

Template for Evidence(s) UI GreenMetric Questionnaire

University : Gebze Technical University
Country : Türkiye
Web Address : www.gtu.edu.tr

[2] Energy and Climate Change (EC)

[2.14] Impactful university program(s) on climate change

No	Programs	Scope (international / regional / national / local / etc)	Total Participants	Photo	URL	Short Description

1	TÜBİTAK 1831 Green Innovation Technology Extension Program (June 11 2024)	National SMEs and Academi cs	40 SMEs 65 Academics	 <p>The poster features a background image of a hand watering a small green plant. Text on the poster includes: '1831-Türkiye yeşil inovasyon Teknoloji Mentörlük Programı', 'Destek Kapsamı', 'Bu hizmet çözüm ortakları aracılığıyla TÜBİTAK desteğiyle KOBİ'lere verilecektir.', 'Mentörlük programı kapsamında firmalarımızın mevcut durumları tespit edildikten sonra, Dünya Bankası, Avrupa Birliği, Bakanlıklar, TÜBİTAK, KOSGEB tarafından finanse edilen Yeşil Dönüşüm Projelerine yönlendirilecektir.', 'Bu program, KOBİ'lere teknolojik danışmanlık, kapasite analizi, problem belirleme, çözüm yaklaşımları ve yol haritası hazırlama hizmetlerini kapsamaktadır.', 'Proje maliyetlerinin %90'ı TÜBİTAK tarafından karşılanmaktadır.', Logos for GEBZE TEKNİK ÜNİVERSİTESİ and GEBZE TEKNİK ÜNİVERSİTESİ TEKNİK YATIRIM VE İNŞAAT A.Ş. (tto) are at the bottom.</p>	https://www.gtu.edu.tr/icerik/8/22078/display.aspx	Gebze Technical University's Technology Transfer Office (TTO) is guiding SMEs to comply with green transformation legislation as part of the Green Transformation in Industry Project, selected as a solution partner by TÜBİTAK.
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2	Sustainability Information Day	On campus	15 Staff 67 Students
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<https://www.gtu.edu.tr/icerik/8/21705/display.aspx?lanuguageld=1>

The GTU Sustainability Office Coordinatorship held a Sustainability Information Day at the Gebze Technical University Congress and Culture Center, focusing on green energy and climate action for students and academics.

3 Energy Technology Institute

Master Program me

61 Students

6 Academic Staff

2 Administrative Staff

Gebze Teknik Üniversitesi

Applied Propulsion System Design & Engineering for Aerospace Technologies
HAVA KUVVETLERİ VE UÇAK TEKNOLOJİLERİ ENSTİTÜSÜ İTİFAKİ İÇİSİTİM MÜHÜRÜ
TEZLİ YÜKSEK LİSANS PROGRAMI: SAKPA SİNERJİSİ İLE
18 Mayıs 2020

Semester	Course Code	Description	Credit	GTE Credits	ECTS	ECTS	ECTS	ECTS	ECTS	ECTS
Fall 2020	APS-521	Materials And Aerospace Materials	3	3	Prof. Dr. Bahri BOZDOĞAN	Dr. Coşkun KÖRDEMİR	Prof. Dr. A. Denizlioğlu Gömetel, E. Şirin, E. E. Mançoğlu G. Aras, S. Aksoy, H. Özcan, M. Toksoz, E. Arvas, T. Kızılcı, I. Tarsoz A. Doğubayrak, C. Erdem, G. Güneş, U. Ertilik, S. Kılıçkaya, S. Coşkun, B. Balıç, E. Uluçan			
Fall 2020	APS-522	Gas Turbine Motors and Turbine Turbines	3	3	Prof. Dr. İlyas KANDEMİR	Şakirhan BİLİRHAN	Prof. Dr. A. Denizlioğlu Gömetel, E. Şirin, E. E. Mançoğlu G. Aras, S. Aksoy, H. Özcan, M. Toksoz, E. Arvas, T. Kızılcı, I. Tarsoz A. Doğubayrak, C. Erdem, G. Güneş, U. Ertilik, S. Kılıçkaya, S. Coşkun, B. Balıç, E. Uluçan			
Spring 2021	APS-523	Aerospace Materials Processes	3	3	Prof. Dr. Bahri BOZDOĞAN	Levent SÜBAŞI	Prof. Dr. A. Denizlioğlu Gömetel, E. Şirin, E. E. Mançoğlu G. Aras, S. Aksoy, H. Özcan, M. Toksoz, E. Arvas, T. Kızılcı, I. Tarsoz A. Doğubayrak, C. Erdem, G. Güneş, U. Ertilik, S. Kılıçkaya, S. Coşkun, B. Balıç, E. Uluçan			
Spring 2021	APS-526	Engine Components Mechanical Design	3	3	Prof. Dr. Salim ÖZGÜ	Dr. Serdar AKIYI	Prof. Dr. A. Denizlioğlu Gömetel, E. Şirin, E. E. Mançoğlu G. Aras, S. Aksoy, H. Özcan, M. Toksoz, E. Arvas, T. Kızılcı, I. Tarsoz A. Doğubayrak, C. Erdem, G. Güneş, U. Ertilik, S. Kılıçkaya, S. Coşkun, B. Balıç, E. Uluçan			
Fall 2021	APS-524	Process Simulations	3	3	Doç. Dr. Mahmut AKIYI	Rahim Gökay Göray Akbulut Dr. Coşkun YILMAZ	Prof. Dr. A. Denizlioğlu Gömetel, E. Şirin, E. E. Mançoğlu G. Aras, S. Aksoy, H. Özcan, M. Toksoz, E. Arvas, T. Kızılcı, I. Tarsoz A. Doğubayrak, C. Erdem, G. Güneş, U. Ertilik, S. Kılıçkaya, S. Coşkun, B. Balıç, E. Uluçan			
Fall 2021	APS-525	Aerospace Standards, Qualification	3	3	Doç. Dr. Ali Murat SÖYÜK	Ömer ÖNE	Prof. Dr. A. Denizlioğlu Gömetel, E. Şirin, E. E. Mançoğlu G. Aras, S. Aksoy, H. Özcan, M. Toksoz, E. Arvas, T. Kızılcı, I. Tarsoz A. Doğubayrak, C. Erdem, G. Güneş, U. Ertilik, S. Kılıçkaya, S. Coşkun, B. Balıç, E. Uluçan			
Fall 2021	APS-527	GD&T: Geometric Dimensioning & Tolerancing and 6 Sigma	3	3	Prof. Dr. Salim ÖZGÜ	Serkal ÖZGÜR Rudolf MURDOĞLU	Prof. Dr. A. Denizlioğlu Gömetel, E. Şirin, E. E. Mançoğlu G. Aras, S. Aksoy, H. Özcan, M. Toksoz, E. Arvas, T. Kızılcı, I. Tarsoz A. Doğubayrak, C. Erdem, G. Güneş, U. Ertilik, S. Kılıçkaya, S. Coşkun, B. Balıç, E. Uluçan			
Spring 2022	APS-SİM-515	Seminar Course	3	3	Doç. Dr. Ali Murat SÖYÜK	Ömer İZZETDOĞLU	Prof. Dr. A. Denizlioğlu Gömetel, E. Şirin, E. E. Mançoğlu G. Aras, S. Aksoy, H. Özcan, M. Toksoz, E. Arvas, T. Kızılcı, I. Tarsoz A. Doğubayrak, C. Erdem, G. Güneş, U. Ertilik, S. Kılıçkaya, S. Coşkun, B. Balıç, E. Uluçan			

<https://www.gtu.edu.tr/katagori/3760/0/display.aspx>

The GTU Energy Technology Institute offers courses in jet engines, space, and aviation to train qualified engineers.

Gebze Teknik Üniversitesi

"APPLIED PROPULSION SYSTEM DESIGN & ENGINEERING for AEROSPACE TECHNOLOGIES"
Master Programı Eylül 2019'da GTU Enerji Enstitüsü binasında TEI-1 Sınıfı Yıllık Iş Tecrübe ortalaması 7.5 yıllık olan 18 Genç İddialı Mühendis ile başladı.

Enerji Teknolojileri Enstitüsü

4	1st International Congress on Biotech Solutions for Sustainability	International Congress	168 Master's and Doctoral Students 67 Independent Researchers 316 Academicians	 <p>1st International Congress on Biotech Solutions for Sustainability May 7-10, 2024 Congress Hall, Gebze Technical University, Kocaeli, TURKIYE</p> <p>Health biotechnology Industrial biotechnology Plant biotechnology</p> <p>University & Industry panels Sustainability talks Workshops about applications Oral and poster presentations Meet the experts</p> <p>Congress chair Prof. Dr. Işıl Aksan KURNAZ</p> <p>Congress secretary Res. Assist. Cansu YAY Res. Assist. Rifat Buğra BILDİRİ Dr. Zulqurnain Khan</p> <p>Registration: Please check website Deadline for abstract submission: April 17, 2024</p> <p>Website: www.biotech4sus.org E-mail: biotech4sus@gtu.edu.tr</p>	https://www.biotech4sus.org/ https://www.gtu.edu.tr/icerik/9/21722/diplay.aspx	<p>The 1st International Congress on Biotechnology Solutions for Sustainability aimed to foster innovation in sustainable biotechnology solutions and create a better future for everyone. The event focused on Medical, Industrial and Plant Biotechnology, featured expert-led workshops and networking opportunities for attendees.</p>
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Impactful university program(s) on climate on GTU (Gebze Technical University, Türkiye)

Description:

The above events and training organized by the GTU aim to raise awareness of climate change among academic staff, administrators, students, and business representatives. In this way, it aims to develop more environmentally friendly companies and to implement business planning in this direction. It also aims to make individuals more aware of these issues in their daily lives.

- 1) The Technology Transfer Office (TTO) of Gebze Technical University (GTÜ) has taken an important step in its mission to lead the green transformation of companies. GTÜ-TTO A.Ş., which is one of the 25 organizations selected by TÜBİTAK as a solution partner in the 1831 Green Innovation Technology Mentorship Call, will guide SMEs that want to comply with green transformation legislation as part of the Green Transformation in Industry Project.
- 2) The Sustainability Information Day themed green energy and climate action was held for students and academics by GTÜ Sustainability Office Coordinatorship at Gebze Technical University (GTÜ) Congress and Culture Center within the scope of European Youth Week, students had the opportunity to listen to a seminar that would broaden their horizons on clean energies and climate action.
- 3) The GTU Energy Technology Institute contributes to the training of qualified engineers by offering courses in the fields of jet engines, aerospace, and aviation. In addition, while the total number of students actively studying at the institute is 61, there are 21 graduate students.
- 4) The 1st International Congress on Biotechnology Solutions for Sustainability was held at the GTU Congress and Culture Centre. The theme of the Congress is to jointly promote innovation in sustainable biotechnology solutions and create a better future for all. The Congress also highlighted the global impact of climate change and proposed various solutions. On the other hand, the focus of the Congress is to create an environment of innovation and collaboration where experts can come together to exchange ideas and information. The congress is organized around Medical, Industrial, and Plant Biotechnology, with a dynamic program of sessions on the three main themes of biotechnology. There will also be expert-led workshops for all participants and networking opportunities to make new contacts from academia and industry.