.658,77				317.287,21			
226 DEPOSITS AND GUARANTEES GIVEN				24 FINANCIAL FIXED ASSETS			
317.287,21				35.000,00			
241 CAPITAL INVESTED IN ORGANIZATIONS PRODUCING GOODS AND SERVICES				<b>25 TANGIBLE FIXED ASSETS</b>			
35.000,00				1.514.776.571,56			
250 LAND IMPROVEMENTS				250 LAND IMPROVEMENTS			
1.070.411.041,10				1.070.411.041,10			
251 UNDERGROUND AND OVERGROUND IMPROVEMENTS				251 UNDERGROUND AND OVERGROUND IMPROVEMENTS			
3.412.499,90				3.412.499,90			
252 BUILDINGS				252 BUILDINGS			
878.045.829,15				878.045.829,15			
253 PROPERTY, PLANT AND EQUIPMENT				253 PROPERTY, PLANT AND EQUIPMENT			
72.391.098,47				72.391.098,47			
254 VEHICLES				254 VEHICLES			
2.130.559,22				2.130.559,22			
255 FIXTURES				255 FIXTURES			
78.516.226,52				78.516.226,52			
257 ACCUMULATED DEPRECIATION (-)				257 ACCUMULATED DEPRECIATION (-)			
-624.100.345,81				-624.100.345,81			
258 CONSTRUCTION IN PROGRESS				258 CONSTRUCTION IN PROGRESS			
33.969.663,01				33.969.663,01			
<b>26 INTANGIBLE FIXED ASSETS</b>				<b>26 INTANGIBLE FIXED ASSETS</b>			
0,00				0,00			
260 RIGHTS				260 RIGHTS			
4.135.865,91				4.135.865,91			
268 ACCUMULATED DEPRECIATION (-)				268 ACCUMULATED DEPRECIATION (-)			
-4.135.865,91				-4.135.865,91			
<b>29 OTHER FIXED ASSETS</b>				<b>29 OTHER FIXED ASSETS</b>			
2.800,00				2.800,00			
294 INVENTORIES HELD FOR SALE				294 INVENTORIES HELD FOR SALE			
6.125.082,65				6.125.082,65			
297 OTHER VARIOUS FIXED ASSETS				297 OTHER VARIOUS FIXED ASSETS			
2.800,00				2.800,00			
299 ACCUMULATED DEPRECIATION (-)				299 ACCUMULATED DEPRECIATION (-)			
-6.125.082,65				-6.125.082,65			
<b>ASSETS</b>				<b>LIABILITIES &amp; EQUITY</b>			
1.640.070.547,00				1.640.070.547,00			

Balance Sheet Footnotes:	
#10 RECEIVED LETTERS OF GUARANTEE	2.215.167,48
#11 RECEIVED DEPOSITS LETTERS OF GUARANTEE	2.215.167,48
#14 GIVEN LETTERS OF GUARANTEE	781.000,00
#15 PROVISION OF GIVEN LETTERS OF GUARANTEE	781.000,00
#20 COMMITMENTS OF EXPENSES	5.941.854,78
#21 PROVISION OF EXPENSE COMMITMENTS	5.941.854,78
#48 ACCOUNTED FOR OTHER UNITS	333.781,69
#49 ACCOUNTED DEPOSITS FOR OTHER UNITS	333.781,69
#62 HIGHER EDUCATION INSTITUTIONS SCIENTIFIC PROJECTS ACCOUNTS	1.822.087,00
#63 PROVISION OF SCIENTIFIC PROJECTS	1.822.087,00
#93 RENT AND OTHER INCOMES OF TANGIBLE FIXED ASEETS	6.051.423,19
#99 PROVISION OF OTHER ACCOUNTS	6.051.423,19

18/03/2019 06:42

INSTITUTION: 3810 YILDIZ TECHNICAL UNIVERSITY

**BUDGET INCOMES STATEMENT**

YEAR: 2018 (TL)

ECONOMIC CODES	DESCRIPTION	FORECASTED BUDGET INCOME	ACCRUALS			COLLECTION			TRANSFERRED ACCRUALS	RATIO OF NET INCOME TO FORECASTED INCOME (%)	
			DEFERRED ACCRUALS FROM PREVIOUS YEAR	RELATED YEAR ACCRUALS	TOTAL ACCRUALS	COLLECTION	REFUND AND RETURN FROM BUDGET INCOMES	NET COLLECTION			
I	II	III	IV								
03	01	<b>ENTERPRISE AND OWNERSHIP INCOMES FROM GOODS AND SERVICES</b>	14.071.000,00	445.524,24	30.170.791,16	30.614.315,40	28.949.198,41	72.537,93	28.876.660,48	1.647.116,99	205,22
	01	<b>INCOMES FROM GOODS</b>	11.403.000,00	0,00	20.368.129,88	20.368.129,88	20.368.129,88	58.412,35	20.309.717,53	0,00	175,04
		Income from goods	14.000,00	0,00	19.825,39	19.825,39	19.825,39	0,00	19.825,39	0,00	123,91
	01	Incomes from specification and p	7.000,00	0,00	4.750,00	4.750,00	4.750,00	0,00	4.750,00	0,00	67,86
	02	Income from Publications	9.000,00	0,00	15.075,39	15.075,39	15.075,39	0,00	15.075,39	0,00	167,50
	02	<b>Service Incomes</b>	11.587.000,00	0,00	20.348.304,49	20.348.304,49	20.348.304,49	58.412,35	20.289.892,14	0,00	175,11
	03	Incomes from attorney affairs	0,00	0,00	4.159,72	4.159,72	4.159,72	0,00	4.159,72	0,00	0,00
	29	Incomes from formal education	1.426.000,00	0,00	4.697.444,97	4.697.444,97	4.697.444,97	23.239,70	4.674.205,27	0,00	327,78
	31	Incomes from Secondary Educati	4.807.000,00	0,00	2.383.779,50	2.383.779,50	2.383.779,50	2.100,00	2.381.679,50	0,00	49,55
	32	Incomes from summer school	0,00	0,00	603,75	603,75	603,75	0,00	603,75	0,00	0,00
	33	Incomes from Executive Master pr	1.912.000,00	0,00	6.181.248,69	6.181.248,69	6.181.248,69	23.382,50	6.157.866,19	0,00	322,06
	36	Income from YTU Social Institutio	745.000,00	0,00	1.022.844,78	1.022.844,78	1.022.844,78	722,00	1.022.122,78	0,00	137,20
	38	Dorm incomes	310.000,00	0,00	490.330,63	490.330,63	490.330,63	1.983,22	488.347,41	0,00	157,53
	45	Income from long distance educat	59.000,00	0,00	689.537,00	689.537,00	689.537,00	2.141,00	687.396,00	0,00	1.165,08
	46	Long distance learning education	7.000,00	0,00	329.775,00	329.775,00	329.775,00	0,00	329.775,00	0,00	4.711,07
	98	687 KHK concept	0,00	0,00	290.105,04	290.105,04	290.105,04	3.835,18	286.269,86	0,00	0,00
	99	Other Service Income	2.321.000,00	0,00	4.258.475,41	4.258.475,41	4.258.475,41	405,00	4.258.070,41	0,00	183,46
	06	<b>RENT INCOME</b>	2.448.000,00	445.524,24	9.802.461,28	10.248.185,52	8.581.068,53	14.125,58	8.566.942,95	1.647.116,99	347,12
	01	<b>Incomes from Intangibles</b>	2.448.000,00	445.524,24	9.802.461,28	10.248.185,52	8.581.068,53	14.125,58	8.566.942,95	1.647.116,99	347,12
	01	Housing Incomes	77.000,00	0,00	1.600.935,05	1.600.935,05	1.600.935,05	2.054,28	1.598.880,77	0,00	2.076,47
	99	Other Rent Incomes	2.371.000,00	445.524,24	8.201.726,23	8.647.250,47	6.980.133,48	12.071,30	6.968.042,18	1.647.116,99	291,43
	04	<b>RECEIVED DONATIONS AND IN</b>	278.554.000,00	44.642.000,00	289.744.728,77	334.186.728,77	303.548.728,77	452.154,70	303.096.574,07	30.638.000,00	108,81
	02	<b>CENTRAL MANAGEMET BUDGE</b>	278.554.000,00	44.642.000,00	289.744.728,77	334.186.728,77	303.548.728,77	452.154,70	303.096.574,07	30.638.000,00	108,81
	01	<b>Current</b>	251.462.000,00	23.061.000,00	259.104.000,00	282.165.000,00	254.919.000,00	0,00	254.919.000,00	27.246.000,00	101,37
	01	Treasury Incentives	251.462.000,00	23.061.000,00	259.104.000,00	282.165.000,00	254.919.000,00	0,00	254.919.000,00	27.246.000,00	101,37
	02	<b>Capital</b>	27.092.000,00	21.381.000,00	27.092.000,00	48.473.000,00	45.081.000,00	0,00	45.081.000,00	3.392.000,00	166,40
	01	Treasury Incentives	27.092.000,00	21.381.000,00	27.092.000,00	48.473.000,00	45.081.000,00	0,00	45.081.000,00	3.392.000,00	166,40
	04	<b>INSTITUTIONS AND INDIVIDUA</b>	0,00	0,00	348.792,07	348.792,07	348.792,07	0,00	348.792,07	0,00	0,00
	01	<b>Current</b>	0,00	0,00	348.792,07	348.792,07	348.792,07	0,00	348.792,07	0,00	0,00
	03	Donations from institutions	0,00	0,00	348.792,07	348.792,07	348.792,07	0,00	348.792,07	0,00	0,00
	05	<b>PROJECT INCENTIVES</b>	0,00	0,00	3.199.936,70	3.199.936,70	3.199.936,70	452.154,70	2.747.782,00	0,00	0,00
	01	<b>Current</b>	0,00	0,00	3.199.936,70	3.199.936,70	3.199.936,70	452.154,70	2.747.782,00	0,00	0,00
	10	HSE Incentives for Academicians	0,00	0,00	95.000,00	95.000,00	95.000,00	0,00	95.000,00	0,00	0,00
	13	HSE Scholarship Funds	0,00	0,00	3.061.936,70	3.061.936,70	3.061.936,70	452.154,70	2.609.782,00	0,00	0,00
	14	HSE Scientific Research Incentives	0,00	0,00	43.000,00	43.000,00	43.000,00	0,00	43.000,00	0,00	0,00
	05	<b>OTHER INCOMES</b>	8.169.000,00	3.789.178,64	10.671.202,05	14.660.380,69	10.833.353,75	22.348,01	10.811.005,74	3.627.026,94	132,34
	01	<b>INTEREST INCOMES</b>	0,00	312.154,17	585.814,43	897.968,60	587.025,49	3.181,50	583.843,99	310.943,11	0,00
	09	<b>Other Interests</b>	0,00	312.154,17	585.814,43	897.968,60	587.025,49	3.181,50	583.843,99	310.943,11	0,00
	01	Interest received from individuals	0,00	312.154,17	42.150,79	354.304,96	43.361,85	0,00	43.361,85	310.943,11	0,00
	03	Banks Interest	0,00	0,00	440.525,32	440.525,32	440.525,32	0,00	440.525,32	0,00	0,00
	99	Other Interest	0,00	0,00	103.138,32	103.138,32	103.138,32	3.181,50	99.956,82	0,00	0,00
	02	<b>INCOME FROM INSTITUTIONS</b>	387.000,00	0,00	540.425,85	540.425,85	540.425,85	0,00	540.425,85	0,00	139,64
	06	<b>From Private Budget Institution</b>	387.000,00	0,00	540.425,85	540.425,85	540.425,85	0,00	540.425,85	0,00	139,64
	16	Incomes from Scientific Projects	387.000,00	0,00	540.425,85	540.425,85	540.425,85	0,00	540.425,85	0,00	139,64

# SUSTAINABLE DEVELOPMENT GOALS




Produced by:  
Yıldız Technical University Center for Finance  
Governance and Sustainability (CFGS)



Report Design::  
Selin Estroti Design Studio




 YildizEdu

 YildizEdu

 YildizEdu

 YTÜ

 Yıldız Teknik Üniversitesi

 ytuiletisim

 ytuiletisim