

SERKAN AYDIN

ASST. PROF.

Email : serkan.aydin@marmara.edu.tr

Office Phone : [+90 216 777 4067](tel:+902167774067) Extension: 4067

Fax Phone : [+90 216 777 4051](tel:+902167774051)

Address : Marmara Üniversitesi Teknik Bilimler Meslek

Yüksekokulu Elektronik ve Otomasyon Bölümü Dragos/Kartal/

İstanbul

International Researcher IDs

ScholarID: S0GmddgAAAAJ

ORCID: 0000-0001-9530-520X

Publons / Web Of Science ResearcherID: P-7745-2015

ScopusID: 57196909704

Yoksis Researcher ID: 217424



Biography



He was born in 1980, Istanbul. He completed his undergraduate, graduate and doctorate studies at Marmara University in Electronics and Computer Education. He worked as a teacher in the Ministry of National Education for 12 years. Since 2011, he has been teaching in Marmara University Electronics and Automation Department. Global navigation satellite systems, information networks, embedded systems, vocational technical education are the fields of study. He is married and has a daughter and a boy.

Learning Knowledge

Doctorate 2004 - 2010	Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Electronics-Computer Education, Turkey
Postgraduate 2002 - 2004	Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Electronics-Computer Education, Turkey
Undergraduate 1997 - 2002	Marmara University, Faculty of Technical Education, Electronic and Computer Education, Turkey

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Cyber Security, Cyberops Associate (Siber Güvenlik Sorumlusu Eğitici Eğitimi), Milli Eğitim Bakanlığı, 2021

Occupational Health and Safety, İş Yeri Hekimliği Ve İş Güvenliği Uzmanlığı Eğitici Belgesi, T.C ÇALIŞMA VE SOSYAL GÜVENLİK BAKANLIĞI, 2015

Vocational Training, Motorlu Taşıt Sürücüsü Sınavı Sorumlusu, MİLLÎ EĞİTİM BAKANLIĞI, 2014

Vocational Training, Liderlik, Girişimcilik ve Öğretmenlik Eğitimi, TUBİTAK TÜSSİDE - TÜRKİYE SANAYİ SEVK VE İDARE ENSTİTÜSÜ, 2014

Vocational Training, Intel Eğitici Formatör Öğretmen Eğitimi, MİLLÎ EĞİTİM BAKANLIĞI, 2008

IT, Cisco Certified Network Associate, MARMARA ÜNİVERSİTESİ, 2002

Dissertations

Doctorate, Küresel Uydu Seyrüsefer Sistemleri (GNSS) Araştırma Geliştirme Platformunun Gerçekleştirilmesi, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Electronics-Computer Education, 2010

Postgraduate, Bilgisayar Destekli GPS Eğitim Setinin Tasarlanması, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Electronics-Computer Education, 2004

Academic Titles / Tasks

Assistant Professor 2014 - Continues	Marmara University, Vocational School of Technical Sciences, Electronics and Automation
Lecturer 2011 - 2014	Marmara University, Vocational School of Technical Sciences, Electronics and Automation

Supported Projects

- Aydın S., Project Supported by Higher Education Institutions, Sanal ve Artırılmış Gerçeklik Teknolojisiyle Tümleşik Quantum Bilgisayar Derleyicisi Kullanım Platformunun Gerçekleştirilmesi, 2018 - 2022
- Genç G., Kesen U., Sarıkaş A., Aydın S., Project Supported by Higher Education Institutions, Biyo-Kompozit PCB Kart Tasarımı ve Üretimi, 2017 - 2020
- Kesen U., Ak A., Aydın S., Yayla A., Sarıkaş A., Oral B., Development Agency, GENÇLERİN FİBER OPTİK İLETİM HATLARI MONTAJ VE ÖLÇÜM ELEMANI OLARAK EĞİTİMİ VE İSTİHDAM ORGANİZASYONU, 2012 - 2013

Awards

- Aydın S., BİLİMSEL YAYINLARI TEŞVİK PROGRAMI, Tubitak Ulakbim, January 2017
- Aydın S., BİLİMSEL YAYINLARI TEŞVİK PROGRAMI, Tubitak Ulakbim, January 2016
- Aydın S., BAŞARI BELGESİ, Türkiye Cumhuriyeti İçişleri Bakanlığı, July 2013
- Aydın S., MANSİYON 7.ULUSLARARASI MEB ROBOT YARIŞMASI (HAREKETLİ ROBOTLAR), Milli Eğitim Bakanlığı, May 2013
- Aydın S., TEŞEKKÜR BELGESİ, İstanbul İl Milli Eğitim Müdürlüğü, January 2010
- Aydın S., BAŞARI ÖDÜLÜ, Türkiye Cumhuriyeti Milli Eğitim Bakanlığı, January 2010
- Aydın S., TAKDİRNAME BELGESİ, Türkiye Cumhuriyeti İçişleri Bakanlığı Bahçelievler Kaymakamlığı, January 2009
- Aydın S., BAŞARI ÖDÜLÜ, Milli Eğitim Bakanlığı, January 2009
- Aydın S., AYLIKLA ÖDÜL, Milli Eğitim Bakanlığı, January 2009

10. Aydın S., BAŞARI BELGESİ, Milli Eğitim Bakanlığı, January 2008
11. Aydın S., BİLİMSSEL YAYINLARI TEŞVİK PROGRAMI, Tübitak Ulakbim, January 2008
12. Aydın S., TEŞEKKÜR BELGESİ, Milli Eğitim Bakanlığı Mesleki Ve Teknik Eğitim Genel Müdürlüğü, January 2008
13. Aydın S., TEŞEKKÜR BELGESİ, Bahçelievler İlçe Milli Eğitim Müdürlüğü, January 2004

Jury Memberships

Academic Staff Examination, Academic Staff Examination, Marmara Üniversitesi, January, 2024
Academic Staff Examination, Academic Staff Examination, Marmara Üniversitesi, November, 2023
Post Graduate, Post Graduate, Marmara Üniversitesi, August, 2022
Academic Staff Examination, Academic Staff Examination, Marmara Üniversitesi, July, 2022
Doctoral Examination, Doctoral Examination, İstanbul Arel Üniversitesi, June, 2022
Post Graduate, Post Graduate, İstanbul Arel Üniversitesi, June, 2022
Competition, TUBİTAK 2204-A Lise Öğrencileri Araştırma Projeleri Yarışması, Marmara University, March, 2022
Post Graduate, Post Graduate, Marmara Üniversitesi, September, 2021

Designed Lessons

Aydın S., Navigasyon Algoritmaları ve Hesaplamaları, Postgraduate, 2016 - 2017
Aydın S., GÖMÜLÜ SİSTEM UYGULAMALARI, Postgraduate, 2016 - 2017
Aydın S., Gömülü Sistemler ile Mobil Uygulamalar, Postgraduate, 2015 - 2016
Aydın S., PCB Tasarımı ve Anten Dizaynı, Associate Degree, 2015 - 2016
Aydın S., MOBİL HABERLEŞME SİSTEMLERİ, Associate Degree, 2015 - 2016
Aydın S., ANAHTARLAMALI HABERLEŞME SİSTEMLERİ, Associate Degree, 2015 - 2016

Taught Courses And Trainings

Aydın S., Sarıkış A., ÇOCUKLARLA ROBOTİK KODLAMA ORTA SEVİYE EĞİTİM PROGRAMI 4, 2023 - 2023
Aydın S., Sarıkış A., BİTEKMÜSEM-STEAM 3 (2.kur) Bilişim Ağları, 2023 - 2023
Aydın S., Malkoç T., Sarıkış A., BİTEKMÜSEM-STEAM 2 (1.kur) Nesnelerin İnterneti, 2023 - 2023
Aydın S., Sarıkış A., ÇOCUKLARLA ROBOTİK KODLAMA TEMEL SEVİYE EĞİTİM PROGRAM 5, 2023 - 2023
Aydın S., Sarıkış A., ÇOCUKLARLA ROBOTİK KODLAMA İLERİ SEVİYE 2, 2023 - 2023
Aydın S., Sarıkış A., ÇOCUKLARLA ROBOTİK KODLAMA ORTA SEVİYE EĞİTİM PROGRAMI 3, 2022 - 2023
Aydın S., Sarıkış A., ÇOCUKLARLA ROBOTİK KODLAMA TEMEL SEVİYE EĞİTİM PROGRAM 4, 2022 - 2022
Aydın S., Sarıkış A., Çanayaz E., ÇOCUKLARLA ROBOTİK KODLAMA ORTA SEVİYE EĞİTİM PROGRAMI 2, 2022 - 2022
Aydın S., Sarıkış A., ÇOCUKLARLA ROBOTİK KODLAMA TEMEL SEVİYE EĞİTİM PROGRAMI 3, 2022 - 2022
Aydın S., Çanayaz E., Sarıkış A., ÇOCUKLARLA ROBOTİK KODLAMA İLERİ SEVİYE 1, 2020 - 2021
Aydın S., Çanayaz E., Sarıkış A., ROBOTİK KODLAMA EĞİTİCİNİN EĞİTİMİ 5, 2020 - 2020
Aydın S., Çanayaz E., Sarıkış A., ROBOTİK KODLAMA EĞİTİCİNİN EĞİTİMİ 4, 2020 - 2020
Aydın S., Malkoç T., Çeziktürk Ö., Çanayaz E., Sarıkış A., BİTEKMÜSEM (Bilim TEKnoloji MÜhendislik Sanat Eğitimi Matematik) STEAM-STEM Education, 2020 - 2020
Aydın S., Çanayaz E., ÇOCUKLARLA ROBOTİK KODLAMA ORTA SEVİYE EĞİTİM PROGRAMI 1, 2019 - 2020
Aydın S., Çanayaz E., Sarıkış A., ROBOTİK KODLAMA EĞİTİCİNİN EĞİTİMİ 3, 2019 - 2019
Aydın S., Sarıkış A., Çanayaz E., ÇOCUKLARLA ROBOTİK KODLAMA TEMEL SEVİYE EĞİTİM PROGRAMI 2, 2019 - 2019
Aydın S., ROBOTİK KODLAMA EĞİTİCİNİN EĞİTİMİ 2, 2019 - 2019
Sarıkış A., Çanayaz E., Aydın S., ÇOCUKLARLA ROBOTİK KODLAMA TEMEL SEVİYE EĞİTİM PROGRAMI 1, 2019 - 2019
Aydın S., ROBOTİK KODLAMA EĞİTİCİNİN EĞİTİMİ 1, 2019 - 2019

Designed Courses And Trainings

Aydın S., FİBER OPTİK KABLO SONLANDIRMA EĞİTİMİ, September 2022
Aydın S., Malkoç T., Sarıkaş A., BİTEKMÜSEM STEAM, April 2021
Aydın S., Sarıkaş A., ÇOCUKLARLA ROBOTİK KODLAMA, July 2019
Aydın S., Sarıkaş A., ROBOTİK KODLAMA EĞİTİCİNİN EĞİTİMİ, July 2019

Research Infrastructure Information

Aydın S., Ak A., Kesen U., Yayla A., Sarıkaş A., FİBER OPTİK LABORATUVARI, January 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- Designing a virtual reality programming environment for quantum computers**
Genc H. H., Aydın S., Erdal H.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.30, no.3, pp.690-707, 2022 (SCI-Expanded)
- Luffa/Epoxy Composites: Electrical Properties for PCB Application**
Genç G., Sarıkaş A., Kesen U., Aydın S.
IEEE TRANSACTIONS ON COMPONENTS PACKAGING AND MANUFACTURING TECHNOLOGY, vol.10, no.6, pp.933-940, 2020 (SCI-Expanded)
- Fiber optic training program with intensive experiments using both real laboratory and simulation environments**
Aydın S., Sarıkaş A., Ak A., Yayla A., Kesen U., Oral B.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.27, pp.1419-1428, 2019 (SCI-Expanded)
- Implementation on Visualization of Some Complex Physics Problems Embodied in Difficulty with Interactive Materials for Undergraduates**
Aydın S., Genc H. H.
ACTA PHYSICA POLONICA A, vol.131, pp.74-77, 2017 (SCI-Expanded)
- Education on Visualization of Some Complex Physics Problems in Programing Environment**
Genc H. H., Aydın S.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.24, pp.876-886, 2016 (SCI-Expanded)
- Learning by Developing a Satellite Navigation Simulator**
Aydın S., Kaptan H.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.19, pp.501-507, 2011 (SCI-Expanded)
- Computer-aided mobile GPS education set**
Aydın S., Kaptan H.
INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, vol.24, pp.40-45, 2008 (SCI-Expanded)

Articles Published in Other Journals

- ELEKTRONİK VE OTOMASYON BÖLÜMÜ MÜFREDATININ DEĞİŞİMİ VE II. ÖĞRETİM ELEKTRONİK HABERLEŞME PROGRAMI ÖĞRENCİLERİNİN BAŞARI DURUMLARI**
Aydın S.
Milli Eğitim, vol.48, pp.129-146, 2019 (Scopus)
- The Better Life**
Aydın S.
Dijital Yaşam, vol.1, pp.34-35, 2016 (Non Peer-Reviewed Journal)
- Okul ve Kariyer**

- Aydın S.
Dijital Yaşam, vol.1, pp.26-27, 2015 (Non Peer-Reviewed Journal)
4. **Software Competences of Geomatic Engineering**
Aydın S.
International Journal of Geosciences, vol.6, pp.1277-1284, 2015 (Peer-Reviewed Journal)
5. **Gömülü Elektronik Devreler ve Haberleşme Cihazları**
Aydın S.
Dijital Yaşam, vol.1, pp.26-27, 2015 (Non Peer-Reviewed Journal)
6. **Haberleşme Gizlilik ve İstihbarat**
Aydın S.
Dijital Yaşam, vol.1, no.9, pp.26-27, 2015 (Non Peer-Reviewed Journal)
7. **Employment in the Electronic Communications Sector**
Aydın S.
Dijital Yaşam, vol.1, pp.64-67, 2015 (Non Peer-Reviewed Journal)
8. **Broadcasting Industry and Occupational Health and Safety**
AYDIN S.
Dijital Yaşam, vol.1, pp.58-60, 2015 (Non Peer-Reviewed Journal)
9. **Küresel Uydu Sistemleri ve Uydularımız**
Aydın S.
Dijital Yaşam, vol.1, pp.34, 2015 (Non Peer-Reviewed Journal)
10. **Ulusal Yeterlilik Sistemi**
AYDIN S.
Dijital Yaşam, vol.1, pp.34-35, 2014 (Non Peer-Reviewed Journal)
11. **Transformation of Turkish Vocational and Technical Education**
Aydın S.
Scientific Journal of Education Technology, vol.3, pp.188-196, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

1. **MİKRODENETLEYİCİLER**
Genç H. H., Aydın S. (Editor)
Nobel Yayın Dağıtım, Ankara, 2019
2. **Fiber Optic Transmission Line Installation and Measurement**
AYDIN S., SARIKAŞ A., YAYLA A., AK A., KESEN U., BÖCEKÇİ V. G., BAŞPINAR U., ORAL B.
Lap Lambert, 2016
3. **Fiber Optik Uygulamaları**
Kesen U., Yayla A., Aydın S., Sarıkış A., Böcekçi V. G., Başpınar U., Çetinkaya O., Şenol K., Rıfat T.
PROJE KİTABI, İstanbul, 2013
4. **Monitörler**
Aydın S.
MEB, Ankara, 2007
5. **Portlar**
Aydın S.
MEB, Ankara, 2007
6. **İnternet ve Eposta Yönetimi**
Aydın S.
MEB, Ankara, 2007

Refereed Congress / Symposium Publications in Proceedings

1. **Mesleki Ve Teknik Eğitim Kurumlarının Yeni Nesil Bilişim Aygıtları İle Tanıtımı Ve Fayda Algısının Belirlenmesi**
Batu H. A., Aydın S.
4.Mesleki Eğitim Kongresi, İstanbul, Turkey, 22 - 24 December 2021, vol.1, no.1, pp.1-10
2. **A Novel Approach to the Implementation of Cloud-Based Quantum Programming Platforms in VR Environment**
Genç H. H., Aydın S., Erdal H.
2020 Innovations in Intelligent Systems and Applications Conference (ASYU-2020), İstanbul, Turkey, 15 - 17 October 2020
3. **YÜKSEK HASSASİYETLİ KAYAN NOKTA SAYI HESAPLAMALARINDA BULUT TEMELLİ QUANTUM BİLGİSAYAR PROGRAMLAMA PLATFORMLARININ KULLANIMI**
Genç H. H., Aydın S., Erdal H.
4. ULUSLARARASI MARMARA FEN BİLİMLERİ KONGRESİ, Kocaeli, Turkey, 19 - 20 June 2020, vol.3, pp.387-397
4. **Design of Virtual Reality Browser Platform for Programming of Quantum Computers via VR Headsets**
Genç H. H., Aydın S., Erdal H.
2nd International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Ankara, Turkey, 26 - 27 June 2020
5. **DESIGNING OF BIO-COMPOSITE SUPPORTED METAL SURFACE ISOLATED PRINTED CIRCUIT BOARD**
Aydın S., Kesen U., Sarıkaş A., Genç G.
The International Conference on Materials Science, Mechanical and Automotive Engineerings and Technology in Cappadocia (IMSMATEC 2019), Nevşehir, Turkey, 21 - 23 June 2019
6. **REALIZATION OF LOGIC APPLICATIONS APPLIED THROUGH DIGITAL GATE INTEGRATED CIRCUITS WITH NEW GENERATION DEVELOPMENT PLATFORMS**
Aydın S., Genç H. H.
8th International Vocational Schools Symposium (UMYOS-2019), Sinop, Turkey, 11 - 13 June 2019
7. **MONITORING INDIVIDUAL MOVEMENTS WITH DEPTH MOTION SENSOR**
Kabak S., Aydın S.
8th International Vocational Schools Symposium (UMYOS-2019), Sinop, Turkey, 11 - 13 June 2019, vol.8, pp.106-115
8. **Implementation on Visualization of Some Complex Physics Problems Embodied In Difficulty With Interactive Materials For Undergraduates**
Aydın S., Genç H. H.
6.INTERNATIONAL ADVANCES IN APPLIED PYHSICS AND MATERIALS SCIENCE CONGRES, İstanbul, Turkey, 1 - 03 June 2016, vol.1, pp.77
9. **MEGEP SVET MESLEKİ EĞİTİM VE ÖĞRETİM SİSTEMİNİN GÜÇLENDİRİLMESİ PROJESİ KAPSAMINDA OLUŞTURULAN ELEKTRİK ELEKTRONİK ALANI MODÜLER EĞİTİM SINIFLARININ BAŞARI DÜZEYLERİ**
Aydın S., Meral M.
1. ULUSLARARASI MESLEKİ VE TEKNİK EĞİTİM TEKNOLOJİLERİ KONRESİ, İstanbul, Turkey, 5 - 07 July 2005, vol.1, pp.355-361

Other Publications

1. **GNSS Sistemleri**
Aydın S.
Presentation, pp.1-16, 2015
2. **Radio Frekans Tekniği Ders Notu**
Aydın S.
Lecture Note, pp.1-33, 2015

3. **Analog Haberleşme (Şuan Mühendis olmuş bir öğrencimizin dersimden anladıklarının notudur)**
Aydın S.
Lecture Note, pp.1-45, 2014
4. **Analog Haberleşme Dersi Aktivite Kitabı**
Aydın S.
Lecture Note, pp.1-22, 2014
5. **CAN Bus Haberleşmesi**
Aydın S.
Technical Report, pp.1-17, 2005

Expert Reports

1. **Termal Vaka Analizi**
Aydın S.
XIAOMI, pp.15, İstanbul, 2022

Academic and Administrative Experience

2021 - Continues	Birim EBYS Sorumlusu	Marmara University, Vocational School of Technical Sciences, Electronics and Automation
2020 - Continues	Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi	Marmara University, Vocational School of Technical Sciences, Electronics and Automation
2016 - Continues	Birim Sivil Savunma Komisyonu Başkanı	Marmara University, Vocational School of Technical Sciences, Electronics and Automation
2014 - Continues	Meslek Yüksekokulu Akademik Kurul Üyesi	Marmara University, Vocational School of Technical Sciences, Electronics and Automation
2017 - 2019	Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı	Marmara University, Vocational School of Technical Sciences, Electronics and Automation
2017 - 2019	Meslek Yüksekokulu Kurulu Üyesi	Marmara University, Vocational School of Technical Sciences, Electronics and Automation
2016 - 2019	Head of Department	Marmara University, Vocational School of Technical Sciences, Electronics and Automation
2016 - 2016	Mezunlarla İlişkiler Komisyonu Başkanı	Marmara University, Vocational School of Technical Sciences, Electronics and Automation
2015 - 2016	Deputy Head of Department	Marmara University, Vocational School of Technical Sciences, Electronics and Automation
2014 - 2016	Mezunlarla İlişkiler Komisyonu Üyesi	Marmara University, Vocational School of Technical Sciences, Electronics and Automation

Courses

BİTİRME PROJESİ, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016

MİKROİŞLEMCİLER, Undergraduate, 2023 - 2024, 2022 - 2023

MOBİL HABERLEŞME SİSTEMLERİ, Associate Degree, 2023 - 2024, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

BİLİŞİM AĞLARI VE IP HABERLEŞMESİ, Associate Degree, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020

GÖMÜLÜ SİSTEM UYGULAMALARI, Postgraduate, 2022 - 2023, 2021 - 2022, 2017 - 2018, 2016 - 2017

ANAHTARLAMALI HABERLEŞME SİSTEMLERİ, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

BİLGİSAYAR DESTEKLİ DEVRE TASARIMI, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

NAVİGASYON ALGORİTMALARI VE HESAPLAMALARI, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Associate Degree, 2022 - 2023, 2019 - 2020, 2018 - 2019

GÖMÜLÜ SİSTEMLER İLE MOBİL UYGULAMALAR, Doctorate, 2022 - 2023, 2017 - 2018

RADYO FREKANS TEKNİĞİ, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

İLERİ MİKRODENETLEYİCİLER, Associate Degree, 2021 - 2022, 2019 - 2020, 2018 - 2019

ELEKTRONİK DEVRELERE GİRİŞ, Undergraduate, 2021 - 2022

GÖMÜLÜ SİSTEMLER İLE MOBİL UYGULAMALAR, Postgraduate, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

TOPLUMA HİZMET UYGULAMALARI, Associate Degree, 2021 - 2022, 2020 - 2021

RADYO FREKANS TEKNİĞİ, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

HABERLEŞMENİN TEMELLERİ, Associate Degree, 2020 - 2021

ANAHTARLAMALI HABERLEŞME SİSTEMLERİ, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

MOBİL HABERLEŞME SİSTEMLERİ, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

OPTİK ELEKTRONİK, Associate Degree, 2019 - 2020, 2017 - 2018

BİTİRME PROJESİ, Associate Degree, 2018 - 2019, 2015 - 2016

OPTİK ELEKTRONİK, Associate Degree, 2019 - 2020, 2018 - 2019

İŞ SAĞLIĞI VE GÜVENLİĞİ, Associate Degree, 2019 - 2020

ANALOG HABERLEŞME, Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

ANALOG HABERLEŞME, Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

ANALOG HABERLEŞME, Associate Degree, 2017 - 2018, 2016 - 2017

ELEKTRONİK GÖMÜLÜ SİSTEM UYGULAMALARI, Postgraduate, 2015 - 2016

ELEKTRONİK GÖMÜLÜ SİSTEM UYGULAMALARI, Doctorate, 2015 - 2016

İLERİ ANTEN TASARIMI, Postgraduate, 2014 - 2015

Advising Theses

Aydın S., MESLEKİ TEKNİK EĞİTİM KURUMLARININ SANAL ORTAMLARDA BİLİŞİM AYGITLARI İLE TANITIMININ GERÇEKLEŞTİRİLMESİ VE FAYDA ALGISININ ÖLÇÜLMESİ, Postgraduate, H.AVNİ(Student), 2022

Aydın S., Erdal H., Sanal ve Artırılmış Gerçeklik Teknolojisiyle Tümlleşik Quantum Bilgisayar Derleyicisi Kullanım Platformunun Gerçekleştirilmesi, Doctorate, H.Hakan(Student), 2022

Aydın S., DEZAVANTAJLI BİREYLERİN AKTİVİTELERİNİ KONTROL EDEN GÖRÜNTÜ ALGILAMA PLATFORMUNUN GERÇEKLEŞTİRİLMESİ, Postgraduate, S.KABAK(Student), 2021

Patent

Genç G., Sarıkas A., Kesen U., Aydın S., ELEKTRONİK DEVRE UYGULAMALARI İÇİN BİTKİSEL LİF TAKVİYELİ BİR BİYO-KOMPOZİT PCB PLAKET, Patent, CHAPTER H Electricity, The Invention Recourse Number: 2020/15155 , Standard Registration, 2020

Activities in Scientific Journals

Computer Applications In Engineering Education, Committee Member, 2019 - Continues

Scientific Refereeing

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, December 2022
INTERNATIONAL JOURNAL OF PURE AND APPLIED SCIENCES, National Scientific Refreed Journal, December 2021
Turkish Journal Of Electrical Engineering And Computer Sciences, Journal Indexed in SCI-E, September 2021
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Marmara University, Turkey, April 2021
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, April 2021
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, SCI Journal, October 2020
Journal Of Science Education And Technology, Journal Indexed in SCI-E, August 2020
INTERNATIONAL JOURNAL OF PURE AND APPLIED SCIENCES, National Scientific Refreed Journal, December 2019
Computer Applications In Engineering Education, Journal Indexed in SCI-E, October 2019
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, August 2019
International Journal Of Electrical Engineering Education, Journal Indexed in SCI-E, May 2019
Computer Applications In Engineering Education, Journal Indexed in SCI-E, May 2019
Computer Applications In Engineering Education, Journal Indexed in SCI-E, May 2019
Computer Applications In Engineering Education, Journal Indexed in SCI-E, May 2019
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, TÜBİTAK, Turkey, March 2019
Computer Applications In Engineering Education, Journal Indexed in SCI-E, February 2019
International Journal Of Electrical Engineering Education, Journal Indexed in SCI-E, January 2019
Computer Applications In Engineering Education, Journal Indexed in SCI-E, October 2018
Computer Applications In Engineering Education, Journal Indexed in SCI-E, September 2018
Computer Applications In Engineering Education, Journal Indexed in SCI-E, August 2018
Computer Applications In Engineering Education, Journal Indexed in SCI-E, April 2018
International Journal Of Electrical Engineering Education, Journal Indexed in SCI-E, March 2018
Computer Applications In Engineering Education, Journal Indexed in SCI-E, January 2018
International Journal Of Electrical Engineering Education, Journal Indexed in SCI-E, January 2018
Computer Applications In Engineering Education, Journal Indexed in SCI-E, January 2018
International Journal Of Electrical Engineering Education, Journal Indexed in SCI-E, December 2017
International Journal Of Electrical Engineering Education, Journal Indexed in SCI-E, October 2017
Computer Applications In Engineering Education, Journal Indexed in SCI-E, September 2017
Computer Applications In Engineering Education, Journal Indexed in SCI-E, September 2017
Computer Applications In Engineering Education, Journal Indexed in SCI-E, August 2017
EUROPEAN JOURNAL OF ENGINEERING EDUCATION, Journal Indexed in ESCI, June 2017
Computer Applications In Engineering Education, Journal Indexed in SCI-E, February 2017
Computer Applications In Engineering Education, Journal Indexed in SCI-E, November 2016
EUROPEAN JOURNAL OF ENGINEERING EDUCATION, Journal Indexed in ESCI, October 2016
Computer Applications In Engineering Education, Journal Indexed in SCI-E, September 2016
Computer Applications In Engineering Education, Journal Indexed in SCI-E, January 2016
Computer Applications In Engineering Education, Journal Indexed in SCI-E, January 2016

Computer Applications In Engineering Education, Journal Indexed in SCI-E, January 2015
Computer Applications In Engineering Education, Journal Indexed in SCI-E, November 2014
Computer Applications In Engineering Education, Journal Indexed in SCI-E, October 2014
IEEE Transactions On Education, SCI Journal, June 2013
Computer Applications In Engineering Education, Journal Indexed in SCI-E, October 2012
Computer Applications In Engineering Education, Journal Indexed in SCI-E, March 2012
Computer Applications In Engineering Education, Journal Indexed in SCI-E, November 2011
Computer Applications In Engineering Education, Journal Indexed in SCI-E, October 2011
Ieee Transactions On Education, SCI Journal, August 2011
Computer Applications In Engineering Education, Journal Indexed in SCI-E, July 2011
Computer Applications In Engineering Education, Journal Indexed in SCI-E, March 2011
Computer Applications In Engineering Education, Journal Indexed in SCI-E, June 2010
Computer Applications In Engineering Education, Journal Indexed in SCI-E, February 2010
Computer Applications In Engineering Education, Journal Indexed in SCI-E, August 2009
Computer Applications In Engineering Education, Journal Indexed in SCI-E, February 2009
Computer Applications In Engineering Education, Journal Indexed in SCI-E, October 2008
Ieee Transactions On Education, SCI Journal, June 2008

Tasks In Event Organizations

Aydın S., 10.Akıllı Sistemlerde Yenilikler Ve Uygulamaları Konferansı, Scientific Congress, İstanbul, Turkey, Ekim 2020

Metrics

Publication: 40
Citation (WoS): 16
Citation (Scopus): 28
H-Index (WoS): 3
H-Index (Scopus): 4

Congress and Symposium Activities

ÜMYOS-8.ULUSLARARASI MESLEK YÜKSEKOKULLARI SEMPOZYUMU, Session Moderator, Sinop, Turkey, 2019

Research Areas

Information Systems, Communication and Control Engineering, Electrical and Electronics Engineering, Engineering and Technology

Non Academic Experience

MİLLÎ EĞİTİM BAKANLIĞI İMMİB ERKAN AVCI MESLEKİ VE TEKNİK ANADOLU LİSESİ
National Education Directorate, Ministry of National Education