

DR. HARASANI, Wail I.*Assistant Professor, Aeronautical Engineering Dept., King Abdulaziz University***Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Aerospace Engineering	Cranfield University	2005
MS	Aerospace Engineering	Kansas University	1999
BS	Aeronautical Engineering	King Abdul Aziz University	1997

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>
2005	Date	King Abdulaziz University	Assist. Prof.		Full time
2008	2009	Cranfield University	Visiting Professor	Recognized Teacher	Full time

Non Academic Industrial 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>
1997	1998	Saudi Arabian Airlines (Engineering Dept.)			Part time
1998	1999	Aero-Tech Corporation (U.S.A.)	Engineer		Full time

Funded Research Projects and Patents from the Past Five Years

- Design and fly test a solar UAV, KAU funded project No. 431/009, in cooperation with Tokay University of Japan, a 3 years project, 2013-present
- Design built and flight test the first Unmanned Aerial Vehicles in King Abdulaziz University.

Certifications and Professional Registrations

None

Current Membership in Professional Societies and Organizations

None

Honours and Awards

Accorded Recognized Teacher Status from Cranfield University, UK, 2008

Institutional and Professional Services (administration, committees, units, etc.)

- Head of the Alumni, Industrial Relations and Training Committee, AE Dept., KAU, 2006-present.
- Member of the Student Affairs Committee, AE Dept., KAU, 2006-present

Principal Publications/Presentations from the Past Five Years

- Wail I. Harasani, "Design, Build and Test an Unmanned Air Vehicle", Paper No. ME/649/0230, Journal of

- King Abdul Aziz University. 2010.
2. Wail Harasani, Mahmood Khalid, Nobuyuki Arai, Kota Fukuda, and Katsumi Hiraoka, "Initial Conceptual Design and Wing Aerodynamic Analysis of a Solar Power Based UAV", The Aeronautical Journal, paper 3927, 2013.
 3. Mostefa Bouchak, Adnan Khan, Salah A. Badr, and Wail Harasani, "Acoustic Emission Characterization of Matrix Damage Initiation in Woven CERP Composites", Materials Sciences and Applications, 2013, 4, 509-515.
 4. Mostefa Bouchak, and Wail Harasani, "Analytical and experimental investigation of cross ply and angle ply GFRP composites laminates tensile properties", Science and Engineering of Composite Materials, SECM.2013.0105.R2.
 5. Yuichiro HANAMOTO, Wail Harasani, and Katsumi Hiraoka, "Longitudinal Stability Analysis of Solar UAV". The Asia-Pacific International Symposium on Aerospace Technology(ASISAT-2013). Api364.2013.
 6. Juki KAWAI, Wail Harasani, Nobuyuki ARAI, Kota FUKUDA, Hideki Kimura, and Katsumi HIRAOKA, "Design of Solar UAV for Day Flight", The Asia-Pacific International Symposium on Aerospace Technology(ASISAT-2013). Api356-2013.
 7. Wail I. Harasani, "Evaluation and Selection of a Fleet of Aircraft Located in Madinah, Saudi Arabia". Journal of Air Transport Studies, V4(2), in Athens, Greece 2013
 8. Juki KAWAI, Wail Harasani, Nobuyuki ARAI, Kota Fukuda, and Katsumi Hiraoka "Design and Aerodynamic Characteristics of Solar UAV". 11th World Congress on Computational Mechanics (WCCM XI), July 20-25 2014, Barcelona, Spain

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. 2014
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. "Strategic planning and performance measurement", Personal Development Course, KAU Centre for Teaching and Learning Development, 2014.
4. "Principal of educational assessment in classroom", Personal Development Course, KAU Centre for Teaching and Learning Development, 2014.