

Faculty Name: Dr. Emad Ismat Ghandourah	
Education:	<ul style="list-style-type: none"> ➤ Ph.D. Mechanical Engineering, University College London, London, United Kingdom, March 2015. ➤ M.Sc. Nuclear Engineering, King Abdulaziz University, Jeddah, Saudi Arabia, July 2003. ➤ B.Sc. Nuclear Engineering, King Abdulaziz University, Jeddah, Saudi Arabia, July 1996.
Academic Experience:	<ul style="list-style-type: none"> ➤ 2015 Assistance Professor, Nuclear Engineering Department, Faculty of Engineering, King Abdulaziz University, Jeddah, Saudi Arabia. ➤ 2007-2008 Lecturer, Nuclear Engineering Department, Faculty of Engineering, King Abdulaziz University, Jeddah, Saudi Arabia. ➤ 2000-2006 Lab Demonstrator, Nuclear Engineering Department, Faculty of Engineering, King Abdulaziz University, Jeddah, Saudi Arabia.
Non-academic Experience	<ul style="list-style-type: none"> ➤ 1996-1999 Engineer, Maintenance Department, King Abdulaziz University, Jeddah, Saudi Arabia.
Certifications	<ol style="list-style-type: none"> 1. Radiation Safety Officer (License). 2. Inspection License for the Radiographic Testing (Level-3) 3. Inspection License for Magnetic Particles Testing (Level-3) 4. Inspection License for Liquid Penetration Testing (Level-3) 5. Inspection License for the Ultrasonic Testing (Level-2) 6. Inspection License for the Eddy Current Testing (Level-1)
Membership	<ul style="list-style-type: none"> ➤ American Nuclear Society (2015) ➤ The American Society for Nondestructive Testing (2015-2019) ➤ Research in Nondestructive Evaluation (2015-2019)
Honors & Awards	<ul style="list-style-type: none"> ➤ Fulbright Scholarship (2004)
Service Activities	<ul style="list-style-type: none"> ➤ Coordinator for the Aramco Chair at King Abdulaziz University
Publications & Presentations	<ol style="list-style-type: none"> 1. C. Culbertson, K. Wangerin, E. Ghandourah & T. Jevremovic, "A comparison of the COG and MCNP codes in computational neutron capture therapy Modeling, Part I: Boron neutron capture therapy models", Health Physics, vol. 89 no. 2, pp.127-134, August 2005. 2. E. Ghandourah & T. Jevremovic, "Gadolinium neutron Capture depth-dose distribution for deep- seated brain tumors", ANS Winter Meeting, Nuclear Technology, no. 3, pp. 845-846, November 2004.

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3. Anglo French Physical Acoustics Conference, Brighton, UK, January 2012.

Participations

1. Training Course in Non-Destructive Testing Level-2, Japan International Cooperation Agency, Kitakyushu, Japan, January 2001.
 2. Training Course in Non-Destructive Testing Level-3, Royal Scientific Society, Amman, Jordan, August 2001
 3. Training Course in Non-Destructive Testing Level-2, Egyptian Atomic Energy Commission, Cairo, Egypt, October 2001.
 4. Training Course in Non-Destructive Testing Level-1, Syrian Atomic Energy Commission, Damascus, Syria, November 2001.
 5. Training Course in Non-Destructive Testing Level-3, Atomic Energy Organization of Iran, Tehran, Iran, May 2002.
 6. Training Course in the Visual Inspection, Industrial Research Institute, Beirut, Lebanon, May 2006.
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