

PROF. DR. AHMET TURAN ÖZDEMİR

ASPİLSAN Enerji General Manager

Prof. Dr. Ahmet Turan Özdemir graduated from the Electronics Department of the Vocational High School of Industry. He completed his bachelor's, master's, and doctoral degrees in the Department of Electronics Engineering at Erciyes University in 2002, 2004, and 2010, respectively. Between 2007 and 2008, he worked at the Autonomous Underwater Vehicles (AUV) Laboratory at the Massachusetts Institute of Technology (MIT). From 2008 to 2009, he worked on the “High-speed Data Acquisition with FPGA” project as a TÜBİTAK 1001 scholar in the Department of Physics at Boğaziçi University. Between 2011 and 2012, he worked as a Postdoctoral Researcher in the Department of Electrical and Electronics Engineering at Bilkent University.

He has served in various roles such as manager, executor, consultant, researcher, scholar, mentor, panelist, referee, and observer in many TÜBİTAK programs. He was assigned to Defense Technologies Engineering Inc. (STM) between 2012 and 2013 to conduct research. From 2013 to 2014, he worked on the design of Automated Ultrasonic Non-Destructive Testing (NDT) devices at Turkish Aerospace Industries Inc. (TAI) facilities and led projects on the design and production of Türkiye's first domestic NDT systems. In 2013, he was awarded the first place out of approximately 1500 applicants in the Ministry of Industry and Technology's Techno-Enterprise Capital Support Program. The successful outcomes of the products resulting from this support were further rewarded by the Ministry of Industry and Technology and TAI in subsequent processes. In 2012, he founded Ultrasonar Defense and Aviation Technologies Inc. and left the company in 2023 due to his duties at ASPİLSAN Enerji.

As a faculty member in the Department of Electrical and Electronics Engineering at Erciyes University, he has taught undergraduate, master's, and doctoral courses in digital design, acoustics, and entrepreneurship. He has numerous scientific publications, projects, patents, and editorial roles, and he has been awarded academic incentives by the Council of Higher Education every year since 2016. He has advised the IEEE student branch at Erciyes University, supporting students in conducting industry theses and participating in competitions. The students he has mentored have received awards in many national and international competitions.

He serves as a Board Member at the Erciyes University Technology Transfer Center, ERÜ Energy Conversion Research and Application Center, and ERÜ Computer Sciences Research Center, and as an Advisory Board Member at the ERÜ Clinical Research Center. He is also the President of the IEEE Aerospace and Electronic Systems Society (AESS) Türkiye Chapter and the IEEE Türkiye Vitality Coordinator. He is a Board Member of the University Industry Cooperation Research Foundation and a member of the Advisory Board of the Kayseri Branch of the Turkish Informatics Association and the TÜZDEV Science Board. He is also a Board Member of PİLDER.

As a result of his work in University-Industry Cooperation, he was selected as the Kayseri representative for Public-University-Industry Cooperation in 2020. He has held positions in the Presidency's Science, Technology, and Innovation Policies Council Energy Storage Technologies Working Group, the Digital Transformation Office's National Artificial Intelligence Strategy Working Group, the Ministry of Environment and Urbanization's 2022 Climate Council Science and Technology Commission, and the Defense Industry Presidency's Acoustic Focus Technology Network (OTAĞ) Signal Processing and Electronics Working Group.

In 2015, he was elected as a member of the Sector Working Group at ASPİLSAN Enerji Inc. He actively participated in the company's first TÜBİTAK project, first trademark registration, first patent application, and first utility model registration. On April 15, 2019, he was elected to the Board of Directors of ASPİLSAN Enerji Inc. at the Ordinary General Assembly meeting and subsequently served as Vice Chairman and Chairman of the Board of Directors. Since September 13, 2023, he has been serving as the General Manager.

Prof. Dr. Ahmet Turan Özdemir is married with two children.