

DR. AHMAD Y BOKHARY

Assistant Professor, Mechanical Engineering Dept., King Abdulaziz University

Education

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Mechanical Engineering	University of Sheffield, UK	1999
MS	Mechanical Engineering	University of Michigan, Ann Arbor , USA	1985
BS	Mechanical Engineering	King Abdulaziz University, Jeddah, Saudi Arabia	1981

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>
1981	1999	King Abdulaziz University	Demonstrator		Full Time
1999	Now	King Abdulaziz University	Assist Prof.		Full Time

Funded Research Projects and Patents from the Past Five Years

1. Project No. 8-ENE192-3, King AbdulAziz City for Science and Technology KACST, *Modelling and analysis of motivated thermal system components possessing enhanced heat transfer capabilities,2010(cont.)*

Certifications and Professional Registrations

Licensed Engineer at Saudi Council for Engineers

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

1. Director of Academic Affairs, Faculty of Eng., KAU, 2001–2003
2. Chairman of Cultural Committee, Faculty of Eng., KAU, 2003–2012
3. Director of Sci. Equipment Maintenance Department, KAU2006–2007
4. Chairman Department of Thermal Engineering and Desalination Technology, Faculty of Engineering, KAU, 2006–2012

Principal Publications/Presentations from the Past Five Years

1. Nafis, A. and Bokhary, A Y; A Comparative Study of Performance and Emissions Characteristics of Pure Diesel and Blends of Alternative Fuels of a C I Engine, IJENS Vol.: 10 No: 06, December 2010.
2. Abdulhafiz, N.I., Khaled, A.–R.A., and Bokhary, A.Y.; Maximization and Modelling Matching of Convective Heat Transfer with Nanofluids and Non–uniform Fin Distribution, IJENS Vol.: 12 No:04, August 2012.
3. AY Bokhary, Abdullah Turki, Nafis Ahmad and A H Jefri, "Mathematical Simulation of Eccentricity in Spark Plug and its Effects on Combustion Parameters in Spark Ignition Engine," International Journal of Engineering Science and Technology, 4, 4676-4686, 2012.

4. A. Y. F. Bokhary, M. Alhazmy, Nafis Ahmad and A. Albahkali, "Investigations on the Utilization of Ethanol-Unleaded Gasoline Blends on SI Engine Performance and Exhaust Gas Emission" International Journal of Engineering and Technology, 14, 2014.