

Faculty Name: <b>Dr. Dheya Shuja'a Al-Othmany</b>	
<b>Education:</b>	<ul style="list-style-type: none"> <li>➤ Doctorate Degree in Nuclear Engineering (Radiation Protection) - University of Aberdeen - Britain - 1995.</li> <li>➤ Master's Degree in Nuclear Engineering (Health Physics) - University of Missouri - USA - 1987.</li> <li>➤ Master's Degree in Nuclear Engineering - Iowa State University - USA - 1984.</li> <li>➤ Bachelor's Degree in Nuclear Engineering - King Abdulaziz University-Jeddah, Saudi Arabia 1981.</li> </ul>
<b>Academic experience:</b>	<ul style="list-style-type: none"> <li>➤ Associated with King Abdulaziz University since 1991.</li> <li>➤ Associate Professor, Nuclear Engineering Department, 2014.</li> </ul>
<b>Non-academic experience</b>	<ul style="list-style-type: none"> <li>➤ Chairman of the Mining Department, 2013-Present.</li> <li>➤ Chairman of Working Group II to test the measure of talent (experimental) on a sample of students of schools from which to evaluate and regulate questions of the National Center for measurement and evaluation to discover the talented 21-25/05/2011.</li> </ul>
<b>Current membership in professional organizations</b>	<ul style="list-style-type: none"> <li>➤ Saudi Engineering Society</li> <li>➤ Saudi Health Physics Society</li> </ul>
<b>Honors and awards</b>	<ul style="list-style-type: none"> <li>➤ Adviser to the Islamic Development Bank in Jeddah to award the Bank of Science and Technology (2002-2014)</li> </ul>
<b>Service Activities</b>	<ul style="list-style-type: none"> <li>➤ Member of the Nuclear Power Engineering Committee, NPEC, of the Institute of Electrical &amp; Electronics Engineering (IEEE) from April 27, 2011 AD.</li> <li>➤ Adviser to the Islamic Development Bank in Jeddah to award the Bank of Science and Technology (2002-2012)</li> <li>➤ Coordinator and host of talented (talented creators and innovators) in the extension programs &amp; student guidance supported by the Ministry of Higher Education for the academic year 2008/2009.</li> <li>➤ Member of the Scientific Committee and Supervisor of University Booth and a member of the jury Innovation Exhibition 2010 and inaugurated at Jeddah Hilton 23 to 27 May 2010.</li> <li>➤ Member of several department committees</li> <li>➤ Member of several social committees</li> </ul>
<b>Publications &amp; presentations from the past five years</b>	<ol style="list-style-type: none"> <li>1. Ahmad Hussain, Dheya Al-Othmany (2013) Assessment of Aging of Zr-2.5Nb Pressure Tubes for Use in Heavy Water Reactor, Journal of Natural Sciences Research. (Accepted for Publication).</li> <li>2. Ahmad Hussain, Dheya Al-Othmany (2013) Treatment and Conditioning of Spent Ion Exchange Resin from Nuclear Power Plant, Journal of Advances in Physics Theories and Applications. (Accepted for Publication).</li> <li>3. Dheya Al-Othmany, Ashraf H. Shehata, Ahmad Hussain, "Gamma Rays</li> </ol>

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4. Ahmad Hussain, Dheya Al-Othmany (2013) “Design of Thermal Loop of a Compact Reactor, International Journal of Engineering and Advance Technology Studies, ISSN: 2249 – 8958 Vol. 1, No 1.PP. 1-10. (2013).
  5. Samir Abdul-Majid, Ahmed Balamesh, Dheya Al-Othmany, Ahmed Alassiaa, Hussein Al-Huraibi, (2013) ”Corrosion Imaging and Thickness Determination Using Micro-Curie Radiation Sources Based on Gamma Ray Backscattering: Experiments and MCNP Simulation”, (Accepted for review).
  6. Ahmad Hussain, Dheya Al-Othmany (2013) ”Preliminary Feasibility Studies about A proposed Site for A nuclear Power Plant in Saudi Arabia” (Accepted for review).
  7. Shahnor Basri, Ahmad Hussain, Dheya Al-Othmany, Faizal Mustapha, Dewan M, Nuruzzaman, (2013) ”Three Dimensional Finite Element Modeling of Thermomechanical Problems in Functionally Graded Hydroxyapatite/Titanium Plate”, Materials Science & Engineering A, ISSN: 0921-5093 , Impact Factor 1.383.
  8. Ahmad Hussain, Dheya Al-Othmany, (2013) “Supervision and Evaluation of Research Projects of Graduate Students-Realities and Requirements”,.
  9. Ahmad Hussain, Dheya Al-Othmany (2013) “NUCLEAR DESALINATION: A Viable Option for Producing Fresh Water- Feasibility and Techno-Economic Studies, Journal of the Pakistan Institute of Chemical Engineers. (Accepted for publication.
  10. Dheya Al-Othmany, (2013) “Estimation of Flow Accelerated Corrosion (FAC) in Feeder Pipes Using CFD software Fluent”, the International Institute for Science, Technology and Education (IISTE). ISSN 2224-719X (Paper) ISSN 2225-0638 PP. 4-8. (2013) Impact Factor 5.5.
  11. Dheya Al-Othmany (2012) Natural Radioactivity in Wadi Muhrim, Taf, Saudi Arabia, Journal of Natural Science Research, Vol. 2, Issue 10: 42-61
  12. Dheya Al-Othmany, M. Solaiman Ali (2012) How to be an effective technical writer?, International Journal of Engineering Pedagogy, Vol. 2, Issue 3: 4-10.
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