

1. Faculty Name

- a. Azize Akçayoğlu, Ph.D.

2. Education

- a. Ph.D., Mechanical Engineering, Cukurova University, Adana, Turkey, 2004
- b. M.S., Mechanical Engineering, Mersin University, Mersin, Turkey, 1998
- c. B.S., Mechanical Engineering, Cukurova University, Adana, Turkey, 1994

3. Academic Experience

- a. Angelo State University, Associate Professor & Associate Chair, 2021-present, full time
- b. Florida State University, Panama City, Assistant Teaching Professor, 2018-2021, full time
- c. Pennsylvania State University, Behrend, Assistant Teaching Professor, 2016-2018, full time
- d. University of North Texas, Denton, Visiting Adjunct Professor, 2014-2016, part time
- e. Mersin University, Turkey, Associate Professor, 2012-2014, full time
- f. Mersin University, Turkey, Assistant Professor, 2011-2012, full time
- g. Brunel University, London, Postdoctoral Researcher, 2009-2011, full time
- h. Mersin University, Turkey, Postdoctoral Researcher, 2004-2009, full time

4. Current Membership in Professional Organizations

- a. The American Society of Mechanical Engineers (ASME)
- b. American Society of Chemical Engineers

5. Honors and Awards

- a. Outstanding Reviewer Award, Applied Thermal Engineering, ELSEVIER, 2017
- b. Recognized Reviewer Award, ELSEVIER, Applied Thermal Engineering 2017.

6. Service Activities

- a. Conference Organizing Committee Member, AERO 2020, Global Congress on Aerospace and Aeronautical Engineering
- b. ABET coordinator, Mechanical Engineering Department, FSU-Panama City, 2019-2021
- c. Manager, Material Science and Thermal Fluids Labs, FSU-Panama City, 2019-2021
- d. Member, Distance Learning Committee, FSU-Panama City, 2019-2021
- e. Member, Faculty Search Committee, FSU-Panama City, 2019-2021
- f. Member, Academic honor policy hearing panel, FSU-Panama City, 2019-2021
- g. Editorial board member, Journal of Advanced Thermal Science Research, 2016-to date
- h. Editorial board member, Journal of Physics, SCIREA, Science Research Association, 2019-to date.
- i. Editorial board member, Sustainability, Journal Topic Editor, 2020-to date.
- j. Editorial board member, American Journal of Science and Technology, 2014-2016
- k. Editorial board member, Engineering and Technology, 2014-2016

- l. Advisory Board Member, International Symposium on Advances in Thermo-Fluid Sciences, September 29, 2016, organized by MCKV Institute of Engineering (MCKVIE), West Bengal, India.
- m. Manager, Computational Fluid Dynamics Simulation Laboratory, Mersin University, 2012.
- n. Nominee, "Outstanding Teaching in the Major" category, FSU Panama City, 2021.
- o. Advisor, Senior Design Project, 36 students, Mersin University, Penn State University, Florida State University, 2010-2021.
- p. Mentor, 4 MSc Thesis, Mersin University, 2012-2016.
- q. Co-Chair, 1 MSc Thesis, Gaziantep University, 2013-2020.
- r. Supervisor, 2 Individual Research, 2011-2012.
- s. Member, MSc Committee, 5 Thesis, 2011-2015.
- t. Principal Investigator, and Investigator of 11 research projects (5 externally funded, 6 internally funded), 1996-2017.
- u. Reviewer, Completed 61 peer-review for research journal articles.
- v. Chair, several committees, Mersin University, 2010-2014
- w. Supervisor, Aviation Society of Mersin University (Registered Student Organization), 1995-2000.

7. Recent Publications and Presentations

- a. Akcayoglu, A. (2021). "A New Model Developed for Less Fuel Consumption of Aircrafts" *AERO 2021, Global Congress on Aerospace and Aeronautical Engineering*, Webinar, March 29, 2021.
- b. Celal Nazli, Akcayoglu, A., Fuat Yilmaz, (2019). "Computational study of vortex generators on gas turbine blade internal cooling channel using efficient heat transfer surfaces", *2nd International Conference on Life and Engineering Sciences-ICOLES*, June 27-29, 2019, Istanbul, Turkey
- c. Akcayoglu, A., Nazli, C., (2018). "A Comprehensive Numerical Study on Thermo-hydraulic Performance of Fluid Flow in Triangular Ducts with Delta-winglet Vortex Generators", *Heat Transfer Engineering*, Vol. 39(2), pp 107-119
- d. Akcayoglu, A., Nazli, C., (2017). "Thermal enhancement of triangular fins based on spanwise distance of vortex generators", *Proceedings of the Institution of Engineers, Part C: Journal of Mechanical Engineering Science*, Vol. 231(13), pp 2554-2566.
- e. Akcayoglu, A. (2017). "Efficiency improvement in electronics cooling", *The 33rd ITCC International Thermal Conductivity Conference*, May 15 - May 18, 2017 Utah State University, Logan, UT (Published as Book Chapter In *Thermal Conductivity 33, Destech Publications, PA, USA*, pp. 257-263, ISBN 978-1-60595-535-3).

8. Recent Professional Development Activities

- a. Presented in the *AERO 2021, Global Congress on Aerospace and Aeronautical Engineering*, Webinar on March 29, 2021
- b. Participant ABET Symposium April 11-12 2019, Dallas, TX
- c. Completed ABET fundamentals of Program Assessment Workshop, April 2019
- d. Presented in the 33rd ITCC International Thermal Conductivity Conference, May 15 - May 18, 2017 Utah State University, Logan, UT