Yeditepe University Sustainability Report

2022 2023













YEDİTEPE UNIVERSITY

YEDITEPE UNIVERSITY SUSTAINABILITY REPORT

This report documents Yeditepe University's efforts in promoting environmental awareness and sustainability while highlighting its progress through various sustainability indicators. Yeditepe University has been committed to improving its environmental performance since it was founded in 1996.

Yeditepe University, within the framework of the "Sustainable Environmental Policy", has adopted continuous improvement as a pioneering educational institution aiming for international recognition and respectability in the fields of education, scientific research, and social service while focusing on environmental awareness and sustainability issues. Yeditepe University has identified its activities and goals in line with the Sustainable Environmental Policy.

In line with these objectives, we plan to become a leading educational institution at the national and international level with studies on "Environment and Sustainability" issues. We aim to increase social awareness by introducing these studies and practices within the scope of service to society. The demonstration of sustainability efforts in various areas has been identified as a priority in order to create a sustainable campus life. Environmental issues were taken into consideration in all academic and administrative decisions as well as activities at Yeditepe University.

At the international level, Yeditepe University has initiated networking activities to take part in global collaborations with sustainable universities and to continuously improve the University's sustainability programs and policies, as well as to raise awareness of sustainability issues in the regional context. Firstly, by becoming a member of the UI GreenMetric World University Rankings Network (UIGWURN) in 2017, the University became part of a global network of universities concerned with sustainability. Secondly, we joined the "International Sustainable Campus Network" (ISCN) system, and related studies were initiated.

UI GreenMetric is recognized as the world's first rating agency for sustainability. The UI GreenMetric World University Rankings evaluates and compares the sustainability efforts at university campuses worldwide. The evaluation platform was established by the University of Indonesia in 2010, which evaluates participating universities every year. GreenMetric is a platform that promotes internationalization, raises awareness of sustainability, and tries to attract global awareness of environmental issues. It is open to the participation of all higher education institutions in the world. Every year, many universities from different countries are evaluated by GreenMetric in areas such as infrastructure, energy and climate change, wastes, water resources, transportation, and education are scored for each assessment category, and as a result, higher education institutions are ranked according to their total scores from these evaluations. The

evaluation is carried out by a team of experts from the University of Indonesia.

Every year, UI GreenMetric organizes an international workshop to establish global cooperation to shape the policy for higher education and research on the sustainability issues that have a significant impact on the world, and to discuss solutions to regional and global sustainability challenges. UI GreenMetric has organized the 4th International GreenMetric Workshop (IWGM) in cooperation with Diponegoro University between 8-10 April 2018 at Semarang in Indonesia. The theme of the 4th International GreenMetric Workshop organization has been determined as "Universities, Impacts, and Sustainable Development Goals (SDGs)". At the platform established for the workshop, the universities have shared their best practices on "Sustainability". Yeditepe University has participated in the international workshop organization.



4th International GreenMetric Workshop Organization

In addition, UI GreenMetric encourages a national workshop to be held in each country annually by the member universities. On 4-5 October 2019, the 2nd National Workshop on UI GreenMetric World University Rankings for Turkish Universities was held in Zonguldak Bülent Ecevit University. The workshop aims to form a national platform to share the experiences and best practices about the sustainability of the universities and the GreenMetric expert members. Yeditepe University has participated in the workshop organization with its valuable contribution.

Yeditepe University has participated in the UI Grenmetric World University Rankings every year since 2017. The results of UI GreenMetric World University Rankings, which Yeditepe University applied for the sixth time in 2022, were announced in December. 1050 universities from 85 countries around the world participated in the assessment. Among the 83 participating universities from Turkey, Yeditepe University ranked 2nd among foundation universities, 6th in overall Turkey, and 106th across the world. In October 2023, Yeditepe University applied the UI GreenMetric World University Rankings for the seventh time. The number of participating universities increases every year, and the results will be announced in December 2023.

Yeditepe University evaluates its activities on "Sustainability" in 6 main categories:

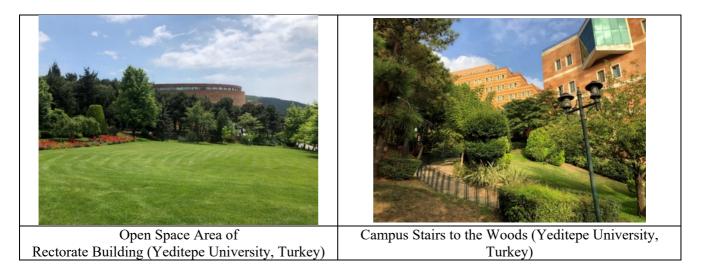
Campus Setting and Infrastructure

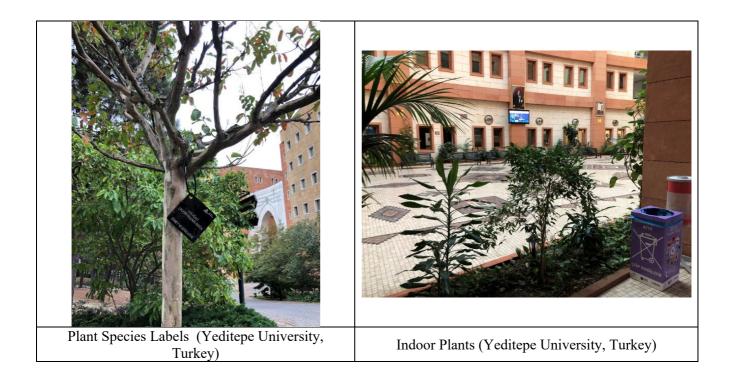
Sustainability criteria are applied in structural elements and green areas at the Yeditepe University Campus. All campus buildings have green building features such as natural ventilation, full-day natural lighting, and an energy management system.

Green areas within the campus take up a large space. Sustainability criteria are used in the design, maintenance and application of green areas. Besides, Yeditepe University also conducts studies to create an Arboretum. The development and protection of plant material are continued every year in the Arboretum and the campus landscaping area.



Yeditepe University has an outstanding campus landscape which has been recognized as one of the greenest university campuses in Istanbul. All the campus buildings are located within the campus landscape which have access to different types of landscaped open spaces. The campus vegetation includes a rich plant diversity.



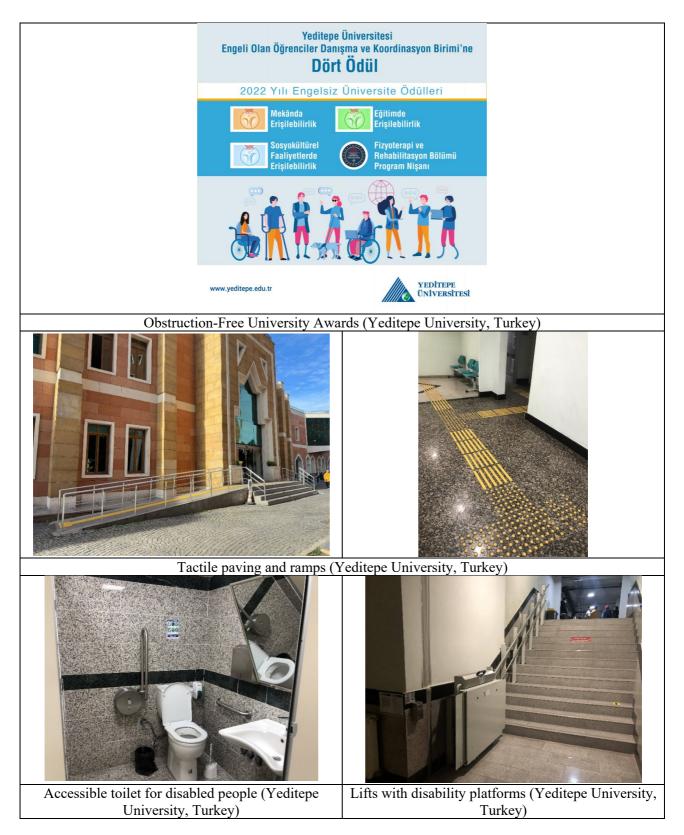


Several studies are being conducted at Yeditepe University Department of Genetics and Bioengineering to conserve plant genetic resources.



Greenhouse of the Genetics And Bioengineering Department

Campus Setting has several features in accordance with universal design principles. The Consultation and Coordination Center for Handicapped Students of our university is to receive an award in every category within the Obstruction-Free University Awards which are organised annually by The Higher Education Council. Our university has received an award of Program Distinction since it is the only university, when compared with other universities, that provide service for 5 different disabilities.



In all campus buildings, operation, repair and maintenance activities were carried out in one year period. There are routine building maintenance and repair activities in all campus buildings. Also, some special projects have been conducted throughout the year. The University's Directorate of Maintenance and Repairs organizes these activities. In addition, every building has its own administrative unit including staff for building operation.



Examples of Repair and Maintenance Works

Yeditepe University emergency service teams and their responsibilities have been established. Regulations on emergencies, preparation of emergency plans in workplaces, prevention, protection, evacuation, fire fighting, first aid, and other necessary studies are carried out at our university.

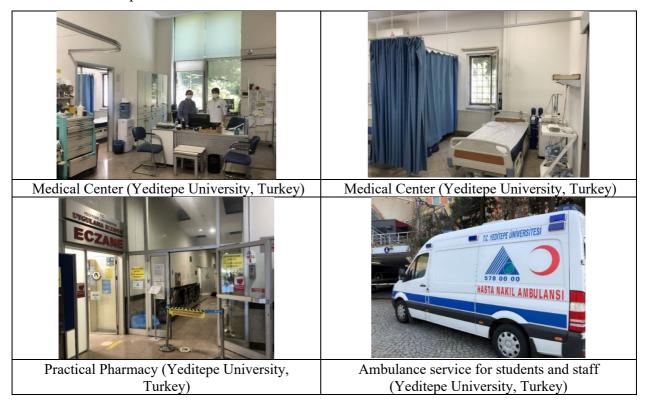


Emergency Drill (Yeditepe University, Turkey)

In addition, health infrastructure facilities for students, academics and administrative staff's wellbeing are available at Yeditepe University Campus Setting. Yeditepe University fulfilled the requirements of the Safe Campus Certification program for developing healthy and clean environments in higher education institutions within the scope of the Pandemic and Yeditepe University was awarded a Safe Campus Certificate by the Turkish Standards Institution.



Healthcare services are given at the campus, ranging from physical examination, laboratory examinations, vaccinations, small-scale surgical operations, dressings, injections, IV's and medical observation. Doctors, nurses and paramedics are available 24/7 at the Medical Center for first aid and emergency assistance to the students and staff at Yeditepe. There are also Yeditepe University Practical Pharmacy and ambulance service for student and staff at the campus. Health Care Institutions such as; Kozyatağı Hospital, Koşuyolu Hospital, Eye Hospital, Dental Hospital, Bagdat Street Clinic, Genetic Diagnostic Centre and Health Centre are available and accesssible to public.





Energy and Climate Change

Yeditepe University has identified measures related to the Energy and Climate Change category. In the first phase, a solar energy system started to be used as a renewable energy production on campus. For this purpose, solar panels were installed on campus building terraces. The ratio of renewable energy production to total annual energy use is 10.3 % Also, the solar system for heating hot water is present on the roof of the social facilities building.



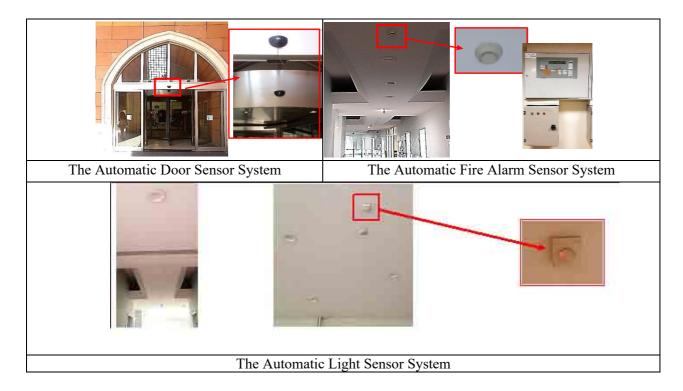
Solar Panels (Yeditepe University, Turkey)

Heating for the Building

In addition, Yeditepe University aims to improve energy savings by various sustainable energy management applications. The energy consumption is monitored and energy efficient appliances and sensor systems are used throughout the campus area. While there are LED illuminations and energy saving lamps throughout the campus, energy efficient devices are used in laboratories.



At the same time, all buildings have automated systems such as automatic doors, automatic fire alarm systems and automatic lighting.



Elements of the green building implementations that are present in all the campus buildings are; Natural Ventilation, Full Day Natural Lighting and Building Energy Management System.



There are also monitor and control elements which are checked regularly in buildings.



Waste Management

At Yeditepe University, a comprehensive recycling and waste reduction program is implemented for "Waste Management" and measures are taken to protect natural resources and use them efficiently.

Yeditepe University has established the "Zero Waste Management System" throughout the campus area and fulfilled the requirements of the "Zero Waste Certification" given by the Municipality of Environment and Urbanization at February 2021.

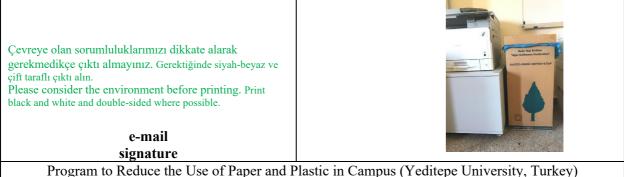


All recyclable wastes throughout the university are collected separately in order to be recycled. To carry out this process properly, indoor waste separation units in all corridors of classes, offices and halls have been placed so as to collect and separate in their source. Besides, the used papers generated at the offices are recycled with a mechanical technique by an authorized recycling company and GHG emission resulting from the incineration has been avoided indirectly.



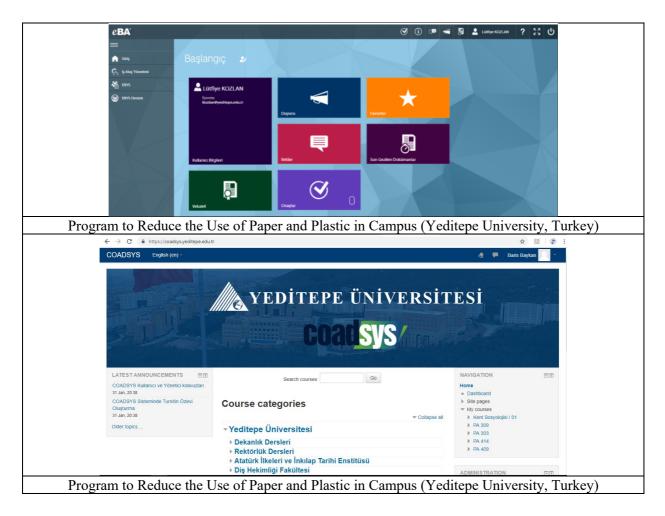
Environmental protection campaigns are being conducted to raise environmental awareness among the students and academic and administrative staff. Examples of the campaigns can be given as waste battery collection, fluorescent light collection, plastic cover collection, textile or clothing products and safely disposal of expired drugs. The university is supported by the municipality with the joint projects carried out for recycling.







In addition to these, various applications started to be used within the scope of the 'Program for Reducing Paper and Plastic Usage'. To this end, new computer systems have been implemented for corporate correspondence (EDYS) and course management (Moodle). In addition, programs such as double-sided printing are implemented within the framework of the policy of reducing the number of prints.



All wastes from Yeditepe University Campus are being treated separately. Non- recyclable inorganic wastes are collected in cooperation with the Ministry of Environment and Urbanization. In order to avoid environmental pollution, odor and leakage from these wastes, an Underground Waste Container System is used. In addition to this, by using Recycling Units, Packaging Units and Indoor Waste Separation Units for recycling are available in common areas of the campus. The

wastes are thrown to the Indoor Waste Separation Units that are placed in the corridors of the classes, offices and halls. These wastes are then daily controlled for separation according to their types and are given to the recycle company which is authorized for recycling by the Municipality. Additionally, the outdoor waste bins have been categorized and labeled so as to separate the waste material in their source. New indoor waste bins have also been provided for the separation of indoor wastes in their source as well.



Yeditepe University Design and Upcycling (YUDU) Laboratuary which was established by the Faculty of Architecture, Department of Industrial Design, within the scope of Yeditepe University Research Project is to recycle the plastic wastes on the university campus in line with these goals targeting the year 2030 and within the scope of zero waste and sustainability studies of Yeditepe University. Yeditepe University Design and Upcycling (YUDU) Laboratory consists of a machine park for the recycling of plastics. The aim of the laboratory is to recycle plastics and to design products with recycled plastics and to realise new designs.



Yeditepe University Design and Upcycling Laboratory carries out various activities related to reducing the consumption of disposable plastics, using alternative materials and recycling under the leadership of academicians. Plastic-Free Campus" primarily focuses on reducing and recycling single-use plastics aims to carry out studies. Different types of disposable plastics on the university campus and our primary objective is to eliminate in line with the circular economy and sustainable development goals with a holistic approach is to carry out studies to develop effective solutions.



Our university's E-waste is not disposed of in regular trash cans because it contains high concentrations of toxic chemicals and heavy metals, and their recycling is supported. E-Waste is collected periodically by the relevant units and given to the recycling company. This year, 1043 electronic items were collected. Our university works with DNS Recycling company, which is audited by the Ministry of Environment, Urbanization and Climate Change and complies with the Environmental Permit and License Regulation. DNS recycling company collects and recycles our electronic wastes and ensures that they are reused without harming nature and human health. Especially in recent years, the risks posed by electronic waste to the environment and human health have increased and recycling services have become even more important.



At our university, organic wastes are collected during the pruning of plants, mowing of the lawns and after processes in the compost plant. The organic waste supplied from the plant materials in the campus landscape is utilized by a recycle machine. The compost produced is fully used in the campus for landscape maintenance. The amount of organic waste recycled increases every year significantly. Also, with this year's new compost applications, organic waste from kitchens is converted into liquid fertilizer and soil for use in indoor plants in the Bokashi compost unit and Vermicompost unit at Yeditepe University Greenhouse.

Furthermore, some of the food waste generated from the kitchens is reused to feed the animals living at the campus. The amount of food waste consumed by animals is 0.5 tons per day.





The compost produced is fully used on the campus landscape for maintenance (Yeditepe University, Turkey)





Bokashi Composting (Yeditepe University, Turkey)





Vermicomposting (Yeditepe University, Turkey)





Vermicomposting (Yeditepe University, Turkey)





Food waste generated from the kitchens is reused to feed the animals (Yeditepe University, Turkey)

There is a three-compartment grease separator tank in the food production unit at the Campus Social Facilities Building, where all the university's food is prepared. Wastewater composed of oil and water collected from the utility system is taken to the grease separator tank, where the mixture is trapped and allowed for some time to separate. Then the oil separated from this process is stored and sent to a company that produces biodiesel fuel. Also, the cleaned water is transferred to the sewage system.



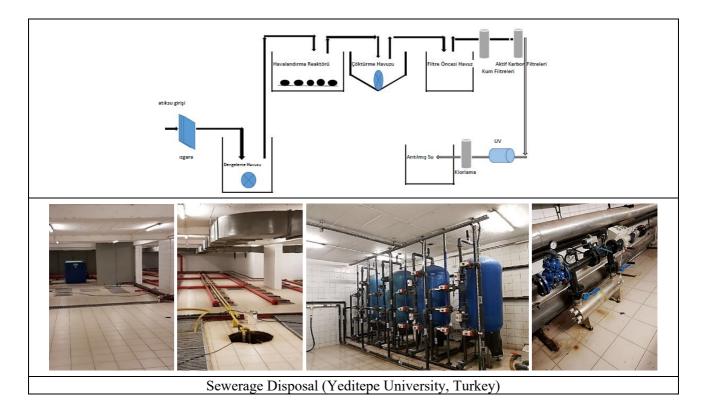
Grease separator tank (Yeditepe University, Turkey)

The disposal of toxic waste is carried out by keeping an inventory. All toxic wastes from our university are sent to disposal companies with environmental license permit and national waste transportation forms. All records are kept and the entered into the system of the Ministry of Environment and Urbanization at the end of the year.



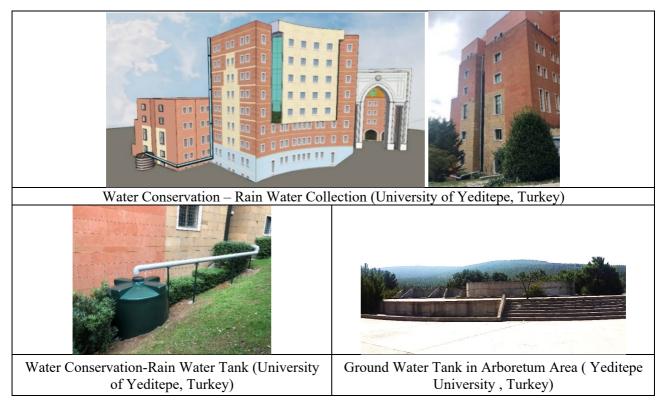
Toxic Waste Handled (Yeditepe University, Turkey)

There is a biological treatment plant in the campus for the treatment of waste water. In the plant, approximately 30% of the total amount of water used annually is treated and recycled as water.

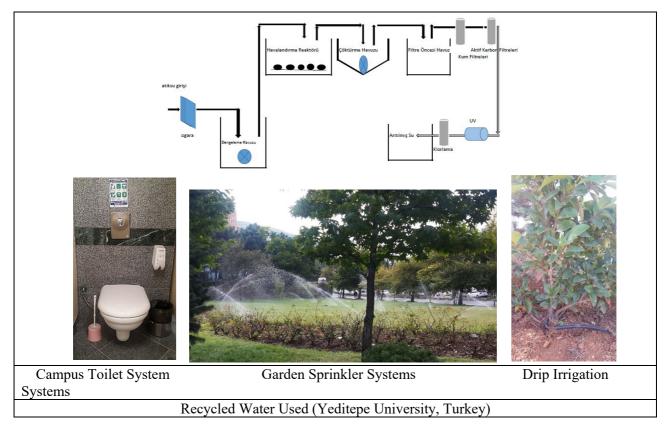


Water Resources

A new water conservation program has been implemented in 2019. Rainwater from the building roofs is being collected in rain water tanks for watering indoor and outdoor planting. Also, a ground water tank construction is still in preparation in the Arboretum area. The capacity of the Ground Water Tank is 6000 m³.



Following the water treatment process, the recycled water is taken from the storage tank by an electrical system which uses booster pumps. Then the recycled water is sent to a piping system which distrubutes the recycled water to the garden irrigation system and the campus toilet system.

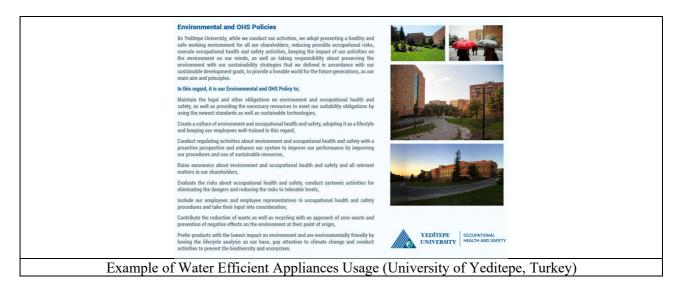


The Use of Water Efficient Appliances in the campus buildings; flow rate decreasing appliances for water taps are used in all the campus WCs. In addition, all the WCs are provided with low flush toilet equipment.



Example of Water Efficient Appliances Usage (University of Yeditepe, Turkey)

Environmental and OHS Policies: Yeditepe University adopted Environmental and Occupational Health and Safety Policies to achieve a healthy and safe working environment, as well as taking responsibility for preserving the environment with sustainability strategies in accordance with sustainable development goals.



Waste Control / Wastewater Treatment: Liquid chemical waste collection bins (blue barrels) are available in our laboratories, and no chemicals are poured into the sink. Wastewater is treated with activated sludge method in the biological wastewater treatment plant. The treated water is used for siphon water and lawn irrigation after chlorination. The analysis of the treated water is done by an authorized laboratory once every 3 months. In addition, control is provided by taking measurements at the university with the spectrophotometer method at monthly periods.



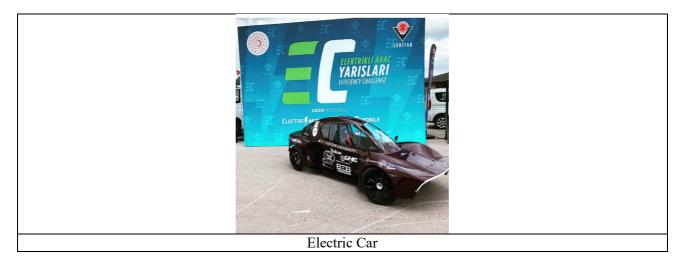
Transportation

At Yeditepe University 'Sustainable Transportation Practices' are applied. In order to reduce the use of vehicles in the campus, vehicle entries are restricted. The Shuttle Services are available for journeys within the campus and the ride is free.



Zero emission vehicles are available within the campus area. An electrical car provides shuttle services from campus building area to the parking lot at the arboretum area carrying 4 passengers for each trip at regular intervals daily. For the same route, another alternative transportation is planned. Bicycle racks are located to specific locations and free bicycles are provided for use. A zero emission electric car is present in the campus area which is designed by Yeditepe University Automotive Club and exhibited in different scientific occasions.





Walking is supported by the various pedestrian paths available within the campus area. Enjoyable and comfortable walking alternatives make the journey attractive. Besides, by the positive human physiological and psychological health effects gained from this experience, sustainability is supported as a consequence. The use of pedestrian paths and vehicular roads have been separated by the application of different paving materials. Street lamps are provided for night illumination. Tactile paving and ramps throughout the campus area have been constructed for the handicapped users.

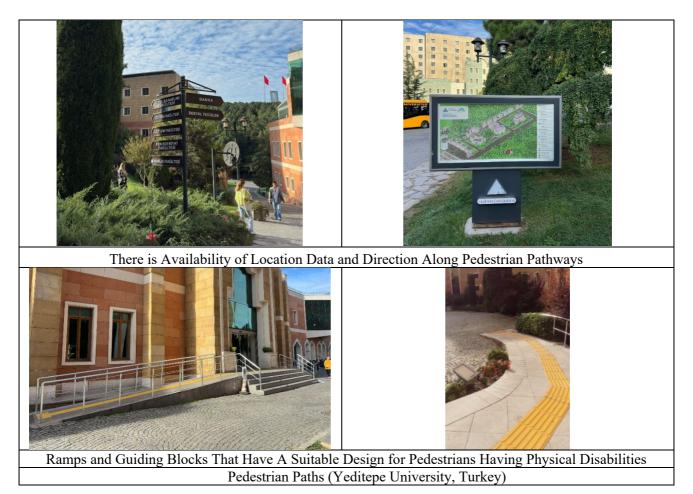


Pedestrian Paths Along the Vehicle Route





Intense Pedestrian Activity Through the Campus (Yeditepe University, Turkey)



Access to campus parking areas is restricted to vehicles that do not have sensor access stickers used by staff and dormitory students. Garage door sensors used at the campus parking area entrances decreased the parking area needs by more than %30.



Education and Research

At our university, courses, research, academic publications and academic activities related to 'Environment and Sustainability' are encouraged. In this regard, the Graduate School of Natural Applied Sciences established the "Urban Design and Landscape Architecture", "Sustainable Energy", "Design and Innovation for Sustainable Food Systems" and "Sustainable Interior Studies" graduate programs. On the other hand, School of Applied Sciences established "Agricultural Trade and Management" undergraduate program. Furthermore, we plan to integrate these programs and related courses throughout the university. Every year total number of courses offered at Yeditepe University increases. A new course named "Sustainable Development" is offered for all the students of the university which focuses on the sustainable development goals of the United Nations.

We aim to encourage, direct and support activities related to "Environment and Sustainability" by both academic and administrative staff as well as by student organizations. In relation to this, "Sustainability Study Group" which is composed of specialized academic and administrative staff, has been started their studies to coordinate the sustainability efforts of the whole university. Also, several student organizations have been established in order to increase the participation of students in sustainability activities.

Various activities have been organized throughout the university to raise awareness about "Sustainability and the Environment":

1. "Continuing the Atatürk Renaissance in the 100th Anniversary of Our Republic: Agriculture, Food, and Media Panel," Yeditepe, in cooperation with our Agricultural Trade and Management Department, the UN Food and Agriculture Organization (FAO), and the Turkey and Agriculture Journalists and Writers Association (TAGYAD), It was held in the blue hall of the university.



2. Yeditepe University held our international policy forum on "The impact of the COVID-19 pandemic on the creative industries: toward sustainable recovery and inclusive growth" with guests from Henley Business School, The United Nations Economic Commission for Europe (UNECE), and Kazakh-British Technical University.



3. The dean of Yeditepe University's Faculty of Architecture, Prof. Dr. Ece Ceylan Baba, talked on the TV program about how cities should be planned to mitigate the effects of climate change and disaster.

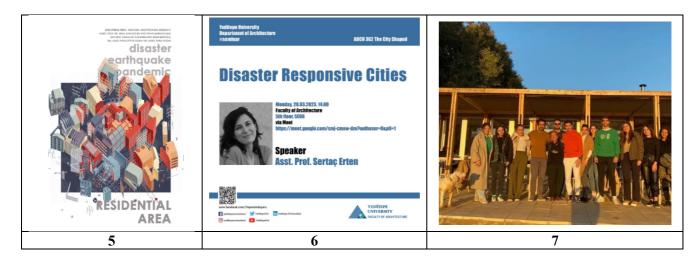
4. In collaboration with the Istanbul Planning Agency Public Design Office, the Yeditepe University Department of Architecture, and the Istanbul Metropolitan Municipality Anatolian Side Parks and Gardens Directorate Transformation Workshop, the Design/Build Project was completed in the spring of 2023.

5. Within the scope of the Architectural Design 4 course, a design project titled "Disaster Earthquake Pandemic" was completed.

6. Assoc. Prof. Sertaç Erten presented a seminar titled "Disaster Responsive Cities" as part of the Yeditepe University Department of Architecture Seminars.

7. A technical trip was organized within the scope of the Contemporary Approaches to Sustainable Ecological Structures course.





8. Atatürk Arboretum Technical Visit: Plant materials were introduced to the students

and the ecological characteristics of the species were demonstrated in practice.



9. IKHAL (İstanbul Village Services High School) and Yeditepe University Collaboration: The Department of Urban Design and Landscape Architecture organized activities with students of both parties regarding the improvement of the IKHAL school outdoor spaces. In line with this, landscape design workshops and seminars are organized, and the outcomes of the studies are shared.



10. Within the scope of the Yeditepe University Podcast Series, Benan Özkol, consultant of the Consultation and Coordination Center for Students with Disabilities (CCOSD) at Yeditepe University, talked about the unit's activities.

11. Within the scope of the Yeditepe University Podcast Series, Yeditepe University Sociology Department Head Prof. Dr. Demet Lüküslü and Assistant Prof. Dr. Banu Koçer Reisman, also from the Department of Sociology, discussed the Partibridges Project.

12. Within the scope of the Yeditepe University Sustainability Podcast Series, Yeditepe University Landscape Manager Lütfiye Kozlan talked about Yeditepe University landscaping and international ratings.



13. Upcycling Fest 2023 Istanbul –Gazhane Workshop with Edding "Yeditepe University, Department of Industrial Design – Painting waste 3D cardboard projects.

14. Upcycling Fest 2023 16-17 September, Istanbul – Gazhane Upcycling Project workshop "Yeditepe University, Department of Industrial Design.

15. Upcycling Fest 2023 16-17 September, Istanbul – Gazhane Upcycling Project Exhibition "Yeditepe University, Department of Industrial Design.



16. Organic Agriculture Propagation Techniques have been practiced by the students of Yeditepe University as an application of a course in a greenhouse located within the campus area every semester.



17. Within the scope of the Yeditepe University Digital Innovation Food Agriculture Platform (YUdigit) Speech Series, Materials Science and Nanotechnology Engineering Academician Taner Akbay's speech about "The Digital Twin in the Product Development Cycle" was held on December 19, 2022, at 1.00 p.m.

18. Within the scope of the Yeditepe University Digital Innovation Food Agriculture Platform (YUdigit) Speech Series, Materials Science and Nanotechnology Engineering Academician Z. Cansu Canbek Özdil's speech about "Nanotechnology in Agriculture" was held on December 12, 2022, at 1.00 pm.

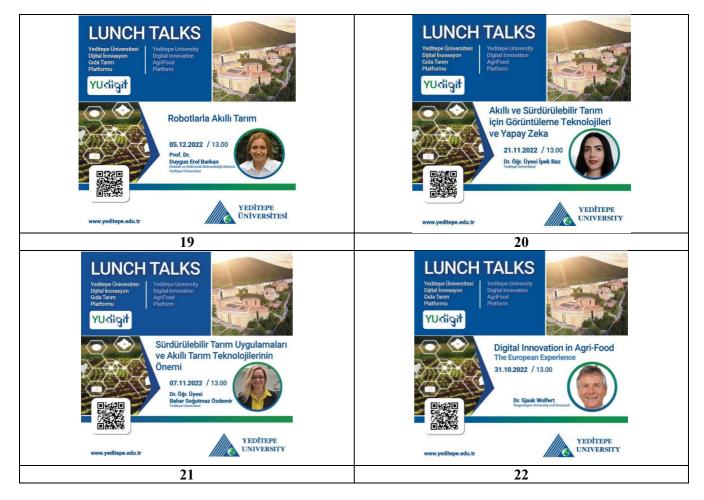


19. Within the scope of the Yeditepe University Digital Innovation Food Agriculture Platform (YUdigit) Speech Series was held with Electrical and Electronics Engineering Department academician Prof. Dr. Duygun Erol Barkan's speech about "Smart Agriculture with Robots" on December 5, 2022, at 1.00 p.m.

20. Within the scope of the Yeditepe University Digital Innovation Food Agriculture Platform (YUdigit) Speech Series, the Electrical and Electronics Engineering Department academician Assistant Prof. Dr. İpek Baz's speech about "Imaging Technologies and Artificial Intelligence for Smart and Sustainable Agriculture" was held on November 21, 2022, at 1.00 p.m.

21. Within the scope of the Yeditepe University Digital Innovation Food Agriculture Platform (YUdigit) Speech Series, a speech by Genetics and Bioengineering Department academician Assistant Prof. Dr. Bahar Soğutmaz Özdemir about "The Importance of Sustainable Agricultural Practices and Smart Agricultural Technologies" was held on November 7, 2022, at 1.00 p.m.

22. Within the scope of the Yeditepe University Digital Innovation Food Agriculture Platform (YUdigit) Speech Series, Wageningen University and Research academician Dr. Sjaak Wolfert gave a speech about "Digital Innovation in Agri-Food: The European Experience" on October 31, 2022, at 1.00 p.m.



23. We have hosted Dr. Maria Elena Latino as our guest lecturer in our SFS-504 Innovation for Sustainable Food Systems Lecture.

24. We have hosted our former graduate Maide Havva Kayır from Yeditepe University, Food Engineering Department as our guest in SFS 504 Innovation for Sustainable Food System lecture. **25.** We have hosted Semra Sevinç as our guest lecturer in our SFS-504 Innovation for Sustainable Food Systems Lecture.

26. A seminar on "Entrepreneurial Ecosystem For Food, Agriculture & Water" was held on Friday, December 09.

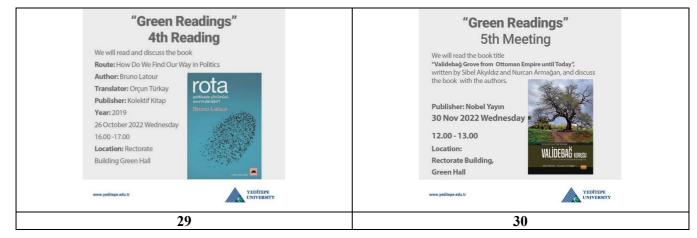


27. A webinar on Law and Ethics in Urban Management and Planning was held by Prof.
Dr. Ruşen Keleş and Prof. Dr. Meral Öztoprak at Yeditepe University on November 18, 2022.
28. An interview, Experiences of Working in Civil Society, was held by Gökhan Ersoy and Merve Özayıtgu on November 21, 2022.



29. The fourth meeting of the Green Book Club was held on Oct 26, 2022, 2022 between 16.00 and 17.00 at Rectorate Building Green Hall. At this meeting, we read and discussed the book "Route: How Do We Find Our Way In Politics" by Orçun Türkay.

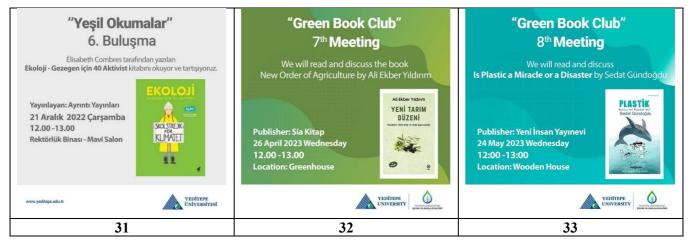
30. The fifth meeting of the Green Book Club was held on Nov 30, 2022, 2022 between 12.00 and 13.00 at Rectorate Building Green Hall. At this meeting, we read and discussed the book "Validebağ Grove From Ottoman Empire until Today" by Sibel Akyıldız and Nurcan Armağan.



31. The sixth meeting of the Green Book Club was held on Dec 21, 2022, 2022 between 12.00 and 13.00 at Rectorate Building Blue Hall. At this meeting, we read and discussed the book "Ekoloji Gezegen İçin 40 Aktivist" by Elisabeth Combres.

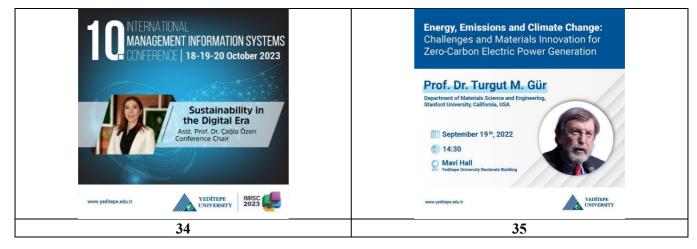
32. The seventh meeting of the Green Book Club was held on Apr 26, 2023, 2023 between 12.00 and 13.00 at Greenhouse. At this meeting, we read and discussed the book "New Order of Agriculture" by Ali Ekber Yıldırım.

33. The eighth meeting of the Green Book Club was held on May 24, 2023, 2023 between 12.00 and 13.00 at Wooden House. At this meeting, we read and discussed the book "Is Plastic a Miracle or a Disaster" by Sedat Gündoğdu.



34. The IMISC is a pre-eminent avenue for academics, researchers and practioners worldwide to exchange ideas for facilitating continued progress in the study, development and use of Management Information Systems. This year the conference is being held at Yeditepe University, Istanbul, with the main theme as "Sustainability in the Digital Era" and there are sixteen additional tracks covering a wide range of topics related to Management Information Systems.

35. A seminar on Energy, Emissions and Climate Change: Challenges and Materials Innovation for Zero-Carbon Electric Power Generation was held by Prof. Dr. Turgut M. Gür at Yeditepe University on September 19, 2022.



36. A Design and Apply workshop within the theme of "X-Change Unit" is going to be held within the Department of Architecture of Yeditepe University between the dates of 08 - 13 June 2022. Within the framework of this workshop, a semi-open construct is going to be designed, constructed and placed within the campus' landscape. The workshop is going to be conducted by Prof. Dr. Charlie Hailey, hailing from the Architectural School of Florida University, who is one of the specialists within the field of Design and Apply and by a team consisting of lecturers and students from the Department of Architecture of Yeditepe University. The filming and documenting of this workshop process is going to be made by the lecturers and students of the Department of Architecture.



37. The first meeting of the Green Book Club will take place Within the scope of the 58th Library Week activities on March 30, 2022. At this meeting, we will read and discuss the book "The Future We Choose: Surviving the Climate Crisis by Cristiana Figueres former UN Executive Secretary for Climate Change, Christiana Figueres, and Tom Rivett-Carnac, a senior political strategist for the Paris Agreement.

38. The second meeting of the Green Book Club will be held on April 27, 2022, between 13.00 and 14.00 at Serender. At this meeting, we will read and discuss the book "Zero Waste: Consumption Culture and Food Waste" by David Evans.

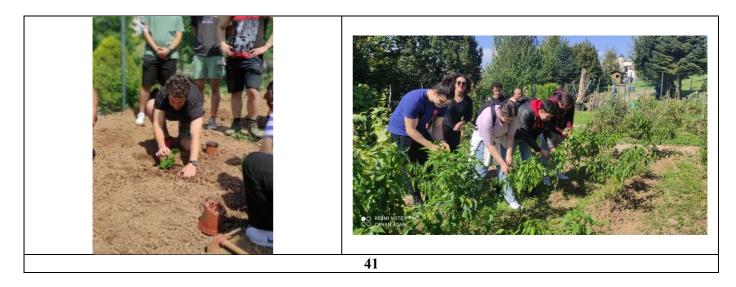
39. The third meeting of the Green Book Club will be held on May 25, 2022, 2022 between 13.00 and 14.00 at Serender. At this meeting, we will read and discuss the book "In Praise of the Bicycle" by Marc Augé.



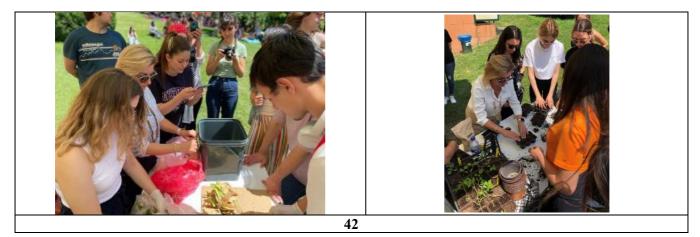
40. Yeditepe University Department of Gastronomy and Culinary Arts students held a "Composting workshop" for 3rd-grade students of İSTEK Uluğbey Schools. Within the scope of the workshop, students were informed about climate change, recycling, organic agriculture, and permaculture by raising awareness of sustainability.

41. Yeditepe University Department of Gastronomy and Culinary Arts students planted plants in the garden within the scope of the CULA 102 Agricultural Production course and harvested them in September.





42. Compost workshops were organized to raise environmental awareness among students where different compost techniques (Bokashi-vermicompost) were applied to reduce waste.



43. The orchard activities in the area were examined with the students of the department. The effects of production processes, planting pads, seed types and production on social interaction were observed. Kadıköy Municipality official introduced the area to our students and answered their questions.



44. In the Arboretum area of the Yeditepe University, annually a "Student Tree Planting Activity" is put into practice during the academic year to encourage the students to take part in nature conservation by the Yeditepe University Directorate of Landscape.



45. "Workshop for Sustainable design " Upcycling Projects with waste of DHL company"2020-2021 Fall Semester Yeditepe University, Department of Industrial Design & Industry Cooperation. Akademi çevre & DHL Yeditepe University & DHL co-operation. Within the scope of Yeditepe University's Sustainability studies "Design for Upcycling" workshop in collaboration with the Department of Industrial Design and DHL Turkey started on 17 March 2022. Within the scope of Sustainable Design course DHL's recyclable waste was transformed into new designs. During the technical visit to Akademi Çevre Waste Management Company, students learnt about DHL's recycling activities.Upcycled product designs were produced by selecting the wastes sent for recycling by DHL.



46. As part of the Graphic Design Graduate Course GRA 519: Design and Social Responsibility, a Plastic Collection Area was developed in the GSF Building on campus. In this context, concept designs, posters, stickers, and symbol designs were made. These designs were implemented in the Industrial Design Plastic Collection Area.



47. In the Arboretum area of Yeditepe University, the 4th traditional "Sapling Planting Event" was held to encourage students to protect nature.



48. Our university participated in the Yeditepe University Erasmus Days in order to raise awareness about the Sustainable Development Goals.

49. Member of our university's Sustainability Study Group, Asst. Prof. Dr. Barış Gençer Baykan and YUSLP team cleaned the garbage in Maltepe with Lets Do It Turkey within the scope of World Cleanup Day.



50. Umut-Elazığ Project aims to develop sustainable and alternative architectural design solutions for the city of Elazığ, which was struck by an unfortunate earthquake disaster in January 2020. Considering the COVID-19 pandemic, which had an impact around the World, the focal point of the design process is designing to cope with extraordinary situations such as natural disasters and pandemics for Elazığ. The design studio is part of a social responsibility project, and participants are expected to synthesize topics of environmental awareness, sustainability, ecological living, and visionary approaches into their designs.

Project Presentation of Umut-Elazığ Project was conducted by Yeditepe University's Faculty of Architecture and Emre Arolat Architecture, in collaboration with the Municipality of Elazığ and Elazığ Chamber of Trade and Industry.



Our University established Student Clubs/Societies for students to be actively involved in democratic, social, cultural, artistic, and sportive activities equally and regularly benefit from the opportunities provided by the University. Many activities were organized by Yeditepe University Student Organizations related to sustainability. Some of them are explained below with the visual materials provided.

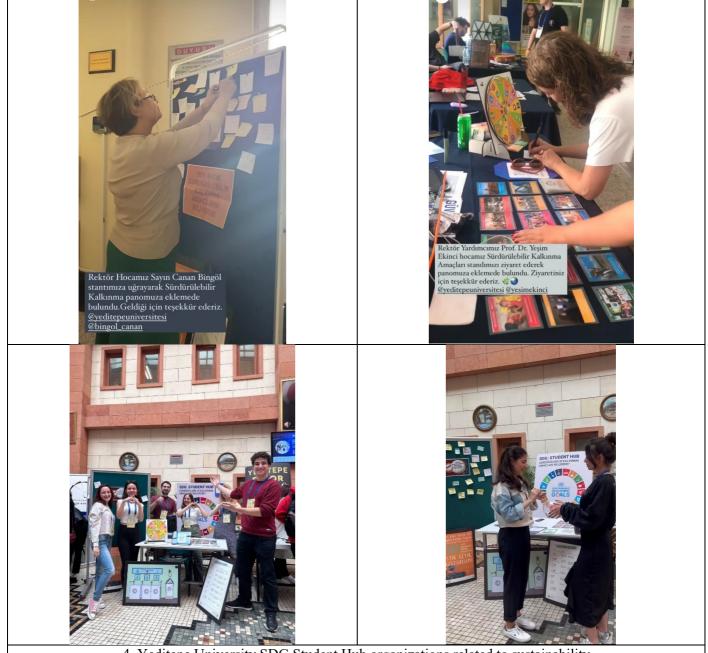
1. A trip was organized by the Environment and Ecology Club to the compost facility of Körfez Municipality and information about compost fertilizer was obtained.

2. A technical trip to Kadıköy Municipality Ecological Life Center was organized by the Environment and Ecology Club.

3. A technical trip to Nezahat Gökyiğit Botanical Garden was organized by the Environment and Ecology Club.



4. An event was organized by the Yeditepe University SDG Student Hub to increase awareness of the Sustainable Development Goals. Academicians and students participated in the event.



4. Yeditepe University SDG Student Hub organizations related to sustainability

5. Yeditepe University SDG Student Hub, ECON 363, ECON 422, ECON 122 students and the Kindness Club organized a book and stationery donation campaign to the Primary School of the Chamber of Commerce and Industry and Necip Fazil Kisakurek Secondary School in Hatay Iskenderun as part of a joint project.

6. PA108 Social Responsibility Project Course Students organized a donation campaign to deliver parcels of necessities to children with leukemia and their families during Ramadan.

7. Activities were organized with children in Aydın-Söke Sarıkemer Primary School within the scope of the project to help Village Schools organized by Yeditepe Wish Volunteers Club.

8. All income obtained from the "Art for Aid" event organized by Yeditepe Wish Volunteers Club was used on behalf of children in need.



9. Yeditepe University Biotechnology Society and Leadership Entrepreneurship Club visited Balıkesir Kepsut Yaylabaşı Primary School. Experiments were conducted with children, different activities were organized and the school library was organized.



Primary School Visit

10. Yeditepe University Biotechnology Community organized an Education Campaign.

11. Yeditepe University Biotechnology Community carried out experiments and fun activities with children with genetic diseases at Yeditepe University Campus.



11. Yeditepe University Biotechnology Community Event

12. With the 3rd social responsibility project "Engineering for Kids" organized by Yeditepe University Industrial Engineering Society, experiments and educational game activities were organized to instill engineering and science concepts in children.

13. Within the scope of the Yeditepe University Educational Research Club "YUEREC Express" Project, various materials were provided to schools.

14. "Proactive Student Event" was organized by Yeditepe University Educational Research Club (YUEREC).

15. Yeditepe University Educational Research Club (YUEREC) organized various activities with children at the Love House, a social service institution visited under the name of "Love Houses Project".



16. Yeditepe University Educational Research Club (YUEREC) organized a certified training called "Turkish Sign Language Interpreter Trainer Training Program".

17. Yeditepe University Educational Research Club (YUEREC) organized workshops with the participation of experts on "Education and Sustainability" within the scope of November 24 Teachers' Day celebrations.

18. Yeditepe University Leadership Entrepreneurship Club organized a book collection campaign for the establishment of Sazlıbosna Primary School library.



19. Yeditepe University Business Administration Club organized a technical trip to Istanbul Dialogue Museum to see the world through the eyes of the visually impaired and to experience communicating with sign language.



20. Live-Arch Architecture Talk Summit was organized by Yeditepe University Architecture Club.

21. Yeditepe University Health Club (SANITAS) organized the Drug-Nutrient Interactions Congress'23 with the theme of Natural and Herbal Supplements.

22. Yeditepe University Health Club (SANITAS) organized an educational material campaign for children affected by the earthquake as part of the Social Responsibility Project.

23. Yeditepe University Social Support and Solidarity Club and Health Club organized the Inclusion Festival for the Day of Persons with Disabilities to raise awareness of social responsibility.



24. Yeditepe University Natural Disaster Search and Rescue Club (YUDAK) carried out rescue activities for the February 6 earthquake.

25. Emergency Medicine Disaster Symposium was organized by Yeditepe University Natural Disaster Search and Rescue Club.

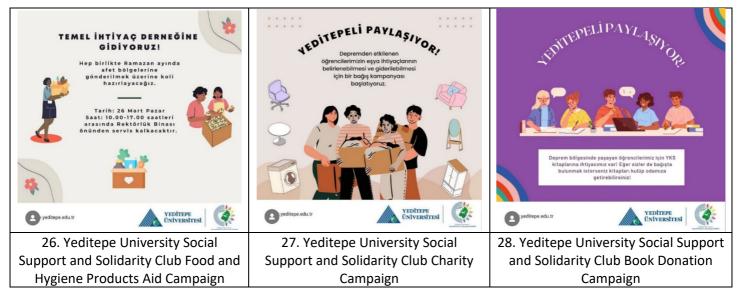


25. Yeditepe University Natural Disaster Search and Rescue Club Emergency Medicine Disaster Symposium

26. Yeditepe University Social Support and Solidarity Club organized a campaign to prepare food and hygiene produts to be sent to the disaster area.

27. Yeditepe University Social Support and Solidarity Club organized a campaign to help students affected by the earthquake.

28. Yeditepe University Social Support and Solidarity Club organized a book donation campaign for students affected by the earthquake.



29. Yeditepe University Health Club (SANITAS) and Turkish Red Crescent organized a blood donation and stem cell donation event.

