

DR. ELSAYED A. SHABANA

Associate Professor, Mechanical Engineering Dept., King Abdulaziz University

Education

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
PhD	Mechanical and Aeronautical Engineering	UCD, Davis, USA	1994
MS	Chemical Engineering	UCSB, Santa Barbara, USA	1989
MS	Mechanical Power Engineering	Cairo University, Egypt	1980
BS	Mechanical Engineering	Cairo University, Egypt	1976

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>
1976	1985	Cairo Univ.	Teaching Assist.		Full Time
1990	1994	UCD, Davis, USA	Teaching Assist.		Part Time
1994	2001	Cairo Univ.	Assist. Prof.		Full Time
2001	2007	Umm Al-Qura Univ.	Assoc. Prof.		Full Time
2007	2010	Cairo Univ.	Assoc. Prof.		Full Time
2010	Date	King Abdulaziz Univ.	Assoc. Prof.		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>
1981	1985	Suez Oil Co., Egypt	Researcher	Improve Heat Exchangers Performance	Part Time
1985	1989	NRC, USA	Researcher	Improve Performance of PWRs & BWRs	Part Time
1995	1999	El-Hawamdia Sugar Co., Egypt	Consultant	Improve Performance of HT Equipment	Part Time
July 1997	Oct. 1997	Al-Furat Oil Co., Deir Ez-Zur, Syria	Instructor	Training on Stationary and Rotating Equipment	Part Time
1999	2001	Port Said Engineering Works Co., Egypt	Consultant	Improve Heat Exchangers Performance	Part Time
1999	2001	Sinai Cement Factory, Egypt	Consultant	Improve Performance of HT Equipment	Part Time

Funded Research Projects and Patents from the Past Five Years

- Grant No. 31/101, King AbdulAziz University, Research Project, *Design, Fabrication and Simulation of a Small Scale Experimental Barometric Desalination Unit*, 2011-2012, (Co

Investigator).

Certifications and Professional Registrations

Licensed 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 (ESPE).	Member	1976

Honours and Awards

1. Ranked first top 5% among 3600 B.Sc. graduated Students from the Mechanical Engineering Department, Cairo University, Egypt, Since 1976.
2. Research Assistantship Award, *University of California, Santa Barbara, CA, USA*, 1985-1989.
3. Teaching and Tuition Scholarships Awards, *University of California, Davis, CA, USA*, 1990-1994.

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

1. Advisor for more than 300 students, over 6 years, Mechanical Eng. Dept., Umm Al-Qura Univ., 2001-2007.
2. Thermal Engineering and Desalination Technology Dept., Accreditation Committee member, 2011-2012.