

EK-2

CV

Name and Surname: Serkan GÖK

Date of birth: 15/11/1983

Academic Title: Lecturer

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Certificates Received:

- **CSWA** - Certified SolidWorks Associate – 2015 - C-F2YLQ9S6L8
- **CSWP** - Certified SolidWorks PROFESSIONAL Mechanical Design – 2018 - C-9Z6WPKVQD5
- **CSWPA-SM** - Sheet Metal – 2020 - C-QFA2NZT59U
- **CSWPA-DT** - PROFESSIONAL - Drawing Tools – 2020 - C-3PWEVGXH2K
- **CSWA-Simulation** – 2020 - C-5X9ZQAHFUY
- **PROFESSIONAL – Simulation** – 2020 - C-EGBWPSFDJM
- **PROFESSIONAL – Flow** – 2023 - C-GHZWUQMDCR

Area of Expertise: Mechanical Engineering

Derece	Bölüm/Program	Üniversite	Yıl
Lisans (1)	Mechanical Engineering	İstanbul Cerrahpaşa Üniversitesi	2020
Lisans (2)	Mechanical Installation Teaching	Süleyman Demirel Üniversitesi	2008
Y. Lisans	Machine Training	Süleyman Demirel Üniversitesi	2011
Doctorate			
Doç. / Prof.			

Master's Thesis Title (summary attached) and Thesis Advisor(s):

Design of a vacuum timber dryer operating at different temperatures and investigation of drying parameters / Prof. Dr. Arzu ŞENCAN ŞAHİN

Tasks:

Görev Unvanı	Görev Yeri	Yıl
Head of Department	Istanbul Aydın University – Anadolu Bil Vocational School – Department of Mechanical and Metal Technologies	2013 -
Program Head	Istanbul Aydın University – Anadolu Bil Vocational School – Department of Mechanical and Metal Technologies – Mechanical Program	2013 -
board member	Istanbul Aydın University - Anadolu Bil Vocational School Board Member	2013 -

assistant director	Istanbul Aydın University, Defense Industry Technologies Application and Research Center	2020-2021
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Duties Performed in Projects:

Design of a Dryer Working at Different Temperatures and Pressures and Investigation of Drying Parameters, Süleyman Demirel University - Scientific Research Project (BAP), 1971-YL-09 2010

Undergraduate and graduate level courses taught in the last two years :

Academic year	Period	Course title	Weekly Hours		Number of Students
			Theoric	Applications	
2021-2022	Güz	MAK111 BİLGİSAYAR DESTEKLİ TEKNİK RESİM-I	2	2	34
		MAK103 BİLGİSAYAR DESTEKLİ TEKNİK RESİM-I	2	2	22
		MKT121 TEKNİK RESİM	2	2	78
		MKT247 HİDROLİK-PNÖMATİK	2	0	49
	MKT261 BİLGİSAYAR DESTEKLİ ÇİZİM-I	2	2	86	
	Bahar	MKT262 BİLGİSAYAR DESTEKLİ ÇİZİM-II	2	2	78
		MAK112 BİLGİSAYAR DESTEKLİ TEKNİK RESİM-II	2	2	28
		MKT272 İLERİ MODELLEME TEKNİKLERİ	1	2	82
MEZ202 MEZUNİYET PROJESİ		0	2	69	
2021-2022	Güz	MAK111 BİLGİSAYAR DESTEKLİ TEKNİK RESİM-I	2	2	50
		MKT247 HİDROLİK-PNÖMATİK	2	0	83
		MAK425 BİLGİSAYAR DESTEKLİ MÜHENDİSLİK TASARIMI	2	2	34
		MKT261 BİLGİSAYAR DESTEKLİ ÇİZİM-I	2	2	86
	Bahar	MKT262 BİLGİSAYAR DESTEKLİ ÇİZİM-II	2	2	80
		MKT272 İLERİ MODELLEME TEKNİKLERİ	1	3	84
MEZ202 MEZUNİYET PROJESİ	0	2	65		
2023-2024	Güz	MKT243 TERMODİNAMİK	3	0	61
		MKT261 BİLGİSAYAR DESTEKLİ ÇİZİM-I	2	2	98
	Bahar				

WORKS

A. Articles published in international refereed journals:

A1. ŞENCAN ŞAHİN ARZU, **GÖK SERKAN** (2016). Determination of drying rates of different timber kinds. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 38(8), 1075-1080 (Yayın No: 4141870)

A2. ŞENCAN ARZU, **GÖK SERKAN**, DİKMEN ERKAN (2011). Prediction of Liquid and Vapor Enthalpies of Ammonia Water Mixture. Energy Sources Part A-Recovery Utilization and Environmental Effects, 33(15), 1463-1473. (Yayın No: 510431)

B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitaplarında (proceedings) basılan bildiriler:

B1. YAKUT, A.K., GÜLER, K., DİKMEN, E., **GÖK S.**, ŞENCAN, A., 2009. Biyodizel Üretimi için Küçük Kapasiteli Üretim Tesisi Tasarlanması ve Kurulması, Nuclear&Renewable Energy Resources Conference with International Participation, 28-29 September 2009, ANKARA-TURKEY, 425-428.

B2. AKGÜMÜŞ GÖK D., **GÖK S.** (2020). Design and Topology Optimization of the PA 2200 Bracket Part to Be Produced with Additive Manufacturing Method, 7. International Conference on Engineering and Natural Sciences-ISPEC, İzmir.

B3. AKGÜMÜŞ GÖK D., **GÖK S.**, KILIÇTEK S., YAKUT N. (2022). Rapid Prototyping Technologies, Tashkent 1. International Congress on Modern Sciences, Uzbekistan.

B4. KILIÇTEK S., ŞAHİN İ., AKGÜMÜŞ GÖK D., **GÖK S.** (2022). Investigation of the Impact of Different Material Types on Quadcopter Ascension Performance, International Scientific Research Congress Dedicated to the 30th Anniversary of Baku Eurasia University, Azerbaijan.

B5. AKGÜMÜŞ GÖK D., **GÖK S.**, KILIÇTEK S. (2022). Design and Investigation of Silencer Diffusers by CFD Method, 2. International Marmara Scientific Research and Innovation Congress, İstanbul.

C. Written national/international books or chapters in books:

C1. National/international books written:

C1.1. **GÖK S.** (2020). Solidworks Simülasyon Temelleri, Seçkin Yayıncılık

C1.2. **GÖK S.**, AKGÜMÜŞ GÖK D. (2021). Solidworks Flow Simulation. 1(1). (ISBN: 978-625-417-241-0)

C2. Chapters in written national/international books:

C2.1. AKGÜMÜŞ GÖK D., GÖK S., (2020). Multidisipliner Mühendislik Çalışmaları ve Uygulamaları. 1(1), 3-20. (ISBN: 978-625-7897-56-3),

D. Articles published in national refereed journals:

D1. AKGÜMÜŞ GÖK D., KILIÇTEK S., **GÖK S.**, YAKUT N. (2023). A Research on the Comparison of Additive Manufacturing Technologies, Gümüşhane University Journal of Science, 13(13), 517-537. (DOI: 10.17714/gumusfenbil.1251130)

D2. AKGÜMÜŞ GÖK D., **GÖK S.**, KILIÇTEK S. (2023). Effect of the Same Sized Holes with Different Geometries and Angles in the Gun Silencer Diffusers on the Acoustic Power Level, Erzincan University Journal of Science and Technology, 16(2), 503-515. (DOI: 10.18185/erzifbed.1246731)

D3. KILIÇTEK S., ŞAHİN İ., AKGÜMÜŞ GÖK D., **GÖK S.** (2023). Investigation of The Impact of Different Material Types on Quadcopter Ascension Performance, Bilecik Şeyh

E. Papers presented at national scientific meetings and published in proceedings books:

E1.

F. Art and design events:

F1.

G. National & International Projects:

G1. Çift Başlıklı 3D Gıda Yazıcısı Tasarımı ve Üretimi, **TÜBİTAK 2209-A, Proje Danışmanı**, 2023 (Proje No: 1919B012221185)