CURRICULUM VITAE AND PUBLICATIONS LIST

CURRICULUM VITAE

Name and Surname:	Kansu Oğuz CANBEK
Date of Birth:	1992
Academic Title:	Lecturer
Work Address:	
Email:	kcanbek@biruni.edu.tr
Foreign Languages Known (Score and Year):	English, C1 Advanced, 2025 English, C1 Advanced, 2024
Area of Expertise:	Control and System Engineering Engineering and Technology Information Systems, Communication and Control Engineering Robotics and Mechatronics Systems

Degree	Department/Program	University	Year
Doctorate	MEKATRONİK MÜHENDİSLİĞİ (DR)	Yildiz Technical University	Continues
Master's Degree	MEKATRONİK MÜHENDİSLİĞİ (YL) (TEZLİ)	Istanbul Technical University	2019
Bachelor's Degree	Mekatronik Mühendisliği	Bahçeşehir University	2015

Master's Thesis Title (abstract attached) and Thesis Supervisor(s):

Positional drift compensation of mecanum wheeled robots using artificial neural networks

Position Title	Workplace	Year
Lecturer	Biruni University	2025-Continues
Research Assistant	İstanbul Bilgi University	2017-2024

Administrative Duties:

Head of Department - Biruni University (2025 - Continues)

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. "Learning-Based Dynamic Takagi–Sugeno Fuzzy Modeling of Nonlinear Systems", International Journal of Fuzzy Systems, 2025.

A2. "Drift compensation of a holonomic mobile robot using recurrent neural networks", Intelligent Service Robotics, 2022.

A3. "A multiple sensor fusion based drift compensation algorithm for mecanum wheeled mobile robots", TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES, 2021.

B. Papers presented at international scientific meetings and published in proceedings:

B1. "Development and Characterization of a Wearable Ring Providing Haptic Feedback", Innovations in Intelligent Systems and Applications Conference (ASYU), 2022.

B2. "Trajectory Tracking of a Quadcopter Using Fuzzy-PD Controller", 13th International Conference on Electrical and Electronics Engineering (ELECO), 2022.

B3. "Real-Time Implementation of an Interval Type-2 Fuzzy Logic Controller for the Trajectory Tracking of an UAV", 5th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), 2021.

B4. "Automated Student Attendance System Using Face Recognition", 4th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), 2020.