

DR. SALAH M. HAFEZ

Assistant Professor, Aeronautical Engineering Dept., King Abdulaziz University

Education

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
Dip Ed	Education	University of Melbourne, Australia	2002
PhD	Mechanical Engineering	University of Melbourne, Australia	1991
MS	Mechanical Engineering	Cairo University, Egypt	1985
BS	Mechanical Engineering	Cairo University, Egypt	1979

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part-Time</i>
1993	1998	Cairo Univ.	Assist Prof.		Full-Time
1998	2006	Univ. of Melbourne.	Research Fellow		Full-Time
2006	Date	King Abdul Aziz Univ.	Assist Prof.		Full-Time

Non Academic Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description (Brief)</i>	<i>Full or Part-Time</i>
1993	1993	Hamza & Assoc., Egypt	Consultant	Improving thermal efficiency for waste heat boiler, Cairo	Part-Time
1995	1995	Hamza & Assoc., Egypt	Consultant	west thermal power plant Design of Hydro-Mechanical systems	Part-Time
1996	1998	EQE Consultants, Egypt	Consultant	Provide training and technical support for ISO 9000 and ISO 14000 accreditation	Part-Time

Certifications and Professional Registrations

Registered Professional Engineer in Egypt

Current Membership in Professional Societies and Organizations

<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1. Egyptian Syndicate of Professional Engineers	Member	1979
2. Saudi Society for Aerospace Sciences	Member	2012

Honors and Awards

1. I.B.M Cairo Scientific Centre, May - September 1984 and 1985.
2. Melbourne University Postgraduate Scholarship, 1986-1990.

Service Activities (within and outside of the institution)

1. Academic advisor, more than 100 students, over 14 years, Aerospace Eng. Dept., KAU, 1996-present
2. AE Program Champion for ABET Reaccreditation, 2010 - present.
3. Head of laboratory and AE Departmental Accrediation Committees, 2010 - present..

Principal Publications/Presentations from the Past Five Years

1. Mahmood Khalid, Khalid A. Juhany, Salah Hafez, (2018) "Computational modeling of the flow in a wind tunnel," Aircraft Engineering and Aerospace Technology, Vol. 90 Issue: 1, pp.175-185.
2. S. Alzhrani, S. Hafez, K. A. Juhany and I. Al-Qadi. Tomo-PIV Measurements of Flow Around A slender Body at High Angles of Attack. Fluid Mechanics and its Applications Volume: "Instability and Control of Massively Separated Flows," Springer, 2015.
3. Al-Qadi, I., Khalid, M. and Salah, H., 'Aerodynamic Performance Studies with a Trailing Edge Jet Flap', Can. Aeronaut. Space J., Vol. 60, No. 2, pp. 23_35, 2014.
4. S. Alzhrani, S. Hafez, K. A. Juhany and I. Al-Qadi. Tomo-PIV Measurements of Flow Around A slender Body at High Angles of Attack. ICOMASEF, Prato, Italy Sep. 2013
5. Al-Qadi, I., Khalid, M. and Salah, H., 'Aerodynamic Performance Studies with a Trailing Edge Jet Flap', 51st AIAA conference, Dallas, Jan 2013, AIAA2013-0239.

Recent Professional Development Activities (*Workshops, training, etc.*)

1. "Recent Changes in EAC of ABET Accreditation Requirements," ASU Workshop, Faculty of Engineering, King Abdulaziz University, Jeddah, Saudi Arabia, Jan. 2020
2. ABET Institute for the Development of Excellence in Assessment Leadership (IDEAL) Workshop, Gloria Rogers, ABET Foundation, King Abdulaziz University, Jeddah, Saudi Arabia, Sept. 2013.
3. Application of Pressure Sensitive Paint - Theory and Practice, DLR, Sep. 2011.
4. Application of Particle Image Velocimetry - Theory and Practice, DLR, Feb. 2008.