



Assist. Prof. Dr. ONUR AĐMA

Mahmutbey Technology Campus

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Interview Hours: Salı 11.30 - 13.30 arşamba 13.30 - 15.30

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Onur Agma



EDUCATIONAL INFORMATION

Degree	University	Department	Year(s)
Doctoral Degree	Yildiz Technical University	Makine Mühendisliđi - Heat and Process (PhD)	2017 - 2024
Master's Degree	Istanbul Technical University	Nano-science and Nano-engineering (masters) (with Thesis)	2014 - 2016
Master's Degree	Istanbul University	Mechanical Engineering (masters) (with Thesis)	2013 - 2016
Bachelor's Degree	Mersin University	Department of Mechanical Engineering	2008 - 2012

RESEARCH AREAS

Nanotechnology, Composite Materials, Heat Transfer, Electric Vehicles

ACADEMIC DUTIES

Duty	University	Area	Year(s)
Doctor Faculty Member	Altinbas University	Department of Mechanical Engineering	2025 -
Research Assistant	Altinbas University	Department of Mechanical Engineering	2018 - 2025

ADMINISTRATIVE DUTIES

Duty	University	Year(s)
Graduate Studies Vice Director	Altinbas University	2026 -
Mechanical Engineering Head of Department	Altinbas University	2025 -
Electric, Autonomous and Unmanned Vehicles Application and Research Center - Lead Researcher	Altinbas University	2021 - 2024

ACADEMIC AND PROFESSIONAL MEMBERSHIPS

Organisation	Membership	Year(s)
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NON-UNIVERSITY EXPERIENCE

Country	Organisation	Duty	Year(s)
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BOOKS

Structural Integrity and Monitoring for Composite Materials

AĐMA ONUR, BAŐTÖRK SÖLEYMAN

Springer Nature Singapore, 978-981-19-6282-0, 2023

Scientific Book Chapter(s)

MİLLİ TEKNOLOJİ HAMLESİ

ERHAN AĐRI,BAŐTÖRK SÖLEYMAN,ATILLA DOĐU AĐDAŐ,ATA OĐUZ,AĐMA ONUR

Türkiye Bilimler Akademisi, 978-625-8352-16-0, 2022

Scientific Book Chapter(s)

BOOKS

NATIONAL TECHNOLOGY INITIATIVE

ERHAN ÇAĞRI, BAŞTÜRK SÜLEYMAN, ATILLA DOĞU ÇAĞDAŞ, ATA OĞUZ, AĞMA ONUR
TURKISH ACADEMY OF SCIENCES, 978-625-8352-17-7, 2022

Scientific Book | Chapter(s)

ARTICLES

Experimental study of nucleate pool boiling with water in atmospheric pressure

AĞMA ONUR, YILDIZ SEBİHA

Thermal Science, 2023

International | DOI: 10.2298/TSCI230627210A

A review on non-electro nanofibre spinning techniques

CANBAY GÖKÇE EMİNE, PAMPAL ESRA ŞERİFE, ÇALIŞIR MEHMET DURMUŞ, AĞMA ONUR, POLAT YUSUF,
AKGÜL YASİN, KILIÇ ALİ

Royal Society of Chemistry (RSC), 2016

International | DOI: 10.1039/c6ra16986d

Ultrasonic coating of nanofibrous webs: a feasible approach to photocatalytic water filters

KILIÇ ALİ, PAMPAL ESRA ŞERİFE, POLAT YUSUF, AĞMA ONUR

JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH, 2016

International | DOI: 10.1007/s11998-015-9718-8

PROCEEDINGS

PROJECTS

SÜR-TOR Sistemlerinin Prototip Üretimi Projesi (Researcher)

Scientific research project supported by Higher Education Institutions, 31.01.2022 - 31.03.2022

National | Completed

Technical Analysis for High Power Electric Switch for Installation in a Telescopic Current Collector (TCC) System (Researcher)

Private Organizations, 30.10.2022 - 01.03.2023

International | Completed

Yüksek Faydalı Yük Taşıma Kabiliyetli Bir İnsansız Hava Aracının Gövdesi ve Aviyonik Sistemlerinin Tasarımı ve Analizi (Researcher)

Scientific research project supported by Higher Education Institutions, 21.02.2021 - 30.11.2021

National | Completed

EVA Elektrikli Araç İyileştirilmesi ve Geliştirilmesi Projesi (Executive)

Scientific research project supported by Higher Education Institutions, 21.01.2021 - 20.09.2021

National | Completed

Bulut Altı İnsansız Hava Araçlarında Kullanılmak Üzere Yüksek Verimli, Hafif ve Düşük Akustik Görünürlüğe Sahip Elektrikli İtici Motoru Tasarımı ve İmalatı Projesi (Researcher)

Scientific research project supported by Higher Education Institutions, 16.03.2023 - 29.09.2023

National | Completed

EVA-2 Elektrikli Araç Geliştirilmesi Projesi (Researcher)

Scientific research project supported by Higher Education Institutions, 11.02.2020 - 27.08.2020

National | Completed

Optimum Verimli ve Hafifletilmiş Elektrikli Araç Batarya Paketi Tasarımı ve Üretimi (Researcher)

Scientific research project supported by Higher Education Institutions, 07.03.2023 - 07.10.2023

National | Completed

THESIS SUPERVISION

COURSES

Course Type	Course Code	Course Name
Bachelor's Degree	ME207	ENGINEERING MATERIALS
Master's Degree	ECE587	ENGINEERING AND TECHNOLOGY MANAGEMENT
Other	ME440	VEHICLE ENGINEERING
Master's Degree	DA525	ADVANCED PROJECT MANAGEMENT TECHNIQUES
Bachelor's Degree	ME309	FLUID MECHANICS I
Bachelor's Degree	ME341	MANUFACTURING PROCESSES
Bachelor's Degree	ME442	ELECTRIC VEHICLE DESIGN
Master's Degree	ME523	NANOMATERIALS IN MECHANICAL ENGINEERING
Master's Degree	IGS597	SEMINAR
Bachelor's Degree	ME466	UNMANNED AERIAL VEHICLE (UAV) DESIGN

PERSONAL INFORMATION

CONTACT INFORMATION

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