

DR. PASHA Amjad A.*Assistant Professor, Aeronautical Engineering Dept., King Abdulaziz University***Education**

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
PhD	Aerospace Engineering	Indian Institute of Technology Bombay	2012
M.Tech	Thermal Engineering	Jawaharlal Nehru Technological University, India	2004
B.E	Mechanical Engineering	Osmania University, India	2000

Academic Experience

<i>Fr</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
2013	Date	King Abdulaziz Univ.	Assist. Prof.		Full Time
2011	2013	Institute of Aeronautical Engineering.	Assist. Prof.		Full Time
2004	2006	Mannan Institute of Science and Technology	Assist. Prof.		Full Time

Non Academic Industrial Experience *(including Consultations)*

None

Funded Research Projects and Patents from the Past Five Years

1. Research project No. 13-SPA1487-03, King AbdulAziz City for Science and Technology KACST, *Aviation - Numerical simulation of three-dimensional oblique shock-wave/turbulent boundary-layer interactions, 2013, submitted.*

Certifications and Professional Registrations

Registered Teaching Profession for post of Assistant Professor at Engineering Colleges in India.

Current Membership in Professional Societies and Organizations

<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1. American Inst. of Aeronautics & Astronautics, AIAA		2014

Honours and Awards

Invited talk presented by Dr. Amjad Ali Pasha on “Shock-unsteadiness model for shock boundary-layer interaction: implementation and validation” at Shock-boundary layer interaction (SBLI) meeting at Indian Institute of Technology, May 15, 2012

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

Member of the Student Affairs Committee, AE Dept., KAU, 2013-Date

Member of the Research and Graduate Studies Committee, AE Dept., KAU, 2013-Date

Principal Publications/Presentations from the Past Five Years

1. Amjad Ali Pasha, Krishnendu Sinha, "Shock Unsteadiness Model Applied to Hypersonic Shock Wave/Turbulent Boundary-Layer Interactions" *Journal of Propulsion and Power*, Volume 28, Number 1, Jan-Feb, 2012.
2. Amjad Ali Pasha, C. Vadivelan, Krishnendu Sinha, "Simulation of a practical scramjet inlet using shock-unsteadiness model," 28th International Symposium on Shock Waves, The University of Manchester, United Kingdom, 17-22 July, 2011.
3. Amjad Ali Pasha, Manzoor Hussain, M. N. Gunabushanam, "Experimental and CFD Analysis of Hydrogenerator Stator," *In Proceedings of 37th International and 4th National Conference on Fluid Mechanics and Fluid Power*, IIT Madras, Chennai, India, 16-18 Dec., 2010
4. Amjad Ali Pasha, Krishnendu Sinha, "Simulation of hypersonic shock/turbulent boundary-layer interactions using advanced turbulence models," *In Proceedings of the 8th Asian Computational Fluid Dynamics Conference*, Hong Kong, China, 10-14 Jan., 2010.

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 Accreditation for Better Teaching and Learning" ASU Newcomers Workshop, Faculty of Engineering, King Abdulaziz University, Jeddah, Saudi Arabia, Oct. 2013