

**OZLEM GULSUM KILICKAYA**

Eureka- Technical Expert

ozlemgulsumkilickayaphd@gmail.com

ozlemgulsumkilickaya@gmail.com

Tel: +90543 745 32 99

Research Fields: Mechatronics Engineering, Intelligent Systems, Robotics, System dynamics and control, Control systems, Attitude control of miniature satellites, Miniature satellites (Cubesat, Cansat, etc.), Matlab-Simulink, R/C/C++, Python, Arduino, Raspberry Pi, ROS (Robot Operating System), Autonomous Systems, Drones, UAV, Swarm Intelligence and Robotics, Data Science, Non-linear Time Series Analysis, CAD/CAM, Manufacturing Engineering, Engineering and Technology Management.

Education:

Elementary: Arı College (1994-2002)

High School: Arı Scientific School (2002-2005)

University: Hacettepe University/Mining Engineering (100% English) (2006-2012)

Master's with thesis (scholarship): Atilim University /Mechatronics Engineering (100% English) (2013-2016)

Doctoral (PhD): Baskent University-Defense Technologies and Systems (2019-)

Professional Certificates- Engineering and Technology:

University of Maryland- Drones and Autonomous Systems (2019)

Harvard University- Data Science (2019)

Professional Certificates- Entrepreneurship:

Certificate in applied entrepreneurship (2019)

KOSGEB: Small and Medium Industry Development Organization of Turkey, Ankara (Turkey)-2019

Editing Training:

1. Cactus University (Cactus Global)- 2019
2. Purdue University-Online Writing Lab-2019

Experience-General:

1. Translator (2009-)
2. ASELSAN-ITU Cubesat Project (Atilim University-scholarship): 2014-2016
3. European Union Projects (abroad- remote): 2017-2019

Project Leader (undergraduate level) and Consultant:

- ROS projects
- Aerospace: drones, UAV's and miniature satellites
- Transportation: catenary free trams
- Literature and patent research
- Matlab/Simulink projects

4. Eureka: Technical Expert (2019-)
5. Enago- Editor (Physical Sciences and Engineering)- (March 2020-July 2020)

Languages:

Mother tongue(s)	Turkish				
Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
	C2	C2	C2	C2	C2
	C2	C2	C1	C1	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Master's thesis:

Title: Attitude Control of Cubesat in Single Axis by Fuzzy Logic Controller

Conference Proceedings:

1. 4th International Conference of Control, Dynamic Systems and Robotics (CDSR'17) Toronto, Canada

Title: Attitude Control of Cubesat in Single Axis by Fuzzy Logic Controller

2. 9th International Conference on Advanced Technologies. Istanbul, Turkey.

Title: Fault Detection of Bearings with Time Series Analysis: A Pilot Study.

Challenges:

1. NASA Robotic Arm Challenges-2018

Hobbies and Interests:

1. Sports

Swimming

- National Championship of Swimming: Gaziantep/Turkey (2009)

Gold medalist- 100 m backstroke

Silver medalist- 100 m breaststroke

- National Championship of Swimming: Kahramanmaras/Turkey (2010)

Gold medalist- 50 m freestyle (National record)

2. E-sports

3. Foreign Languages & Cultures, Travelling

4. Poker and Chess