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# 1 NO POVERTY



1 NO POVERTY

## 1 NO POVERTY

### Student Anti Poverty Programmes

All universities in Turkey accept students through the national higher education entrance exam, and also international students are evaluated through their exam grades. In Turkey's higher education system, there is no external application that facilitates the entry of low-income students to university. For this reason, it is not possible to make a different application for students with low household incomes during student selection. Our students are informed about the scholarship options and camps during the registration process. After the scholarship applications are received, an evaluation is made.

Our university accepts to provide education to low-income students at both national and international levels. Providing support to low-income students and ensuring that they are not deprived of educational opportunities due to lack of income is a policy of Sakarya University. The primary goal of Sakarya University in scholarship support is to provide scholarships to all students whose household income is at or below the hunger limit. One or more scholarships are given to the students at or below the hunger limit.

Sakarya University offers food and accommodation scholarships, which are primarily used by students from low-income families, relatives of martyrs or veterans, and disabled students. Sakarya University students who needs financial supports can apply for the Alumni Association Scholarship, SAU Foundation Scholarship, Food Scholarship, and faculty scholarship programs conducted in their own schools. In addition to these, the Foreign Student Scholarship, which is open to international students' applications, is among the scholarships that Sakarya University students can benefit from. Food, accommodation, and cash scholarships provided by our university are not canceled if the academic success of our students decreases.

Students who will benefit from the Sakarya University accommodation scholarship are determined by the Dormitory Management and Disciplinary Board, in accordance with Article 25 of the Sakarya University Dormitories Regulation. Students who are decided to receive a scholarship have the right to free accommodation at Sakarya University Esentepe Student Dormitory.

Although universities are not obliged to provide food service within the scope of the legislation, Sakarya University provides food service to provide students with affordable price and quality nutrition. Students who are eligible to receive a meal scholarship are not charged for lunch and dinner.

In addition to providing food, accommodation or cash scholarships to students who enroll in our university and prove that they are low-income, the success rates of these students are closely examined by consultant academicians. Academic advisor support is provided to our students to ensure their success. Our students do not need to be above a certain level of success in order to receive a scholarship from Sakarya University. For this reason, all scholarships provided by our university are related to poverty level and are not evaluated according to academic success.

## Community Anti-Poverty Programmes

Sakarya University primarily provides services that support the economic empowerment of all its stakeholders within the scope of community anti-poverty programmes. Within the scope of these services, it primarily carries out lifelong education programs that support the development of society. Additionally, Teknokent and Technology Transfer Office, which support entrepreneurs in the region, provide services or support these activities. In addition, it enables students to gain entrepreneurial competence with the Entrepreneurship and Project Management course. Sakarya University has many units and programs to support local entrepreneurs.

Sakarya University Continuing Education Center (SAUSEM) conducts more than a hundred training and certificate programs for both entrepreneurs and individuals who aim to develop or acquire skills (<https://sausem.sakarya.edu.tr/egitimler/hepsi>).

Sakarya University provides the supports for the start-up of sustainable businesses through relevant education and resources and provides financial, offices, employees, interns, R&D infrastructure, and laboratory support to the establishment of hundreds of businesses operating in various sectors.

Teknokent, in which Sakarya University is the largest partner, and its Business Incubation Center offer workspaces or offices to innovators, entrepreneurs and start-up businesses (<http://www.sakaryateknokent.com/girisimcilik-ekosistemi>). Start-ups are required to prepare projects in order to continue to stay in Teknokent or Business Incubation Center (<http://www.sakaryateknokent.com/basvuru-ve-karar-sureci>). During their projects, they are provided with a working environment, benefit from the Teknokent ecosystem and receive many financial supports. Entrepreneurs can benefit from university laboratories within the Research and Development Application and Research Center (SARGEM) (<https://sargem.sakarya.edu.tr/tr/icerik/12420/99839/hizmetlerimiz>) and other facilities needed by the university. Teknokent, Technology Transfer Office (Adapto) and Business Incubation Center carry out mentoring programs for both students and the society; It organizes training workshops on innovation, entrepreneurship and relevant national and international project programs.

Apart from the above practices, students in all departments take the Entrepreneurship and Project Management course. This course is a common (mandatory) elective course of the university and must be taken by all students before graduation. Within the scope of this course, students are asked to prepare an entrepreneurial idea or project proposal. The submitted projects are evaluated by the faculty members and the students are directed to the Business Incubation Center or Technocity. With this process, academic and commercial support is provided to students on entrepreneurship, and grants are given for projects

G-FAST entrepreneurship acceleration program, jointly conducted by Sakarya University, Teknokent and Technology Transfer Office (Adapto), is another application that supports future entrepreneurs. Within the scope of the G-FAST competition program, to which students from all universities can apply, project proposals are evaluated by a jury consisting of faculty members and professionals from the sector. Award-winning projects are supported by faculty support and mentoring, and they also receive financial support and financial rewards for their projects (<https://haber.sakarya.edu.tr/g-fast-hizlandirma-programi-basliyor-h114914.html>).

## **Participation In Policy Making**

Sakarya University faculty members are appointed as members or consultants in policy making for the purpose of implementing programs and policies to end poverty in all its dimensions in local (SESAM), regional (SESAM), national (ISEFAM, İKSAR) or global (SETA) organizations. Within the scope of these duties, faculty members regularly conduct research and publish reports in the mentioned institutions. These prepared reports are shared with the society and relevant administrative units (municipalities, ministries, etc.). Thus, our faculty members contribute to decision-making processes on economic issues and initiatives to reduce poverty in all dimensions.

In addition, some of our faculty members regularly participate in television programs every week on many national and local television channels, including the state's national television channel (TRT), and make economic evaluations in the sessions in order to inform the society and decision-makers.

# 2 ZERO HUNGER



2 ZERO HUNGER



## 2 ZERO HUNGER

### Food Waste on Campus

Within the scope of the Zero Waste program implemented at Sakarya University, all waste is separated at its source and recycled in various ways. (<https://sifiratik.sakarya.edu.tr/>). Food waste is also collected within this scope, measured and delivered to Sakarya Metropolitan Municipality for recycling. In accordance with the agreement made with the catering company serving on campus, the amount of waste is measured before the waste disposal process. In terms of recycling food waste, clean foods that are not served within this scope are directed to those in need determined by Sakarya Metropolitan Municipality. Apart from this, the food waste generated is classified by relevant companies and subjected to disposal or recycling. Organic wastes are used as biogas or liquid biofertilizer. For the recycling of organic waste within the university area; There is an organic waste collection area on campus to recycle organic waste and use it as fertilizer. All organic waste is collected and processed for recycling.

### Student Hunger

Sakarya University provides regular food service to all its students and employees. The meal menu, which is offered in two meals every day, lunch and dinner, is determined by the expert dietitian according to the amount of energy (kcal) individuals need and takes into account the nutritional balance. In addition, both Sakarya University and the Ministry of Agriculture and Forestry inspect the catering company that provides food services, and within the scope of food safety, samples are taken from the meals every day, sent for analysis and their hygienic conditions are checked.

The lunch and dinner service offered on campus includes standard menu, diet menu, vegetarian and vegan meal options. If the meal is not suitable for vegetarians or vegans, there is a vegetarian or vegan alternative in the standard menu prepared outside the diet menu. Everyone can choose from the standard food presentation area for vegetarian, vegan, diet or non-vegan menus. Apart from the food menus, there is a salad bar service at every meal.

At Sakarya University, food scholarships are given to students in need, and these students are not charged for lunch and dinner. According to the agreement made with the catering company, a portion of the meal fee per person is covered by the university. In this context, all students can access food at affordable prices.

### National Hunger

Sakarya University supports local farmers and food producers in food safety and sustainable agriculture knowledge, skills and technology. In particular, faculty members of the Food Engineering Department of the Faculty of Engineering of the university carry out studies on pests that damage agricultural products and support farmers on these issues. Additionally, seminars, panels and meetings are held on sustainable agricultural methods and technologies.

Farmers' demands, regional expectations and needs are taken into account in R&D studies for sustainable and safe agriculture. For this purpose, Sakarya University attaches great importance to research centers and laboratories related to agricultural sciences and prefers to invest (<https://haber.sakarya.edu.tr/gida-muhendisligine-yeni-laboratuvar-h115054.html>). Scientific and practical studies carried out in Sakarya University laboratories contribute to knowledge and skills on safe agriculture. Research and development studies, information and projects which support sustainable food practices produced in various laboratories such as Plant Tissue Culture Research and Production Laboratory (<https://sargem.sakarya.edu.tr/tr/icerik/16094/82738/vizyon-ve-misyon>), Food Analysis Laboratory (<https://food.sakarya.edu.tr/tr/icerik/14335/71706/gida-analizleri-laboratuvari>), Milk and Dairy Products Technology Laboratory (<https://food.sakarya.edu.tr/tr/icerik/14336/71742/sut-ve-sut-urunleri-teknolojisi-laboratuvari>), Food Packaging and Preservation Laboratory (<https://food.sakarya.edu.tr/tr/icerik/14507/71804/gida-ambalajlama-ve-muhafaza-laboratuvari>), Food Biotechnology Laboratory (<https://food.sakarya.edu.tr/tr/icerik/14511/71874/gida-biyoteknolojisi-laboratuvari>), Food Microbiology Laboratory (<https://food.sakarya.edu.tr/tr/icerik/14510/71875/gida-mikrobiyolojisi-arastirma-laboratuvari>), Sustainable Food Processing Laboratory (<https://food.sakarya.edu.tr/tr/duyuru/goster/125894/suprolab-acilisi>). The findings obtained from the R&D studies carried out in this research and application laboratory of Sakarya University are shared with farmers and food producers through seminars and press conferences.

Plant Tissue Culture Research and Production Laboratory, which serves at Sakarya University, was established in cooperation with Sakarya Chamber of Commerce and Industry. Studies here have traditionally focused on the mass production of some commercially important plants that are difficult to produce in a short time and under aseptic conditions. These studies diversify in line with the demands of the producers.

In addition, Sakarya University organizes events to connect local farmers and food producers and transfer information and provides support to regional events. For example; The International Ornamental Plants Festival, of which Sakarya University is among the sponsors, is held every year in Sakarya Province. Shrub and tree ornamental plant producers, plant nutrition and spraying suppliers, irrigators, illuminators, pot manufacturers, design and application offices, local governments, public institutions and organizations, large-scale construction companies, landscape architects and the public participate in the festival.

Sakarya University provides local farmers and food producers with access to university facilities (such as laboratories, technology, plant stocks) in order to develop sustainable agricultural practices. These people can forward their project requests regarding sustainable agriculture to Teknokent or the Scientific Research Projects Unit. As a result of these demands, an R&D team consisting of Sakarya University faculty members and research assistants is formed and the needs are projected.

Sakarya University attaches importance to purchasing from local and sustainable sources through direct purchases and indirect purchases. In the procurement through tender conducted within Sakarya University, the condition of purchasing from sustainable sources has been added to the tender conditions for possible products. The products offered in the canteens and cafeterias within the university are purchased from local producer.

# **3 GOOD HEALTH AND WELL-BEING**



### 3 GOOD HEALTH AND WELL-BEING

#### Collaborations and Health Services

Sakarya University, which has a faculty of medicine, a faculty of dentistry and a vocational school of health services, provides various services in cooperation with local and national health institutions to disseminate education and health services in the field of health and to improve the health and well-being of its society.

With the protocol made between the Ministry of Health and Sakarya University Faculty of Medicine, health services are provided to the people of the region within the T.C. Sakarya University Training and Research Hospital of the Ministry of Health. According to this protocol, faculty members working at the Faculty of Medicine support the improvement of the health and well-being of the local people by providing health services within the hospital. In addition, faculty members and students can use public hospitals as research and application centers and participate in research activities, workshops, seminars, etc. carried out within the Ministry of Health and Sakarya Training and Research Hospital. Similarly, in accordance with the protocol signed with Sakarya University and Sakarya Provincial Health Directorate, the educational contents of the provincial health directorate were presented by Sakarya University Distance Education Center via internet-based distance education method.

Sakarya University offers many training programs and organizes events to raise awareness of local people on basic health issues. In this context, there are many courses open to public participation face to face or online. Within this scope, there are many trainings, both in-house and open to the public, on many subjects such as family planning, healthy nutrition, obesity, harmful substance use, infectious diseases, diet and health, sexual development, privacy education. These trainings are carried out face to face or online (<https://tip.sakarya.edu.tr/tr/duyuru/goster/118724/yara-bakimi-yonetimi-sosyal-kursu>). Students from all grade levels, all faculties and departments, as well as non-university students, can attend these courses.

Sakarya University also supports improving the quality of health education in the nearby region. For example; In this context, according to the protocol signed with Bilecik Şeyh Edebali University; Until the physical infrastructure and academic staff facilities of Bilecik Şeyh Edebali University Faculty of Medicine are sufficient for medical education, students who will be placed in Bilecik Şeyh Edebali University Faculty of Medicine will complete their 1st, 2nd and 3rd year basic education at Sakarya University Faculty of Medicine (<https://tip.sakarya.edu.tr/tr/duyuru/goster/124135/isbirligi-protokolu>).

In addition, Sakarya University carries out various projects to improve health opportunities at national and international levels. Faculty members of Sakarya University, who work in non-governmental organizations operating in different fields (SETA, etc.), work on health-related issues, contribute to projects on global health conditions, and produce analyzes and reports on the policies of the World Health Organization.

## Health Services on Campus

The health services and supports provided within Sakarya University are diversified for students, university staff and the public. Sakarya University has a Department of Health, Culture and Sports unit specially established to organize and manage all kinds of sports, culture and art activities in order to protect the physical and mental health of students and to make use of their free time. This unit is responsible for ensuring that the university's students, staff and the public benefit from these opportunities as much as possible.

Within Sakarya University; There are many student communities dedicated to activities on healthy living and well-being such as healthy living, healthy nutrition, mountaineering, archery, and they continue their work throughout the year. Additionally, blood donation programs are organized at the university and in the province to encourage blood donation. In this context, students regularly participate in the Turk Kızılay Blood Center vehicles belonging to the Turk Kızılay Association every year and contribute to the city's blood donation activities. A smoke-free air policy, which plays a very important role in ensuring a healthy life, is implemented on the Sakarya University campus.

Sakarya University carries out many studies to raise awareness of local people, as well as students and staff, on basic health issues. Within this scope, training is provided on various subjects such as family planning, healthy nutrition, infectious diseases, diet and health, sexual development, privacy education. Students from all grade levels, all faculties and departments, as well as non-students, can attend these courses.

Through the Medico Social Center within the Department of Health, Culture and Sports of Sakarya University, services are provided to protect the physical and mental health of students and employees and to treat or treat those who are sick. In our Medico Social Center; Polyclinic services, Psychological Counseling and guidance services are included. In addition to students, our University employees and their dependent family members benefit from the health services of the Medico Social Center. Within the scope of health services, services are provided by 2 physicians, 1 of whom is an institutional physician, and 7 nurses. Within the scope of Psychological Counseling and Guidance Services, we provide services with 4 psychologists and 3 support staff.

Access to social and activity areas at Sakarya University is free and open to the public. Institutions or sports clubs that want to organize sports activities can benefit from Sakarya University's activity areas. Social areas, performance areas, congress centers and halls are also open to the use of institutions and the public. The activities and conditions under which these areas can be used are stated and announced in the Sakarya University Health Culture and Sports Association regulation.

In addition, Sakarya University offers various trainings and certifications within the Sakarya University Continuing Education Center to people who want to pursue a career in the field of health or gain new skills in the field of health.

# 4 QUALITY EDUCATION



4 QUALITY EDUCATION

## 4 QUALITY EDUCATION

### Lifelong Learning

Sakarya University provides access to educational resources for those who do not study at the university by providing training within the scope of lifelong education services, organizing public events and sharing the university's information resources with the public.

First of all, all education programs within the scope of lifelong education of Sakarya University are carried out within the university's Continuing Education Center (SAÜSEM) (<https://sausem.sakarya.edu.tr/>). Within the scope of training carried out by SAÜSEM, there are various trainings such as vocational training, technical training and certificate training as well as short courses for people who are not attending the university. People who have never received a university education or who want to gain different competencies in their careers can attend these trainings, receive certificates depending on the type of training, and participate in job placement programs. These trainings can be diversified according to the demands of sectors and stakeholders. All trainings are open to everyone, and there are paid and free trainings.

Other education programs carried out by Sakarya University within the scope of lifelong learning are postgraduate education programs and courses like MBA. Among these programs, evening education programs, especially those carried out on weekends, are suitable for the participation of people who want to improve themselves within the scope of lifelong learning.

In addition, students studying at different universities can attend classes at Sakarya University if their institutions accept. Additionally, they can enroll in all courses offered in the summer school without requiring pre-admission. All programs carried out at Sakarya University are open to public use on the education information system website (<https://ebs.sakarya.edu.tr/>).

In addition, Sakarya University organizes public events such as public trainings, seminars and social education events. The university's congress center and general purpose halls are used for events organized by the university, as well as hosting similar events of different institutions.

The physical and digital resources of Sakarya University Libraries, which have rich information resources and a capacity of 1300 people, and the devices in all libraries are accessible to the public (<https://haber.sakarya.edu.tr/merkez-kutuphane-hafta-ici-tum-ogrencilere-acik-h98003.html>). The Library and Documentation Department organizes public training on the use of resources.

At Sakarya University, social aid activities for education outside the campus are carried out by student communities established for social aid and education purposes (<https://kultur.sakarya.edu.tr/tr/icerik/12782/57626/topluluk-listeleri>). Some of these activities carried out within the scope of social contribution activities; These include aid to surrounding villages, financial aid, educational material aid, theater performances for students, games and activities for special education students, establishment of a library, food aid, etc. Sakarya

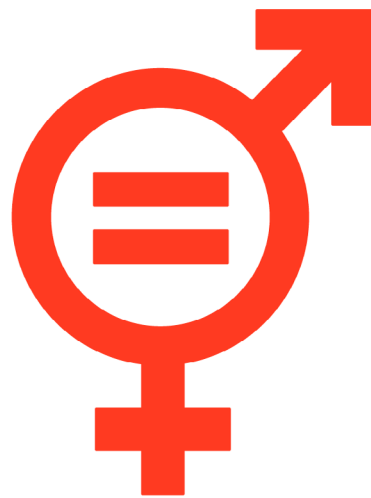
University supports communities financially and by providing the tools they need.

### **Lifelong Learning Access Policy**

Sakarya University's activities are open to the participation of community members without discrimination and are secured by the principles of ethical behavior and Sakarya University ethics committee guidelines (<https://www.sakarya.edu.tr/en/politikalar-s17.html>). There is no discrimination based on race, ethnicity, national affiliation, class, caste, religion, thought, sex, gender, language, sexual orientation, gender identity, gender characteristics, age, health status or other conditions in any process within Sakarya. University. This right to equality is valid in all processes such as recruitment, student recruitment, appointment and promotion, participation in events, and taking on administrative duties. Equality is an internalized issue within Sakarya University and sensitivity is shown on this issue. Behaviors other than these are considered discrimination and hate crimes, and an investigation is initiated against the person or persons who committed this crime.



# 5 GENDER EQUALITY



## 5 GENDER EQUALITY

### Student Access

In Turkey, students' university application and acceptance processes are carried out centrally by the Student Selection and Placement Center. Therefore, the gender information of the students at the application stage is known and monitored only by the Student Selection and Placement Center. This information is notified to the university after students gain the right to enroll. During and after the registration phase, Sakarya University lists the male-female distribution of students (<https://about.sakarya.edu.tr/Ogrenciler/KizErkekOrani>), duration of study (<https://about.sakarya.edu.tr/Ogrenciler/DetayliOgrenciSayilari>) and completion. It monitors the rates (<https://about.sakarya.edu.tr/Ogrenciler/MezunOgrenciSayisi>) through its own information system.

Sakarya University has determined a Responsible University Policy to provide services and carry out its activities under the same conditions to all individuals, regardless of gender. In this regard, it has ensured that all individuals have the same conditions with the Senate Principles regarding Undergraduate, Associate and Postgraduate Education Regulations and has ensured it with its practices in this direction (<https://ogrdek.sakarya.edu.tr/tr>).

### Women's Progress

There is a Women's Studies Application and Research Center within Sakarya University (<https://sukam.sakarya.edu.tr/>), which operates to conduct research on issues that particularly concern women, to develop policies and practices for the empowerment of women in society. Research projects, publication studies, scientific events and journal activities (<https://x.com/saukamsau/status/1674782565939695622?s=20>) are carried out within the center. In addition, collaborations are carried out with local, regional and national policy makers and roles are taken in relevant teams (<https://x.com/saukamsau/status/1672213616135741441?s=20>).

Within the Sakarya University Women's Studies Application and Research Center, studies are carried out to identify areas where women are a minority and to increase the orientation of women in these areas.

In addition, support is provided by Sakarya Technocity and Incubation Center to support women entrepreneurs. Women entrepreneurs have businesses or start-up companies in the Technocity and Incubation Center (<http://www.sakaryateknokent.com/firmalar>). The development of these enterprises is also followed by the Women's Studies Application and Research Center.

### SAU Personnel

Academic and administrative staff at Sakarya University are subject to the Civil Servants Law No. 657. According to this law; There is no gender discrimination in the rules applied in the employment of permanent civil servants, permanent workers, lecturers or instructors in

all public institutions and organizations in Turkey. In addition, Sakarya University has defined a Human Resources Policy and adopted a policy of non-discrimination against female employees within this scope.

According to the Civil Servants Law No. 657 at Sakarya University, female employees have the right to paid leave before and after birth. After the paid leave period expires, female employees can extend their maternity leave period for up to 2 years without pay. Male employees have the right to receive paid paternity leave after giving birth. Female employees are given maternity leave for three hours a day for the first six months and one and a half hours a day for the second six months, after the end of the maternity leave period, to breastfeed their child. The choice of the female employee is essential regarding the hours and number of times per day that maternity leave will be used. There is a kindergarten facility on campus for academic and administrative staff who have children of preschool education age. There is also a foundation school owned by the university foundation, serving students from pre-school to high school. The foundation school provides discounted services to university staff.

More than 10% of our female students attend the annual international interdisciplinary women's studies congress and the educational and social events organized by our Women's Research Center. Our university has programs aimed at measuring/monitoring the probability of women graduating compared to men and closing the gaps. Education periods and graduation rates of male and female students are monitored. Accordingly, women's graduation time is shorter than men, and their graduation rates are higher than men's. At Sakarya University, we conduct research and studies to shorten the graduation time and increase the graduation rates of all our students.

Sakarya University employees or students can submit all their requests and complaints through the Quality Management Information System without providing identification. All complaints at the University have been managed according to the ISO 10002 standard and in line with the Service Recipients' Satisfaction Policy since 2015. Within the scope of this system, people can directly forward their complaints and other requests to the department head, dean's office or rector's office. If the complainant is placed at a disadvantage due to the situation complained of or for a different reason, it is under the protection of the disciplinary regulation; An investigation is initiated within the scope of the disciplinary regulations of higher education institutions. The investigation process at Sakarya University is carried out confidentially under the management of the legal consultancy.

# 6 CLEAN WATER AND SANITATION



## 6 CLEAN WATER AND SANITATION

### Water Supply, Usage, Care and Consumption

Sakarya University regularly monitors the water consumption it obtains from all sources within its campuses and uses in all areas. Attention is paid to water usage on campus and the use of water-saving vehicles is given priority. The water used in campus and university buildings is recycled within the cycle and made available for continuous use. In this sense, more than one study is being carried out and new ones are added to these studies every day. As examples of these applications; Spray filters, automatic urinal control devices, waterless urinals, low-flush toilets, low-flush taps and automatic taps that allow limited use of water in sinks can be provided.

Sakarya University implements building standards to minimize water use. Most of the buildings five years old and older and all of the new buildings at Sakarya University are equipped with water-saving devices. Water-consuming accessories such as taps and spray apparatus that reduce water consumption and increase efficiency and photocell usage contribute to water saving. Water efficiency is ensured in filling areas such as siphons with half-fill adjustment and photocell mechanisms. More than 60% of the water usage devices at Sakarya University have water-saving features.

In addition, water obtained from sources within the campus borders is stored in 9 separate tanks. All green areas within the campus are automatically irrigated with water taken from the source. The water accumulation and irrigation process of green areas is in an automatic cycle. There are irrigation channels on the floors of green areas. During irrigation times, the tanks where spring water is collected are operated and pressurized water is transported to underground irrigation channels.

Sakarya University makes landscaping arrangements to minimize water use. Sakarya province has a rainy and humid weather and a temperate climate. Winters are rainy and mild, and summers are hot. Plants that will need minimum care in these climatic conditions are especially pine and cedar trees; Plants such as pine and cedar trees are used in the campus landscape to minimize water use. All green areas on the campus are automatically irrigated with water obtained from natural sources. Mains water is not used in irrigation works.

Sakarya University has a process for purifying wastewater. Wastewater generated within the campus is treated in treatment facilities according to the agreement made with Sakarya Metropolitan Municipality. Wastewater passes through basic purification filters before being discharged. There are oil filters in the waste water discharge channels in areas where oily waste occurs, such as cafeterias.

At Sakarya University, systems that prevent dirty water from entering the water system are implemented. In order to prevent wastewater from mixing with the clean water network, cooperation is made with Sakarya Water and Sewerage Administration (SASKİ), which is affiliated with Sakarya Metropolitan Municipality ([www.sakarya-saski.gov.tr](http://www.sakarya-saski.gov.tr)). On the other hand, since Sakarya is located in the first degree earthquake zone, wastewater channels are protected against possible earthquake risks. To this end; Within the scope of the Metropolitan Municipality works, a steel transmission line was laid in the region where Sakarya University is located. Despite these measures, filters are used in all wastewater discharge areas to

minimize the damage caused by pollution and damage to nature.

Since the water flowing from the fountain in Sakarya is drinkable, students, staff and visitors of Sakarya University can access drinking water free of charge. Many analyzes have been made and reports have been published regarding the safety of tap water, with the contributions of Sakarya University faculty members. Analysis results and water quality are regularly shared with the public by the relevant institution. There are also water dispensers on campus for the use of visitors and residents. Those who wish can use the water dispensers free of charge.

### **Water Reuse**

At Sakarya University, many practices are carried out to maximize water reuse throughout the university. For example; All of the water used in irrigation is provided from natural sources. Wastewater is treated and discharged. The treated wastewater is used to irrigate the forest areas on the campus. Water obtained from rainwater collection channels is also used for irrigation purposes or to meet the water needs of stray animals. Water reuse is measured regularly throughout the university, and studies are carried out to increase reuse rates.

All sewage waste of Sakarya University is processed in the wastewater treatment plant of Sakarya Metropolitan Municipality. Treated wastewater is discharged back into the natural environment, and untreated sewage waste is discharged in a harmless manner to the environment.

### **Water In The Community**

Sakarya University actively supports the conscious use of water on campus and in society. Good water management lessons are given within the scope of Sakarya University lesson plans. These courses are open to all our students, and course grades can be accessed through the education information system. In addition to lecture notes, the university organizes public seminars on good water management. Projects developed by academics who are experts in good water management are financed from external sources, and public information meetings and seminars are organized to disseminate the project results.

Some student communities within the university organize events that draw attention to water saving. For example; Damla Student Community prepared a documentary about water saving and presented it in various districts of Sakarya. Additionally, there are reminder visuals in campus water usage areas to draw attention to water-saving use. In addition to incentive and information practices, there are water-saving devices at many points of the campus.

Sakarya University also supports water saving outside of campus. Sakarya University attaches importance to the protection of natural resources and proudly hosts studies in this field in the region. In the events organized by Sakarya University and attended by regional managers, current practices and risks are discussed, while suggestions for the protection of water resources are also discussed.

In this regard, modeling of energy and water management systems is carried out at the Test Bed Center within Sakarya University, which was opened in 2019. By modeling academic studies in a real environment, it is aimed to expand the knowledge of the country and increase initiatives on domestic and national production. In addition, our university organizes many R&D studies and promotional programs together with SASKİ, which provides water supply to Sakarya on a local scale. Sakarya University academics have regional and national research projects on water security. Findings obtained from regional projects are shared with regional management units and shed light on taking improvement actions.

# 7 AFFORDABLE AND CLEAN ENERGY



7 AFFORDABLE AND CLEAN ENERGY



## 7 AFFORDABLE AND CLEAN ENERGY

### University Measures Towards Affordable And Clean Energy

In line with the Responsible University policy, Sakarya University considers energy efficiency in all renovations or new constructions on the campus. The University's Construction Works and Technical Department carries out studies that include smart building features that will ensure energy efficiency in every renovation or new building work carried out on the campus. Energy-saving devices are used in the renovation works of existing buildings, and products that need to be renovated are replaced with energy-saving products. All these applications and the use of energy-saving devices are recorded and monitored by the Construction Works and Technical Department. No purchases are made for devices that are not energy efficient. At the same time, care is taken to include natural lighting and natural ventilation systems in building construction in order to save energy. All new buildings have an energy management unit and there are sensor devices (doors, lighting, reservoirs, taps, etc.) in the buildings. In addition, compliance with energy efficiency has been mandatory in all buildings constructed in Turkey since 2011.

Our university has plans to make existing buildings more energy efficient. When devices at Sakarya University malfunction or products need to be renewed, all technological devices are renewed with energy-saving models. At the same time, the buildings are maintained regularly every year by the Construction Works and Technical Department. The devices to be replaced during these maintenance works are renewed with electricity-saving models. 32 percent of the buildings at Sakarya University have smart building features. In these buildings; There are building management systems, fire and flood warning and alarm systems, energy management and monitoring panels, natural heating, ventilation, lighting applications, LED, sensors and natural light areas.

Sakarya University has renewable energy resources. Solar panels in new buildings meet the energy needs of buildings to a significant extent. Additionally, the energy obtained from wind turbines is used in laboratories. Sakarya University campus renewal is carried out with the aim of achieving smarter and greener buildings. While 80% of existing buildings are designed to benefit from natural daylight, 85% of the buildings have energy management centers, control and monitoring applications.

At Sakarya University, solar energy panels have been placed on the roofs of some buildings in order to benefit more from solar energy. In addition, solar panel lighting is used on campus roads, and ornamental plants and solar-powered street lamps are used for lighting purposes on campus. In addition, solar panels are placed on the renewed street lighting, thus enabling the use of solar energy in illuminating the campus.

Sakarya University has a process for carbon management and reducing carbon dioxide emissions. In addition, zero emission vehicle (ZEV) policy is also implemented at Sakarya University. Within the scope of carbon management, there are various practices and measures to monitor and reduce carbon dioxide emissions. The first of these are buses and minibuses that provide shuttle service within the campus. These buses serve as shuttle services within the campus. People can rent bicycles for transportation within the campus free of charge. Sakarya University has zero-emission vehicles and they are provided free of charge by the university. Students and staff can use the bicycles by giving their corporate ID

cards to the officer. These studies aim to raise awareness about the advantages of cycling. The last attempt is; It is the practice of restricting the entrance of vehicles to the campus and giving vehicles a fee and a limited number of badges per person.

Sakarya University generally follows various principles for energy saving and efficient use of energy in line with the Responsible University Policy. In this context; Applications related to the use of energy efficient devices, construction of smart buildings and equipping existing buildings with smart systems, increasing renewable energy sources, reducing annual electricity consumption, green building practices, carbon footprint measurement and reduction have been carried out. Energy consumption is recorded and reported through energy management systems in smart buildings at Sakarya University. Additionally, building-based energy consumption is monitored monthly. Units with high energy consumption are equipped with energy-saving devices that will reduce energy consumption within the scope of renovation works.

Sakarya University makes all of its energy investments in renewable energy sources. Energy efficient products come to the fore both in on-campus equipment investments and in investments in R&D projects. Sakarya University has more than thirty research centers and more than ten niche R&D laboratories. In these laboratories, research is carried out on the production of solar-powered vehicles and rechargeable battery technologies.

## **Energy and The Community**

Sakarya University works to inform the public about energy efficiency and clean energy. Some of these studies are seminars and trainings held within the university and open to the public. In addition, our student communities also carry out activities to inform the public about energy efficiency and savings. Many seminars, press conferences and events were held to inform the public about the importance of using clean energy sources for clean air. Faculty members have academic studies on the sources of air pollution and methods to prevent them.

Sakarya University supports its 100% renewable energy commitment. Information panels, seminars and conferences on renewable energy resources are organized at Sakarya University. In addition, research centers are supported with new devices and financial resources to conduct studies in the field of renewable energy resources. There is guidance and support provided by the scientific research projects coordinator for students and faculty members to carry out R&D studies in the field of renewable energy. Sakarya University shows the importance it attaches to the issue of climate change in every field and participates in climate change projects. In this context, Sakarya University participated in the Climate Change Adaptation Project.

<https://ardek.sakarya.edu.tr/tr/duyuru/goster/119810/iklim-degisikligine-uyum-misyonu-2023-cagrisi-acildi>

One of the areas where Sakarya University's R&D centers and research teams are strongest is renewable energy resources. The research and development studies of some research centers and academic units within the university are directly focused on the development

of relevant technologies and innovations in the fields of energy efficiency, clean and renewable energy. Among these centers, especially; Research and Development Application and Research Center and Sakarya Innovation Center are the centers where studies in this field are carried out. In addition, Sakarya University Advanced Technologies Application Community (SAİTEM), which is a technology application community consisting entirely of volunteer students, aims to carry out innovative projects in various technology fields, especially alternative energies, and creates an environment for the training of qualified individuals, actively carries out activities within the university. Projects carried out within SAİTEM; Sakarya Solar Car (SAGUAR), Sakarya Hydro Mobile (SAHIMO), Sakarya Solar Boat (SATEK), Sakarya University Electric Car (EVRİM), Sakarya Low Altitude Test Satellite (SATU).

<https://sargem.sakarya.edu.tr/tr/icerik/12375/58233/hakkimizda>

<https://saymer.sakarya.edu.tr/tr/icerik/18023/93748/hakkimizda>

<http://www.saitem.org/tr/>

<https://haber.sakarya.edu.tr/sau-2030larin-batarya-teknolojisini-gelistirecek->

Sakarya University prepares local, regional, national and global reports on clean energy and energy efficiency and shares its reports with decision makers. Our faculty members are involved in local and regional strategy development policies and decision-making processes. Additionally, regional, national and global projects and publications are produced.

[Doç. Dr. Yavuz: Yerli ve Milli Enerji En Doğru Strateji - Sakarya Üniversitesi Haber Sitesi](#)

[SAÜ'den Enerji Depolama Teknolojilerine Yeni Bir Yaklaşım - Sakarya Üniversitesi Haber Sitesi](#)

[SAÜ'de İklim Değişikliği Konuşuldu - Sakarya Üniversitesi Haber Sitesi](#)

["İklim Değişikliği ve Hisse Senedi Piyasaları" Semineri Düzenlendi - Sakarya Üniversitesi Haber Sitesi](#)

There are companies and entrepreneurs who conduct research and produce projects on energy efficiency in the incubation center at Sakarya University and Teknokent. Our university supports these entrepreneurs financially and with project mentoring programs. Material, laboratory or research support is provided for the project needs of companies and entrepreneurs.

<https://www.sakaryateknokent.com/firmalar>

# 8 DECENT WORK AND ECONOMIC GROWTH



## 8 DECENT WORK AND ECONOMIC GROWTH

### Employment Practice

At Sakarya University, which is a public university, the salaries of academic and administrative staff are determined by the government as a public institution. The government negotiates with the unions and reaches an agreement on determining the salary at the national level, taking into account annual inflation in the raise rate. At Sakarya University, the salaries of personnel are determined according to gender, religion, language, race, etc. It is determined centrally by the state, without discrimination. Individuals' salaries are determined only according to their seniority or hierarchical level, and the determined salary is valid in all public universities in the country. The net salary of all academic and administrative staff working at Sakarya University (excluding additional fees) is above the subsistence limit. Additionally, additional payments are made based on certain values such as the number of children. Academic staff are also provided with academic incentives and support according to their academic activities.

Sakarya University recognizes the union rights and labor rights of everyone, including women and international staff. At the same time, academic and administrative staff at Sakarya University have public employee rights. Employees' rights are determined as a result of negotiations between the government and unions. In addition, all employees are provided with annual leave, additional pay, promotions, raises, etc. fee is paid. The rights of every public official in these matters are the same and are valid in all public institutions throughout the country.

Within the scope of our university's Human Resources Management policy, it has determined its principles to prevent discrimination in the workplace. In accordance with the principles of ethical behavior applied at Sakarya University, employees are informed about their religion, sexual orientation, gender, age, etc. Classification and discrimination according to criteria is strictly prohibited. All employees at Sakarya University have the same rights, without any discrimination. These approaches are considered crimes and if detected, an investigation will be launched.

The rights of people working at Sakarya University are guaranteed by the Civil Servants Law No. 657. It is not possible to employ unregistered or illegal people at the university. Since Sakarya University is a state university, all academic and administrative personnel recruitments are announced to the public and candidates are determined by drawing lots in the presence of a notary. All academic personnel who meet the appropriate conditions for academic staff recruitment can apply to the announcement and the decision is taken by a jury appointed from different universities. Recruitment processes are carried out and recorded in a completely transparent and objective manner.

The rules regarding outsourcing services at Sakarya University are guaranteed by the procedures and principles regarding personnel employed within the scope of service procurement in public institutions. Accordingly, Sakarya University requires that all employees of institutions receiving outsourced services have equal rights. The university supervises companies that use outsourcing, and if the conditions are not met, the contract can be terminated unilaterally.

According to Sakarya University ethics committee rules and standards, individuals cannot be treated differently due to their gender under any circumstances, including the wage policy. Therefore, people cannot receive different wages because of their gender. At Sakarya University, pay scale equality is observed as individuals' wages are determined nationally, according to their authority or seniority. Sakarya University employees can submit their requests and complaints, identifying themselves or anonymously, through the quality management information system of our integrated management system. In addition, they can write their wishes and complaints on a piece of paper or print them out in the wish and complaint boxes in each unit. The identities of our employees are not recorded or stored by Sakarya University unless they request it.

## **Employment Policies**

Sakarya University opposes discrimination among employees, as in every field, and has determined and announced its Human Resources Policy accordingly. In this context, services are provided at the university regardless of characteristics such as age, gender, religious belief, and all practices are secured by the relevant legislation and the Sakarya University Human Resources Directive. Believing that it would be beneficial to use the power brought by diversity as support, Sakarya University is always open to different colors and diversity. When discrimination is detected on issues such as age, sexual orientation, ethnicity, etc., it will be considered a disciplinary offense and criminal sanctions will be applied. In this context, our policy aims to prevent discrimination.

Human Resources Regulations:

<https://www.mevzuat.gov.tr/MevzuatMetin/1.5.657.pdf>

<https://www.mevzuat.gov.tr/MevzuatMetin/1.5.2547.pdf>

<https://www.mevzuat.gov.tr/MevzuatMetin/1.5.2914.pdf>

SAU HR Policy:

<https://personel.sakarya.edu.tr/tr/icerik/13335/62287/insan-kaynaklari-politikasi>

SAU HR Directive:

[https://personel.sakarya.edu.tr/sites/personel.sakarya.edu.tr/file/SAU.\\_Insan\\_Kaynaklari\\_Yonergesi\\_-2018\\_\\_.pdf](https://personel.sakarya.edu.tr/sites/personel.sakarya.edu.tr/file/SAU._Insan_Kaynaklari_Yonergesi_-2018__.pdf)

# 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



## 9 INDUSTRY INNOVATION AND INFRASTRUCTURE

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### Sakarya Technocity

Sakarya University's largest subsidiary is Sakarya Technocity. The biggest partner of Sakarya Technocity is Sakarya University.

Sakarya Teknokent A.Ş. was established in 2009 in accordance with the decision of the Council of Ministers, which came into force after being published in the Official Gazette dated 27.08.2008 and numbered 26980, and started its activities in 2010. Partners of Sakarya Teknokent A.Ş.; It consists of Sakarya University, Sakarya Metropolitan Municipality, Adapazarı Municipality, Serdivan Municipality, Sakarya Chamber of Commerce and Industry, Sakarya Commodity Exchange and Sakarya University Foundation. Sakarya Teknokent, the only Technology Development Zone in Sakarya province, provides services in three separate buildings within the approximately 50,000 m2 area allocated as Technology Development Zone within the borders of Sakarya University. In blocks A, B and D, there are a total of 103 offices for the use of R&D companies, as well as 1 conference hall, 2 VIP meeting rooms, 2 meeting rooms, 3 administrative offices, 1 exhibition area and 1 restaurant. The ROSEM building, which serves as an incubation center, has a total of 32 offices, 1 meeting room and 1 conference hall. The total closed service area of the four buildings is approximately 5,659 m2. A total of 103 companies operate in Sakarya Teknokent, 30 of which were founded by faculty members. These companies have successfully completed 273 projects so far and continue to work on new projects.

Detailed information about Sakarya Technocity can be accessed at <https://www.sakaryateknokent.com/>.

### Innovative Projects

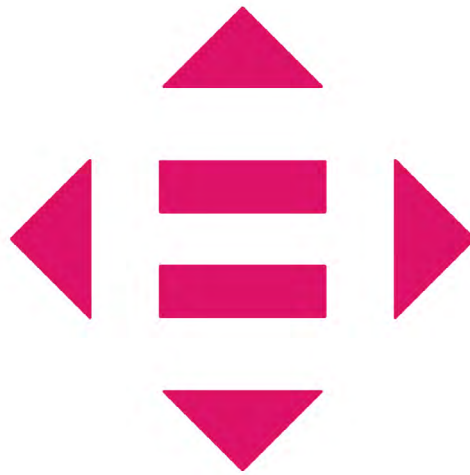
Sakarya University manages all its projects within the scope of research and development process. All research and development projects are carried out by the university's faculty members and students in more than thirty application and research centers and more than ten research laboratories. The university supports its innovative projects through its own financial resources (Scientific Research Projects supports) or external supports (such as TÜBİTAK, EU, government institutions). Current information about the university's projects and supports provided can be found at <https://bapk.sakarya.edu.tr/>.

### Industry Collaboration

Sakarya University has more than thirty research centers and more than ten research laboratories. In addition, research studies are carried out within the incubation center and Technocity. In these areas, project-based or commercialized product-based income is generated. Sakarya University has many commercialized products.



# 10 REDUCED INEQUALITIES



**10 REDUCED INEQUALITIES**

## 10 REDUCED INEQUALITIES

### Measures Against Discrimination

Non-discrimination in the recruitment of students, administrative staff and academicians of Sakarya University is guaranteed by the legislation to which the university is bound and the Ethical Principles and policies adopted. According to these rules, which are meticulously implemented by the Sakarya University Ethics Committee, there is no discrimination between individuals based on various characteristics. Positive discrimination is applied beyond the quota requirement determined by the state only in the recruitment of disabled students and personnel. The staff for disabled personnel is determined outside the main staff.

Sakarya University monitors the applications and acceptance of minority groups. At Sakarya University, students in groups can be qualified as minorities in various ways, such as international students, disabled students, non-traditional students, and low-income students. The distinction between these groups is known only by the Dean of Students. Even the disabled student unit does not contact the student unless the student declares himself. There are different quotas for international students and disabled students. No discrimination is made for students outside of these groups. Nevertheless, there are minority groups among student societies, and they organize activities that add color and variety to Sakarya University throughout the year.

The university does not consider discrimination such as sexual orientation, gender, religion, language and race as differences and does not implement a different policy towards these people. There are different quotas and support programs for international students, students with disabilities, staff/faculty and low-income students. A different public personnel selection examination is applied for the disabled, and the quota is also different.

Disciplinary regulations, investigation regulations, and regulations on disabled students in Sakarya University include discrimination or harassment cases as a crime. Details of the investigation and criminal sanctions regarding these crimes are published publicly.

The ethical rules and equitable approach applied at Sakarya University are under the control and management of the ethics committee assigned and authorized by the university administration. There is also a support and counseling unit for the disabled. Sakarya University Disabled Student Unit aims to determine the needs of disabled students regarding education, training, scholarship, administrative, physical, housing, social, and similar areas while continuing their education. The unit determines the measures to be taken to meet these needs, proposes solutions to eliminate them, and makes the necessary arrangements to coordinate with other units or departments at the university. It develops programs and projects, organizes seminars, conferences, and similar activities to increase awareness and sensitivity in disability. Sakarya University offers many services such as accessible support for disadvantaged groups, psycho-social and academic counseling, scholarship services, peer support, mentoring support, and course partnership. These services are carried out by the disabled student unit.

There are elevators in faculty and administrative buildings in order to expand the transportation area of the disabled. Also, there are single chairs at the entrance of the faculties. There is

a perceptible line (visually impaired path) on the floor for visually impaired individuals. It is ensured that all lessons of disabled students are held in classrooms with the highest accessibility. The disabled student unit carries out the coordination of this process.

Disabled individuals are provided with devices suitable for their disabilities or many facilitating services such as personal assistant, peer support, mentor support, and course partnership. We offer embossed documents for the visually impaired or visual materials for the hearing impaired. Also, the device needs of our disabled students with low income are met by Sakarya University. Among the products offered to our disabled students, there are devices and software such as book reading machines, embossing printer, screen reader program, screen enlarging program, relief screen.

The Disabled Student Unit offers scholarship opportunities for disabled students. Also, free transportation, accommodation and nutrition services are provided for low-income students. Care is taken to ensure that the accommodation and education areas of disabled students are easily accessible in terms of transportation. The application procedures and principles that provide positive discrimination for disabled students are publicly published on our legal consultancy website. As a result of all these practices, Sakarya University was awarded with the Barrier-Free University Flag and Badges by the Council of Higher Education. Sakarya University has 42 Flags and 5 Decals as of 2022.

# 11 SUSTAINABLE CITIES AND COMMUNITIES



**11 SUSTAINABLE CITIES AND COMMUNITIES**

## 11 SUSTAINABLE CITIES AND COMMUNITIES

### Support Of Arts And Heritage

Sakarya University campus is open to public access. Security at the entrances and exits is provided by camera recording systems and license plate recognition systems. Individuals can access the buildings or green areas, parking lots and natural areas at Sakarya University.

The library located on the Sakarya University campus is open to public access. Individuals can come to the library building and benefit from the books and publications there. In addition, people can benefit online from the digital resources of which the library is a member, without coming to the library building.

Conferences, conferences, panels and seminar events held at Sakarya University are open to public access. Additionally, the exhibitions and art galleries opened by the Faculty of Art, Design and Architecture are open to public access and participation (<https://stmf.sakarya.edu.tr/tr/tr>). Concerts and various art shows are organized regularly every year by the State Conservatory within Sakarya University (<https://dk.sakarya.edu.tr/tr>). Theater and art shows prepared by Sakarya University are free of charge. Sakarya University events are announced on the Sakarya University website and social media accounts (<https://haber.sakarya.edu.tr/kategori/etkinlik>). Private and public theaters can also use halls at the convention center.

Sakarya University carries out projects to record and/or preserve intangible cultural heritage such as local folklore, traditions, language and knowledge. For example; With the "Sakarya Cuisine from Soil to Table" project carried out jointly by the faculty members of the university and the Sakarya Chamber of Commerce and Industry, the dishes that were about to be forgotten in the region were recorded and later turned into an award-winning book (<https://www.kitaptansanattan.com/topraktan-sofraya-sakarya-mutfagi/>). In addition, many shows or events are organized at Sakarya University in order to disseminate the cultural heritage with active local and international roots. Art groups and student societies at Sakarya University organize shows or exhibitions and seminars about our local cultural heritage.

### Sustainable Practices

Sakarya University monitors its practices in the field of sustainability by setting targets at the level of all its units within the scope of its Strategic Plan. One of the strategic goals of the university is determined especially in the field of social contribution and sustainability. It carries out many actions to achieve these goals. It regularly monitors the success of all these actions and targets through the Corporate Management Information System. In this context, sustainability criteria such as carbon footprint and community activities are also monitored.

Sakarya University attaches importance to measures and activities to reduce carbon emissions within the campus for more sustainable transportation (<https://haber.sakarya.edu.tr/trafik-ve-estetik-komisyon-kuruldu-h112904.html>). Carbon footprint is measured and monitored regularly. To reduce carbon emissions, there are alternatives such as widening walking paths, pedestrian priority crossing areas, free bicycle applications, free minibuses and bus services.

Sakarya University has four different transportation initiatives aimed at reducing private

vehicles on campus. The first of these are buses and minibuses that provide shuttle service within the campus. There is no fee charged from people, and it is free for people who board the bus after it enters the campus area. People can also rent bicycles for free for transportation around campus. Students and staff can use the bicycles by giving their corporate ID cards to the officer. There are also bicycle parking areas in all parking lots and in the few buildings that have any parking spaces. Sakarya University has zero-emission vehicles and they are provided free of charge by the university. In order to restrict the number of vehicles entering the campus, vehicles are tracked with banderols and high banderol fees are applied.

Sakarya University was supporting remote working and distance education alternatives before Covid measures were implemented in 2020. Sakarya University is the first university to launch distance education programs in Turkey; It has been developing technologies, making investments and running programs in the field of distance education since the 1990s. During the pandemic period, thanks to its experience in this field, it played a leading and educational role in providing infrastructure support to other universities at the national level. Both students and educators can work remotely within the Sakarya University distance education center.

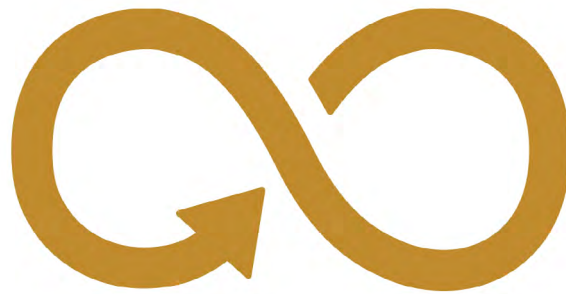
Although public institutions are restricted from owning lodging in Turkey, Sakarya University offers affordable lodging opportunities to its employees. Administrative and academic employees can benefit from the lodging areas located at various points of the university campus for a small rental fee. The Housing Regulations, in which the university determines the rules regarding the use of these residences, have been announced on the university's website. Employees submit their housing requests through the information system.

Accommodation services for students in Turkey are carried out centrally by the Turkish Credit and Hostels Institution, and universities are prohibited from providing this service. For this reason, Sakarya University students can benefit from the dormitories of the Turkish Credit and Dormitories Institution, located close to the campus, for very low fees or with scholarships. Apart from this, there are also paid private dormitories located in the campus area.

It prioritizes pedestrian access within the university's campus. Pedestrian priority rule is applied in all areas within the campus. Warning signs and traffic signs remind pedestrian priority on the roads.

Particular attention is paid to ensure that the new buildings constructed at Sakarya University have smart building features at sustainable standards. WorldGBC standards are followed in smart building features. 32 percent of the buildings at Sakarya University have smart building features. There are building management systems, fire and flood warning and alarm systems, energy management and monitoring panels, natural heating, ventilation, lighting applications, LED, sensors and natural light areas. The university's investment plans include new buildings and laboratory construction that will produce the energy it needs. Sakarya University has renewable energy resources. Solar panels in new buildings meet the energy needs of buildings to a significant extent. Additionally, the energy obtained from wind turbines is used in laboratories. For now, 80 percent of the buildings are designed to benefit from natural daylight. 85% of buildings have energy management centers and relevant personnel for control and monitoring. In addition, 90% of the durable consumer goods at Sakarya University consist of energy-saving devices; LED lighting is used in 55% of lighting devices.

# 12 RESPONSIBLE CONSUMPTION AND PRODUCTION



**12 RESPONSIBLE CONSUMPTION AND PRODUCTION**

## 12 RESPONSIBLE CONSUMPTION AND PRODUCTION

### Operational Measures

Nutrition, canteen and cafeteria services at Sakarya University are carried out by the 'Cafeterias and Enterprises Branch Directorate'. Food service is provided to all students at the university. Meals prepared after 'ISO 9000-9002 HACCP' and 'TSE' checks are prepared under the supervision of expert dietitians, by calculating the calorie requirement according to the season, and each month's meal menu is published. A total of 32 canteens provide service within the university, including the Campus Cafeteria. In addition, restaurants located in the center of the campus offer budget-friendly meal options that comply with the specified standards. In addition, the purchasing conditions for the meals served at Sakarya University comply with ethical conditions and are carried out in accordance with the directive regarding outsourcing services in public institutions. Nutrition, canteen and cafeteria services are constantly inspected by food engineers and dietitians.

Sakarya University aims to prevent environmental pollution, reduce waste generation, leave a cleaner and more livable environment for future generations and provide added value to the economy. He participated in the Zero Waste movement initiated by the Ministry of Environment, Urbanization and Climate Change. In this direction, in accordance with the Zero Waste Regulation, Sakarya University Zero Waste Directive was defined in 2019 and Zero Waste Coordination was established (<https://sifiratik.sakarya.edu.tr/tr>). The University's Responsible University policy also includes the Zero Waste policy implemented by the university institutionally. Practices in line with the university's zero waste policy are carried out by the Zero Waste Coordination Office. Implementation and monitoring of waste management legislation is the responsibility of the Zero Waste Coordination Board established within the university (<https://sifiratik.sakarya.edu.tr/tr/personel-liste/20386/105142/sifiratik-koordinasyon-kurulu>). Within the scope of Sakarya University's zero waste policy, the amount of recycled waste is measured using regular landfills regarding waste disposal. Sakarya University follows a legal method in waste disposal within the scope of zero waste regulation. The amounts of disposed and recycled waste according to their types are recorded monthly. The university was entitled to receive a Zero Waste Certificate by the relevant ministry in 2019, thanks to its practices within the scope of the Zero Waste policy.

In accordance with the zero waste policy within the scope of Sakarya University Zero Waste Management; Studies are carried out to regularly collect, store, dispose of and quantitatively monitor waste by classifying it as hazardous waste. Hazardous waste generated in laboratories and administrative buildings is stored in accordance with the Waste Management Regulation and Hazardous Waste Management Guide and sent to a licensed waste incineration and evaluation company. A temporary storage area was built to store hazardous waste for 180 days in accordance with the relevant regulation. In addition, hazardous waste such as batteries and printer cartridges are collected and recycled. The resulting medical waste is collected in accordance with the Medical Waste Control Regulation and delivered to the licensed Medical Waste Sterilization Facility.

Sakarya University also has practices to minimize the use of plastic and disposable products within the scope of its zero waste policy. In areas such as cafes, cafeterias, canteens and teahouses, presentations are made with durable materials instead of disposable or plastic



products and their use is encouraged. In addition, these policies are stated among the rules that companies providing services in the field of plastic use must comply with in their service purchasing agreements.

The implementation of the procedures and principles regarding zero waste management also includes our supplier companies and the businesses from which we purchase services. These rules are included in the companies' contracts.

Various programs such as training, information meetings, promotional events and competitions are implemented by the Zero Waste Coordination Office and the Department of Environmental Engineering in order to raise awareness about the classification and recycling of waste (<https://sifiratik.sakarya.edu.tr/tr/icerik/21278/110815>). [/zero-waste-awareness-competition](#)).

### **Proportion Of Recycled Waste**

The amounts of disposed and recycled waste according to their types are recorded monthly. Waste amounts and recycling values are presented in the indicators menu on a yearly basis.

### **Publication Of Sustainability Report**

The sustainability report is prepared annually and is publicly published on our website. The sustainability report can be revised once a year if needed.

# 13 CLIMATE ACTION



**13 CLIMATE ACTION**

## 13 CLIMATE ACTION

### Low Carbon Energy Use

Sakarya University has been monitoring carbon emissions by measuring them regularly since 2010. As of 2020, the Responsible University has preferred the use of low-carbon energy and renewable energy resources in order to reduce carbon emissions in line with its policy and relevant strategic objectives. The university provides energy production through solar energy and wind energy. In addition, the source used for heating purposes is natural gas.

### Environmental Education Measures

Sakarya University organizes training programs, compulsory and elective courses, public seminars and panels to reduce the risks and impacts of climate change in line with its responsible university policy. All courses carried out especially by the Department of Environmental Engineering are programs within this scope and are open to all other programs as university common courses. In addition, postgraduate education programs run by the relevant department include courses that people from outside the university can attend. In addition to these, open lectures, seminars, information sessions, etc. are held for the society. events are also held. Our student communities carry out various activities on climate change. In addition, our faculty members have scientific studies and projects in this field.

Sakarya University contributes to local, regional and national planning for climate change disasters. In this context; University faculty members inform and support local or regional governments on local climate change disaster/risk early warning and monitoring issues. In addition, Sakarya University organizes public information events in cooperation with NGOs on climate adaptation. It supports decision makers with many materials, from projects to reports, from analyzes to academic publications.

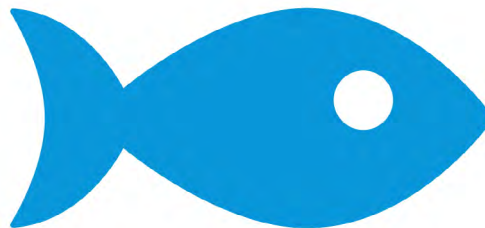
<https://sesam.sakarya.edu.tr/tr/duyuru/goster/98044/sesam-iklim-degisikligine-uyum-projesinde-yerini-aldi>

<https://saymer.sakarya.edu.tr/tr/personel-liste/19489/99970/iklim-degisikligi-ve-surdurulebilirlik-calisma-grubu>

### Commitment To Carbon Neutral University

In line with Turkey's national targets, Sakarya University has set the goal of becoming carbon neutral by 2053.

# 14 LIFE BELOW WATER



**14 LIFE BELOW WATER**

## 14 LIFE BELOW WATER

### Supporting Aquatic Ecosystems Through Education

Since Sakarya University campus is located on the shores of Sapanca Lake, a fresh water source, and there are many different water resources in Sakarya Province, the field of study of some of the faculty members of the Environmental Engineering Department of the university is aquatic ecosystems, aquaculture and sustainability. In this context; Many training programs are carried out and events are organized on freshwater ecosystems, fisheries, aquaculture and sustainable management.

<https://cevre.sakarya.edu.tr/tr/duyuru/goster/117927/seminerler-serisi-2-cevre-ve-surdurulebilirlik-ve-3-izmit-korfezi-orneginde-hedef-saglikli-bir-ekosistem>

<https://cevre.sakarya.edu.tr/tr/duyuru/goster/118124/seminer-4-ve-seminer-5-geri-kazanim-suyu-ve-hidrolik-modelleme-ve-su-kayiplarinin-azaltilmasi>

<https://cevre.sakarya.edu.tr/tr/duyuru/goster/117844/surdurulebilir-ekosistem-gunleri-seg-kongresi>

<https://ebs.sabis.sakarya.edu.tr/Ders/Detay/594185>

<https://ebs.sabis.sakarya.edu.tr/Ders/Detay/594186>

<https://ebs.sabis.sakarya.edu.tr/Ders/Detay/594207>

<https://ebs.sabis.sakarya.edu.tr/Birim/DersPlan/259>

<https://ebs.sakarya.edu.tr/Ders/Detay/552640>

### Supporting Aquatic Ecosystems Through Action

Our university has a policy of ensuring that food on campus is sustainably harvested from aquatic ecosystems. According to the cafeteria agreement rules, food must be obtained from aquatic ecosystems with sustainable harvest opportunities.

Our university works directly to protect and expand existing ecosystems and biodiversity of plants and animals, especially threatened ecosystems. In Sakarya University plant and tissue laboratory, direct studies are carried out to protect and expand the existing ecosystems and biological diversity of plants and animals.

Our university works directly to maintain and extend existing ecosystems and their biodiversity, of both plants and animals, especially ecosystems under threat. In the plant and tissue laboratory of Sakarya University, direct studies are carried out to protect and expand the existing ecosystems and biological diversity of plants and animals (<https://sargem.sakarya.edu.tr/tr/icerik/16093/82737/arastirma-konulari>).

Direct studies are carried out by the University's Environmental Engineering Department and Civil Engineering Departments on technologies or applications that enable them to minimize or prevent damage to aquatic ecosystems.

[https://cie.sakarya.edu.tr/sites/cie.sakarya.edu.tr/file/SU\\_YAPILARI.pdf](https://cie.sakarya.edu.tr/sites/cie.sakarya.edu.tr/file/SU_YAPILARI.pdf)

<https://cevre.sakarya.edu.tr/tr/icerik/14526/71956/su-ve-atiksu-aritma-sistem-tasarimi>

<https://scosansu.sakarya.edu.tr/tr/apersonel/akademik#akademik-31>

## **Water Sensitive Waste Disposal**

Wastewater generated within the campus is treated in treatment facilities in line with the agreement of the Metropolitan Municipality. Wastewater passes through primary purification filters before being discharged. There are oil filters in the waste water discharge channels in areas where oily waste occurs, such as cafeterias. Work is being carried out with the water and sewerage administration (SASKİ) affiliated to the metropolitan municipality to prevent wastewater from mixing with the clean water network. On the other hand, since Sakarya is located in the first degree earthquake zone, wastewater channels need to be protected against possible earthquake risks; A steel transmission line was laid by Sakarya Metropolitan Municipality in the region where Sakarya University is located. Despite these measures, filters are used in all wastewater discharge areas to minimize the damage that may occur due to contamination.

## **Maintaining A Local Ecosystem**

Since Sakarya University campus is located on the shores of Sapanca Lake, a fresh water source, and there are many different water resources in Sakarya Province, the field of study of some of the faculty members of the Environmental Engineering Department of the university is aquatic ecosystems, aquaculture and sustainability. Within the scope of these studies, Sakarya University carries out many projects on this subject, as well as monitoring the health of aquatic ecosystems with local stakeholders.

<https://cevre.sakarya.edu.tr/tr/duyuru/goster/117927/seminerler-serisi-2-cevre-ve-surdurulebilirlik-ve-3-izmit-korfezi-orneginde-hedef-saglikli-bir-ekosistem>

<https://cevre.sakarya.edu.tr/tr/duyuru/goster/118124/seminer-4-ve-seminer-5-geri-kazanimsuyu-ve-hidrolik-modelleme-ve-su-kayiplarinin-azaltilmasi>

<https://cevre.sakarya.edu.tr/tr/duyuru/goster/117844/surdurulebilir-ekosistem-gunleri-segkongresi>

<https://scosansu.sakarya.edu.tr/tr/apersonel/akademik#akademik-31>

Our university collaborates with the local community in efforts to maintain common aquatic ecosystems. The most prominent among these collaborations are; Works carried out with Sakarya Metropolitan Municipality, Sakarya Governorship, Sakarya Water and Sewerage Administration (SASKİ) are coming.

# 15 LIFE ON LAND



**15 LIFE ON LAND**

## 15 LIFE ON LAND

### Supporting Land Ecosystems Through Education

Activities that promote the protection and sustainability of forests and landscapes are organized at Sakarya University. Events and seminars are organized that emphasize the importance of green for the protection of nature. Our student communities also work actively and carry out awareness activities on the protection and sustainable use of spaces.

In agreements made with companies that sell food or provide cafeteria services at the university, there is a directive to choose products grown with sustainable agricultural methods. In this way, sustainable agriculture is supported by creating a policy that includes the companies from which services are purchased and other supply chain stakeholders.

Our university works directly to protect and expand existing ecosystems and biodiversity of plants and animals, especially threatened ecosystems. In Sakarya University plant and tissue laboratory, direct studies are carried out to protect and expand the existing ecosystems and biological diversity of plants and animals (<https://sargem.sakarya.edu.tr/tr/icerik/16093/82737/arastirma-konulari>).

Sakarya University offers educational programs on ecosystems for local and national communities. Sakarya University has many educational programs for the ecosystem. Participation in educational programs is open to the public.

<https://ebs.sakarya.edu.tr/Ders/Detay/594168>

[https://cevre.sakarya.edu.tr/tr/5786/ebs\\_bolum\\_lisans](https://cevre.sakarya.edu.tr/tr/5786/ebs_bolum_lisans)

### Supporting Land Ecosystems Through Action

Within the scope of the Responsible University Policy, Sakarya University has targets to improve education, health conditions, renewable energy, people-oriented social development, reduction of inequalities, human development, responsible consumption and production, taking into account environmental protection principles. Targets and performance indicators for this purpose are recorded and monitored every six months.

Sakarya University aims to build smart buildings that use sustainable energy sources to build new buildings. For this purpose, buildings with natural ventilation and natural lighting are constructed. Considering the climatic conditions of the region, mostly pine and cedar trees were planted on the campus. These trees are among the vegetation that does not require much irrigation and is suitable for the humid climate conditions of the region. Sakarya University has a policy of reducing species that harm agricultural conditions in the region. As a region with highly suitable soil for agriculture, efforts are being made to control the spread and development of alien species that damage farmers' crops. The university collaborates with the local community in efforts to maintain common land ecosystems. Sakarya University works in cooperation with recycling enterprises, waste disposal enterprises, water and sewerage administrations.



## Land Sensitive Waste Disposal

Sakarya University has water quality standards and guidelines on water discharge. Before water discharge, waste oil filters are used to prevent waste oils from threatening the nature. In addition, wastewater recovery processes are implemented in cooperation with Sakarya Water and Sewerage Administration (SASKİ) for the recycling of wastewater.

Sakarya University also has practices to minimize the use of plastic and disposable products within the scope of its zero waste policy. In areas such as cafes, cafeterias, canteens and teahouses, presentations are made with durable materials instead of disposable or plastic products and their use is encouraged. In addition, these policies are stated among the rules that companies providing services in the field of plastic use must comply with in their service purchasing agreements.

In accordance with the zero waste policy within the scope of Sakarya University Zero Waste Management; Studies are carried out to regularly collect, store, dispose of and quantitatively monitor waste by classifying it as hazardous waste. Hazardous waste generated in laboratories and administrative buildings is stored in accordance with the Waste Management Regulation and Hazardous Waste Management Guide and sent to a licensed waste incineration and evaluation company. A temporary storage area was built to store hazardous waste for 180 days in accordance with the relevant regulation. In addition, hazardous waste such as batteries and printer cartridges are collected and recycled. The resulting medical wastes are collected in accordance with the Medical Waste Control Regulation and delivered to the licensed Medical Waste Sterilization Facility (<https://sifiratik.sakarya.edu.tr/>).

<https://haber.sakarya.edu.tr/bitkiler-sakarya-universitesinde-filizleniyor-h83861.html>

<https://www.yenisakarya.com/gundem/binlerce-bitki-turu-bu-laboratuvarda-filizleniyor-h43006.html>

<https://yesilkampus.sakarya.edu.tr/tr/icerik/20506/106669/flora>

# 16 PEACE, JUSTICE AND STRONG INSTITUTIONS



**16 PEACE, JUSTICE AND STRONG INSTITUTIONS**

## 16 PEACE, JUSTICE AND STRONG INSTITUTIONS

### University Governance Measures

Student participation at Sakarya University is provided in various ways. As in all universities in Turkey, there is a Student Council formed by students elected through the Student Representation System (<https://www.sakarya.edu.tr/senato-s12.html>). The student representative is also a natural member of the university Senate. In addition, Sakarya University has further strengthened student participation by establishing a Student Senate (<https://ogrsen.sakarya.edu.tr/tr>). Participation is also provided with student members of the university's Quality Commission (<https://saudek.sakarya.edu.tr/tr/personel-liste/15394/3246/sau-kalite-komisyonu>). Academicians participate in the Senate and unit Boards through representatives.

The Student Council is an independent student body led by the president elected from among the elected members of the units. In addition, with the formation of the Student Senate, the university has ensured the representation of different student groups (<https://ogrsen.sakarya.edu.tr/tr>). In the Student Senate, there are different student groups such as foreign students, students with disabilities, female students, successful students, as well as members of the Student Council.

[https://ogrdek.sakarya.edu.tr/sites/ogrdek.sakarya.edu.tr/file/Y%C3%96NERGELER/SAU\\_%C3%96%C4%9Frenci\\_Senatosu\\_Y%C3%B6nergesi-17\\_9\\_2019.pdf](https://ogrdek.sakarya.edu.tr/sites/ogrdek.sakarya.edu.tr/file/Y%C3%96NERGELER/SAU_%C3%96%C4%9Frenci_Senatosu_Y%C3%B6nergesi-17_9_2019.pdf)

Sakarya University's written policies and procedures for identifying and communicating with local stakeholders are specified in the strategic plan and monitored with performance indicators. Sakarya University has Advisory Boards established on the basis of all units to ensure the involvement of local residents, local government, local private sector and local civil society representatives.

Academic freedom is defined within the institutional core values of the university and shared with its stakeholders. The core values of the university are determined by taking the opinions of stakeholders within the scope of the preparation of the strategic plan. Our academics are free to work in the field they want. As can be understood from the appointment and promotion policy, there is no field guidance. In accordance with corporate transparency, which is included in the university's corporate values, the university regularly publishes its financial and non-financial data and reports through its corporate web pages.

Sakarya University provides and supports the appointment of experts at national, regional and local levels by the decision of the university board of directors. The Technology Transfer Office structure within Sakarya Teknokent was created to facilitate the knowledge transfer of academicians. Academicians of the university offer their expertise in this context by appointing experts.

Sakarya University has Advisory Boards established on the basis of all units to ensure the involvement of local residents, local government, local private sector and local civil society representatives.

## Working With Government

Sakarya University provides advice on its expertise by being appointed as a consultant to government agencies and policy-making organizations at local, regional and national levels. Sakarya University provides and supports the appointment of experts at national, regional and local levels by the decision of the university board of directors. The Technology Transfer Office structure within Sakarya Teknokent was created to facilitate the knowledge transfer of academicians. Academicians of the university offer their expertise in this context by appointing experts.

Academicians of Sakarya University take part in the projects of the Scientific and Technological Research Council of Turkey (TÜBİTAK), which is the largest funding institution for the largest research projects in Turkey. In addition, there are projects and joint research activities carried out with different government institutions.

### Governance Measures

<https://ogrsen.sakarya.edu.tr/>

### Student Senate

<https://ogrdek.sakarya.edu.tr/>

<https://kms.kaysis.gov.tr/Home/Goster/62129?AspxAutoDetectCookieSupport=1>

<https://sbe.sakarya.edu.tr/tr>

<https://ortadogu.sakarya.edu.tr/tr>

<https://gsb.sakarya.edu.tr/tr>

<https://fbe.sakarya.edu.tr/tr>

<https://egitim.sakarya.edu.tr/tr>

<https://sesam.sakarya.edu.tr/>

<https://etkinlik.sakarya.edu.tr/etkinlik-4577-sau-kitap-soylesileri-quot-uluslarin-ruhu-quot-uzerine-uluslararasi-siyasal-iletisim-sohbetleri.html>

# 17 PARTNERSHIPS FOR THE GOALS



**17 PARTNERSHIPS FOR THE GOALS**

## 17 PARTNERSHIP FOR THE GOALS

### Relationships To Support The Goals

Sakarya University, institutionally and through its academics, is directly involved in the development of the national government's Sustainable Development Goals policy; this includes identifying problems and challenges, developing policies and strategies, modeling possible futures with and without intervention, monitoring and reporting interventions, and ensuring adaptive management.

<https://etkinlik.sakarya.edu.tr/etkinlik-4696-kuresel-isinma-ve-surdurulebilirlik.html>

Sakarya University initiates, provides a platform and participates in intersectoral dialogue about the Sustainable Development Goals institutionally and through its academics. The University participates in international collaborations to collect or measure data for the Sustainable Development Goals. Through international collaboration and research, Sakarya University reviews comparative approaches and develops international best practices in tackling the Sustainable Development Goals. As an institution, Sakarya University cooperates with NGOs to combat the Sustainable Development Goals.

### SDG reports

Sakarya University monitors the practices and criteria within the scope of the Sustainable Development Goals, reports regularly and announces them on the relevant web pages. While some of these practices are based on SDGs and are reported separately, the university's general report is also published separately.



# SUSTAINABLE DEVELOPMENT GOALS 2022

## SUSTAINABILITY REPORT

Application Document



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