

Faculty Name**Darwish S. Almutiran****Location**Shuwaikh Campus: Building 20, 2nd Floor, Office: S-71**Phone Number**

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Email Addressds.almutiran@paaet.edu.kw**Education**

PhD.	Physics (Medical Radiation), Univ. of Surrey, U.K.	1995
MSc.	Medical Physics, Univ. of Surrey, U.K.	1987
BSc.	Physics, Kuwait Univ., Kuwait	1983

Academic Experience

2012 – Present	Professor, CTS (PAAET), Kuwait
2005 – 2012	Associate Professor, CTS (PAAET), Kuwait
2000 – 2005	Assistant Professor, CTS (PAAET), Kuwait
1998 – 2001	Assistant Professor (part-time secondment from Ministry of Health), Kuwait University, Kuwait

Non-Academic Experience

- Oct. 1983 – June 1997, Ministry of Health (MOH) – Physicist, Radiation Protection Division
- July 1997 – June 1999, MOH – Physicist, Nuclear Medicine Department
- July 1999 – Sep. 2000, MOH – Dept. Head of the Environmental Protection Division

Research Work and Interests***Environmental Radiation Measurements:***

1. Establishing the PAAET Radiation Monitoring Network in Kuwait.
2. Measurements of ambient dose rates; indoors and outdoors using various dosimeters.
3. Measurements of radon gas in dwellings (extended research work with the National Institute of Radiological Sciences, Japan).
4. Radiation measurements in some selected environmental topics.
5. Development of new techniques for the measurements of radon gas.
6. Gamma-ray and timing measurements.

Contribution to Physics Education: Work has been published in the journal of Physics Education (British Institute of Physics “IOP”) based on the experience gained in the field of radiation measurements.

- Teaching radioactivity in the laboratory in a simple and safe way without the use of radioactive materials.
- Demonstrating the proper use of radiation dosimeters and measuring devices for students.

Current Membership

Service Activities

Renewable Energy: Due to global development in sustainability, I have embarked on a research interest on renewable energy.

- Member of the American Nuclear Society
1. Head of the Main Promotion Committee in the Public Authority for Applied Education and Training for the current academic year 2025 – 2026.
 2. Member representing the College of Technological Studies in the committee for selecting the dean for the College of Technological Studies, 25 October 2025.
 3. Head of the Environmental Radiation Protection Division in the Radiation Protection Control, Ministry of Health, (July 1999 – September 2000).
 4. Head of Applied Sciences Department, College of Technological Studies, Public Authority for Applied Education and Training, (October 2010 – August 2015).
 5. Head of the Promotion Committee of the College of Technological Studies during the academic year 2016 – 2017 and 2020 – 2021.
 6. Head and member of a number of committees dealing with different aspects within the Public Authority for Applied Education and Training.
 7. Member of the team representing Kuwait in the Executive Meetings of the Arab Atomic Energy Agency (AAEA), 27 July–2 Aug./2009, 16–19/12/2009, 27 July–2 Aug 2010, 20–22/12/2012.
 8. Member of the team representing Kuwait in the Arab Network of Nuclear Regulators (ANNur) organized by the Arab Atomic Energy Agency (AAEA), 20–22/1/2010.
 9. Coordinator representing Kuwait in the annual meetings arranged by the Arab Atomic Energy Agency (AAEA) for the Project “Indoor Radon Measurements in Houses in the Arab Cities”, from the year 2004 to 2009.
 10. Member of the Atmospheric Team, Public Authority of Environment, 3rd Stage, the year 2000.
 11. Reviewer for some International Journals (Elsevier, Springer).
 12. Member of the Scientific Committee of the Workshop on Radiation Pollution, Risks and Protection Measures, Arranged by the Arabic School for Science and Technology (State of Kuwait), 14–18 December 2002.
 13. Member of the Scientific Committee of the Po and Pb International Conference, Mangalore, India, 14–18 February 2013.
 14. Member of the Scientific Committee of the Fourth Regional African Congress of the International Radiation Protection Association (AFRIRPA 04). Rabat, Morocco, 13-17 September, 2014.
 15. Visits to secondary schools in Kuwait to give lectures on Nuclear Energy and its impact on the society.
 16. External examiner for PhD degree, Mangalore University, India.
 17. External examiner for MSc. degree, University of Bahrain, Bahrain.

Conferences

with contributions:

1. European Conference on Research and Application of Positron Emission Tomography in Oncology. Groningen, Netherlands (17-19 April 1996).

2. The 39th Annual Meeting of the American Association of Physicists in Medicine. Milwaukee, USA) 27-31 July, 1997).
3. The 7th World Congress of Nuclear Medicine and Biology. Berlin, Germany (30 August to 4 September 1998).
4. The International Conference of Medical Physics. New Delhi, India (5-9 November 1998).
5. The 5th International Conference on High Levels of Natural Radiation and Radon Areas: Radiation Dose and Health Effects. Munich, Germany (4-9 September 2000).
6. The 7th International Conference on Nuclear Analytical Methods in the Life Sciences. Antalya, Turkey (16-21 June 2002).
7. The 11th International Conference on Modern Trends in Activation Analysis. Guildford, England, UK. (20-25 June 2004).
8. The 6th International Conference on High Levels of Natural Radiation and Radon Areas: Radiation Dose and Health Effects. Osaka, Japan (6-10 September 2004).
9. The Europhysics Conference on New Trends in Nuclear Physics Applications and Technologies, (NPDC19). Pavia, Italy (5-9 September 2005).
10. The 2nd International Conference of Radioactivity in the Environment. Nice, France (2-6 October 2005).
11. The 10th International Symposium on Radiation Physics. Coimbra, Portugal (17-22 September 2006).
12. Eighth Arab Conference on the Peaceful Uses of Atomic Energy. Amman, Jordan (3- 7 December 2006).
13. The 5th International Symposium on Naturally Occurring Radioactive Material (NORM V). Seville, Spain (19-22 March 2007).
14. The International Conference on Radioecology and Environmental Radioactivity. Bergen, Norway (15-20 June 2008).
15. The International Symposium on In Situ Nuclear Metrology As A Tool For Radioecology. Rabat, Morocco (13-16 October 2008).
16. Ninth Arab Conference on the Peaceful Uses of Atomic Energy. Beirut, Lebanon (13-16 December 2008).
17. International Conference on Advancements in Nuclear Instrumentation, Measurement Methods and their Applications (ANIMMA). Marseille, France (7-10 June 2009).
18. The Third Asian and Oceanic Congress on Radiation Protection, IRPA "AOCRP-3", Tokyo, Japan (24-28 May, 2010).
19. The Solid State Dosimetry 16th International Conference "SSD16", Sydney, Australia (19-24 September 2010).
20. The International Symposium on the Natural Radiation Exposures and Low Dose Radiation Epidemiological Studies (NARE 2012), Hiroasaki, Japan (29 February to 3 March 2012).
21. 13th International Congress of the International Radiation Protection Association (IRPA13), Glasgow, Scotland, UK (13-18 May 2012).
22. Eleventh Arab Conference on the Peaceful Uses of Atomic Energy, Khartoum, Sudan, (16-20 December 2012).
23. The 7th International Symposium on Naturally Occurring Radioactive Material (NORM-7). Beijing, China (22-26 April 2013).

24. The 7th Conference on Protection against Radon at Home and at Work (Radon 2013). Prague, Czech Republic (2-6 September 2013).
25. The Fourth Regional African Congress of the International Radiation Protection Association (AFRIRPA 04). Rabat, Morocco (13-17 September 2014).
26. The 15th International Congress of Radiation Research (ICRR 2015). Kyoto, Japan (25-29 May 2015).
27. The 20th National Symposium on Radiation Physics (NSRP-20). Mangalore, India (28-30 October 2015).
28. 14th International Congress of the International Radiation Protection Association (IRPA13) Cape Town, South Africa (9-13 May 2016).
29. Thirteenth Arab Conference on the Peaceful Uses of Atomic Energy, Hammamet, Tunisia, (18-22 December 2016).
30. The International Conference on Engineering and Applied Sciences (2017 TICEAS), Singapore, (21-23 February 2017).
31. The 6th International Geo-hazards Research Symposium, Dresden, Germany (4-9 March 2018).
32. The 9th International Conference on High Level Environmental Radiation Areas - For Understanding Chronic Low-Dose-Rate Radiation Exposure Health Effects and Social Impacts (ICHLERA 2018) Hiroaki, Japan (24-27 Sept. 2018).
33. The 19th International Conference on Solid State Dosimetry (SSD19) in Hiroshima, Japan (15-20 Sept. 2019).
34. The 7th International Conference on Environmental Radioactivity (ENVIRA 2023) in Seville, Spain (17-22 Sept 2023).
35. The 6th International Conference on Radioecology and Environmental Radioactivity (ICRER 2024) Marseille, France (24-29 Nov. 2024).

Scientific Conferences (Attendance only or contribution was not published in the proceedings):

36. Medizinische Physik. Wurzburg, Germany (20-23 September 1995).
37. Sensors and their applications XI, London, UK (3-6 September 2001).
38. The International Conference of Radioactivity in the Environment. Monaco, France (1-5 September 2002).

Talks:

1. **D. Al-Azmi** (2013). "Measurement of Background Radiation over Kuwait". A talk presented at the Symposium on Science and Engineering Technology, arranged by the College of Technological Studies, PAAET, Kuwait (6-7 May, 2013).
2. **D. Al-Azmi** (2019). "Radiation Monitoring Network in Kuwait". A talk presented at The Regional Workshop on Monitoring and Surveillance of Environmental Radiation in GCC Countries, in Collaboration with the Research Center (JRC) of the European Commission. Kuwait Institute for Scientific Research (KISR), Kuwait (25-27 March 2019).
3. **D. Al-Azmi** (2025). "Media and Radiation Awareness in Kuwait". A talk presented at RPD Symposium: Radiation Protection: A New Vision Towards



Healthy and Safe Environment. Ministry of Health, Kuwait (11-13 November 2025).

Posters:

1. **D. Al-Azmi** (2014). "Measurements of Outdoor Gamma Dose Rates in Kuwait". A poster presented at the First Poster Day, arranged by the Project on the Role of PAAET in Enhancing Research, Kuwait (5-6 May, 2014).
2. **D. Al-Azmi** (2014). "A Simple Mobile System for the Measurements of Gamma Radiation on the Streets of Kuwait". A poster presented at the First Poster Day, arranged by the Project on the Role of PAAET in Enhancing Research, Kuwait (5-6 May, 2014).
3. M. Shaaban, M. El-Daou and **D. Al-Azmi** (2014). "Statistical analysis of the dose rate readings from two different radiation dosimeters". A poster presented at the First Poster Day, arranged by the Project on the Role of PAAET in Enhancing Research, Kuwait (5-6 May, 2014).

Publications

Papers in International Journals:

1. **D. Al-Azmi**, A.M. Sayed and H.A. Yatim (2001). "Variations in ^7Be concentrations in the atmosphere of Kuwait during the period 1994 to 1998". Applied Radiation and Isotopes **55**, No. 3, p. 413-417.
2. H.R. Saad and **D. Al-Azmi** (2002). "Radioactivity concentrations in sediments and their correlation to the coastal structure in Kuwait". Applied Radiation and Isotopes **56**, No. 6, p. 991-997.
3. A.M. Sayed, **D. Al-Azmi** and N.A. Khuraibet (2002). "Measurements of ^{210}Pb concentrations in airborne in Kuwait". Environmental Monitoring and Assessment **79**: p. 47-55.
4. **D. Al-Azmi**, B. Snopek, A.M. Sayed and T. Domanski (2004). "A Simple bubbling system for measuring radon (^{222}Rn) gas concentrations in water samples based on the high solubility of radon in olive oil". Journal of Environmental Radioactivity **71**, No. 2, p.175-186.
5. **D. Al-Azmi** (2006). "Towards the use of small amounts of activated charcoal along with well-type NaI(Tl) detector for indoor radon measurements". Journal of Radiation Protection Dosimetry **121**, No. 4, p. 413-419.
6. **D. Al-Azmi** and N. Karunakara (2007). "Determination of radon concentration in soil gas by gamma-ray spectrometry of olive oil". Journal of Radiation Measurements **42**, No. 3, p. 486-490.
7. **D. Al-Azmi**, A.I. Abu-Shady, A.M. Sayed and Y. Al-Zayed (2008). "Indoor radon in Kuwait". Journal of Health Physics **94**(1), p. 49-56.
8. **D. Al-Azmi** (2008). "Simplified slow anti-coincidence circuit for Compton suppression systems". Journal of Applied Radiation and Isotopes **66**(8), p.1108-1116.
9. **D. Al-Azmi** (2009). "The use of soil gas as radon source in radon chambers". Journal of Radiation Measurements **44**, No. 3, p. 306-310.
10. N. Karunakara and **D. Al-Azmi** (2010). "A study on absorption of radon by edible oils produced in India". Journal of Health Physics **98**(4), p. 621-627.

11. S. Labidi, **D. Al-Azmi**, H. Mahjoubi, R. Ben Salah (2010). "Radon in elementary schools in Tunisia". *Journal of Radioprotection* **45(2)**, p. 209-217.
12. **D. Al-Azmi** and N. Karunakara (2011). "A simple radon chamber for use with soil gas for calibration of radon measuring devices and instruments". *International Journal of Low Radiation* **8** No. 5/6, p. 429-439.
13. S. Baccouche, **D. Al-Azmi**, N. Karunakara and A. Trabelsi (2012). "Application of the Monte Carlo method for the efficiency calibration of CsI and NaI detectors for gamma-ray measurements from terrestrial samples". *Applied Radiation and Isotopes* **70**, No. 1, p. 227-232.
14. **D. Al-Azmi**, T. Al-Abed, M. Alnasari, E. Eldin Borham, Z. Chekir, M. Khalifa, and R. Shweikani (2012). "Coordinated indoor radon surveys in some Arab countries". *Journal of Radioprotection* **4V(2)**, p. 205-217.
15. S. Labidi, **D. Al-Azmi**, and R. Ben Salah (2012). "Indoor radon in Tunisia spas". *Journal of Radioprotection* **4V(3)**, p. 361-373.
16. **D. Al-Azmi**, A. Mustapha and N. Karunakara (2012). "Radon adsorbed in activated charcoal – a simple and safe radiation source for teaching practical radioactivity in schools and colleges". *Physics Education* **47(4)**, 471-475.
17. **D. Al-Azmi**, N. Karunakara and A. Mustapha (2013). "Teaching about natural background radiation". *Physics Education* **48(4)**, 506-511.
18. **D. Al-Azmi** (2013). "Performance of some radiation dosimeters used for ambient dose rate measurements". *International Journal of Low Radiation* **9** No. 2, p. 95-109.
19. **D. Al-Azmi** (2014). "Gamma Dose Rate Measurements in Kuwait Using a Car-Borne GPS Integrated Dosimetric System". *World Journal of Nuclear Science and Technology* **4** (No 3), p. 163-169.
20. **D. Al-Azmi** (2016). "Indoor gamma dose rates in Kuwait using handheld gamma-ray spectrometer". *Journal of Health Physics* **111(1)**, p. 11-16.
21. M.I. Al-Jarallah, K. Abdalla, **D. Al-Azmi**, M. Azadul Islam, A. Sahin and A.H. Akintokun (2016). "Radon Distributions in the Hail region, Northern Saudi Arabia". *Arabian Journal of Geosciences* **9(8)** Article number: 523.
22. **D. Al-Azmi** (2017). "Outdoor dose rate mapping in Kuwait". *Journal of Environmental Radioactivity* **169-170**, p.109-115.
23. I.C. Okeyode, J.A. Rabi, O.O. Alatis, V. Makinde, F.G. Akinboro, **D. Al-Azmi** and A.O. Mustapha (2017). "Area monitoring of ambient dose rates in some parts of south-western Nigeria using a GPS-integrated radiation survey system". *Journal of Radiation Protection Dosimetry* **173**, No. 1-3, p.263-267.
24. M. Janik, **D. Al-Azmi** and S.K. Sahoo (2018). "The screening indoor radon and preliminary study of indoor thoron concentration levels in Kuwait". *Journal of Radiation Protection Dosimetry* **181**, No. 3, p.246-254.
25. **D. Al-Azmi**, I.C. Okeyode, O.O. Alatis and A.O. Mustapha (2018). "Setup and procedure for routine measurements of radon exhalation rates of building materials". *Journal of Radiation Measurements* **112**, p. 6-10.
26. J. Al-Hubail and **D. Al-Azmi** (2018). "Radiological assessment of indoor radon concentrations and gamma dose rates in secondary school buildings in Kuwait". *Journal of Construction & Building Materials* **183**, p.1-6.
27. A.E. Ajetunmbi, A.O. Mustapha, I.C. Okeyode, G.A. Michael, **D. Al-Azmi**. (2018). "Assessment of artisan's exposure to heavy metals from tantalite ore

- mining sites in Oke-Ogun, Oyo State, Nigeria”. Journal of Radiation Protection and Environment, Vol. **41**, No. 4, 181-88.
28. I.C. Okeyode, I.C. Oladotun, O.O. Alatise, B.S. Bada, V. Makinde, F.G. Akinboro, A.O. Mustapha and **D. Al-Azmi** (2019). “Indoor gamma dose rates in the high background radiation area of Abeokuta, south western Nigeria”. Journal of Radiation Research and Applied Sciences, Vol. **12**, No. 1, 72-77.
 29. A.E. Ajetunmobi, A.O. Mustapha, I.C. Okeyode, A.M. Gbadebo, **D. Al-Azmi** (2019). “Assessment of radiological safety of abandoned tantalite mining sites in Oke-Ogun, Oyo State, Nigeria”. Radiat. Prot. Environ. Vol. 42, 40-6.
 30. S. Trilochana, H.M. Somashekarappa, K. Sudeep Kumara, M.P. Mohan, S. Rashmi Nayak, Renita Shiny D'Souza, Srinivas S. Kamath, B.K. Sahoo, J.J. Gaware, B.K. Sapra, M. Janik, **D. Al-Azmi**, Y.S. Mayya and N. Karunakara (2019). “A Walk-In Type Calibration Chamber Facility for ²²²Rn Measuring Devices and Inter-Comparison Exercises”. Journal of Radiation Protection Dosimetry **187**, No. 4, p. 466-481.
 31. M. Janik, S. Tokonami, K. Iwaoka, N. Karunakara, S. Trilochana, MP. Mohan, K. Sudeep Kumara, I. Yashodhara, W. Zhuo, C. Zhao, F. Tang, L. He, S. Chanyotha, C. Kranrod, **D. Al-Azmi**, O. Kurihara (2019). “Comparison of radon and thoron concentration measuring systems among Asian countries”. International Journal of Environmental Research and Public Health, 16(24), 5019.
 32. Reem Aljber, Fouad Shaaban and **Darwish Al-Azmi** (2025). “Correlation between soil parameters, soil gas radon and its exhalation rate into ambient air in Kuwait”. Journal of Radioanalytical and Nuclear Chemistry, Vol. 334 (9), p. 5989-6000.

Papers in Proceedings of International Conferences:

1. **D. Al-Azmi** and N.M. Spyrou (1996). “Simultaneous PET and SPECT”, in Metabolic Imaging of Cancer. Proceedings of the European conference on research and application of positron emission tomography in oncology. Edited by A.M.J. Paans, J. Pruim, E.J.F. Franssen and W. Vaalburg. Groningen, The Netherlands, p. 69-71.
2. **D. Al-Azmi** and N.M. Spyrou (1996). “Performance of instrumental arrangement for dual energy window data acquisition in PET”, in Metabolic Imaging of Cancer. Proceedings of the European conference on research and application of positron emission tomography in oncology. Edited by A.M.J. Paans, J. Pruim, E.J.F. Franssen and W. Vaalburg. Groningen, The Netherlands, p. 82-84.
3. **D. Al-Azmi**, H.R. Saad and A.R. Farhan (1999). “Comparative study of desert truffles from Kuwait and other countries in the Middle East for radionuclide concentration”. Biol Trace Elem Res, Winter; **71-72**:309-15.
4. **D. Al-Azmi**, B. Snopek, A.M. Sayed and T. Domanski (2000). "A method of measuring radon (Rn-222) gas in water samples based on the high solubility of radon gas in olive oil", in the Proceedings of the 5th International Conference on High Levels of Natural Radiation and Radon Areas: Radiation Dose and Health Effects. Volume 2: poster presentation. Edited by J. Peter, G. Schneider, A. Bayer and A. Trugenberg-Schnabel. Munich, Germany (September 4-9, 2000). p. 57-59.

5. **D. Al-Azmi**, A.M. Sayed and H.A. Yatim (2000). "Variations in values for ^7Be concentrations in the atmosphere and fallout deposition in Kuwait during the period 1994 to 1998", in the Proceedings of the 5th International Conference on High Levels of Natural Radiation and Radon Areas: Radiation Dose and Health Effects. Volume 2: poster presentation. Munich, Germany (September 4-9, 2000). Edited by J. Peter, G. Schneider, A. Bayer and A. Trugenberger-Schnabel. p. 69-72.
6. **D. Al-Azmi** (2005). "Application of well-type NaI(Tl) detector for indoor radon measurements". The International Congress Series (**ICS 1276**). Proceedings of the 6th International Conference on High Levels of Natural Radiation and Radon Areas: Radiation Dose and Health Effects. Osaka, Japan (September 6-10, 2004). Edited by T. Sugahara, Y. Sasaki, H. Morishima, I. Hayata, M. Sohrabi, and S. Akiba. p. 350-351.
7. **D. Al-Azmi** (2005). "Active measurements of indoor radon using small amounts of activated charcoal". Proceedings of the 2nd International Conference of Radioactivity in the Environment, Nice, France (October 2-6, 2005), p. 560-561.
8. **D. Al-Azmi**, Abdel-Sattar Abu-Shady, A.M. Sayed and Yousif Al-Zayed (2006). "Radon concentration levels in dwellings in Kuwait". Paper in the Eighth Arab Conference on the Peaceful Uses of Atomic Energy, Amman, Jordan, 3-7 December 2006.
9. **D. Al-Azmi** and N. Karunakara (2008). "A Radon Chamber without Radium Source for Detector Calibration and Radon Measurements". Paper in the Ninth Arab Conference on the Peaceful Uses of Atomic Energy, Beirut, Lebanon, 13-17 December 2008.
10. **D. Al-Azmi** (2012). "Measurement of ambient dose rates using different dosimeters". Paper in the Eleventh Arab Conference on the Peaceful Uses of Atomic Energy, Khartoum, Sudan, 16-20 December 2012.
11. A.O. Mustapha, O.O. Alatise, I.C. Okeyode, V. Makinde, O.D. Akinyemi, F.G. Akinboro, A.J. Rabi, G.A. Dawodu, A.M. Gbadebo, M. Olaoye, A.S. Okedeyi and **D. Al-Azmi** (2013). "Temporal variations in radon and meteorological parameters in a masonry dwelling in Abeokuta Nigeria". Proceedings of the 7th International Symposium on Naturally Occurring Radioactive Material (NORM-7), Beijing, China, (22-26 April, 2013). Page No. 645-651.
12. **D. Al-Azmi** (2015). "Environmental radioactivity analysis of soil samples from Kuwait for dose rate calculations" Proceedings of the 20th National Symposium on Radiation Physics (NSRP-20). Mangalore, India (28-30 October, 2015). ER: MDL-7, Page No.32.
13. **D. Al-Azmi** (2016). "Environmental Radiation Monitoring Network in Kuwait". Paper the Thirteenth Arab Conference on the Peaceful Uses of Atomic Energy, Hammamet, Tunisia, (18-22 December 2016).
14. **D. Al-Azmi**, Sudeep Kumara, M.P. Mohan, and N. Karunakara (2019). "Gamma dose rates in the high background radiation area of Mangalore region, India". Journal of Radiation Protection Dosimetry **184**, No. 3-4, p. 290-293.

Abstracts in International Conferences:



1. **D. Al-Azmi** and N.M. Spyrou (1997). "Dual energy window method for scatter correction in PET using a pair of collimated BGO detectors", Abstract in the 39th Annual Meeting of the American Association of Physicists in Medicine. Journal of Medical Physics **24** PO-H-04, p. 1058.
2. **D. Al-Azmi**, S. Grootoonk, T. Spinks and N.M. Spyrou (1998). "The effect of energy spectrum variations due to temperature changes on tomographic images", Abstract in the 7th World Congress of Nuclear Medicine and Biology, Berlin, Germany (30 August-4 September 1998). European Journal of Nuclear Medicine **25**, PS-620, p.1138.
3. **D. Al-Azmi**, S. Bouresly, M. Tuli and S. Al-Mohannadi (1998). "Reduction of scattered photons by applying a physical filter in Tc-99m myocardial SPECT imaging", Abstract in the International Conference of Medical Physics, New Delhi, India (6-9 November, 1998). Journal of Medical Physics (Association of Medical Physicists of India) **23** No. 3, (1998) 40 (O), p. 104.
4. A.M. Sayed, **D. Al-Azmi** and N.A. Khuraibet (2000). "Determination of Lead-210 Concentrations in Air in Kuwait During Five Years". Abstract in the Fifth Radiation Physics Conference. Cairo, Egypt (5-9, November, 2000). EM.5, p.29.
5. H.R. Saad and **D. Al-Azmi** (2000). "Radioactivity concentration in sediment and its correlation to the coast structure in Kuwait". Abstract in the Fifth Radiation Physics Conference. Cairo, Egypt (5-9, November, 2000). ER.(I) 1, p.44.
6. A.M. Sayed and **D. Al-Azmi** (2002). "Survey of radioactivity in bottled mineral water imported to Kuwait in 16 Years (from 1986 to 2001)". Abstract in the 7th International Conference on Nuclear Analytical Methods in the Life Sciences, in Antalya, Turkey (16-21, June, 2002). EN-21, p. 101.
7. **D. Al-Azmi** (2004). "Performance of CsI(Tl) scintillation detector for terrestrial gamma-ray measurements". Abstract in The 11th International Conference on Modern Trends in Activation Analysis, in Guildford, England, UK. (20-25, June 2004). M271, p. 196.
8. **D. Al-Azmi** (2005). "Indoor Dose Measurements in Kuwait". Abstract in The Europhysics Conference on New Trends in Nuclear Physics Applications and Technologies, NPDC19, Pavia, Italy (September, 5-9, 2005). Europhysics Conference Abstracts, Volume 29F, p. 103.
9. **D. Al-Azmi** (2006). "Study on the effect of air-conditioning on indoor radon concentration using small amounts of activated charcoal and well-type NaI(Tl) detector". Abstract in the 10th International Symposium on Radiation Physics, 17-22 September 2006, Coimbra, Portugal. Abstract number E-46.
10. **D. Al-Azmi** and N. Karunakara (2007). "Determination of radon concentration in soil gas by gamma-ray spectrometry". Abstract in the 5th International Symposium on Naturally Occurring Radioactive Material (NORM V), 19-22 March 2007, Seville, Spain. Abstract number P-2-4 page 78.
11. **D. Al-Azmi** (2008). "Compton suppression system with simplified slow anti-coincidence circuit". Abstract in the International Conference on Radioecology and Environmental Radioactivity, 15-20 June 2008, Bergen, Norway.
12. **D. Al-Azmi** (2008). "Use of soil gas as a radon source for calibration of charcoal detectors". Abstract in to the International Symposium on In Situ Nuclear Metrology As A Tool For Radioecology, 13-16 October 2008, Rabat, Morocco.

13. **D. Al-Azmi** and N. Karunakara (2009). "Calibration of radon detectors using a simple calibration chamber and soil gas". Abstract in the International Conference on Advancements in Nuclear Instrumentation, Measurement Methods and their Applications (ANIMMA), Marseille, France (7-10 June, 2009), Abstract number 186, page 98.
14. **D. Al-Azmi** and N. Karunakara (2010). "A comparative study of absorption of radon by olive oil with different edible oils of India". Abstract in the Third Asian and Oceanic Congress on Radiation Protection, IRPA "AOCRP-3", Tokyo, Japan (24-28 May, 2010), Abstract number 1-P-2, page 73.
15. **D. Al-Azmi**, S. Baccouche and N. Karunakara (2010). "Experimental and simulation results of CsI(Tl) detector for gamma-ray measurements from terrestrial samples". Abstract in The Solid State Dosimetry 16th International Conference "SSD16", Sydney, Australia (19-24 September, 2010). Abstract book, poster number 32 (Instrumentation/Detectors) page 99.
16. **D. Al-Azmi** (2012). "Practical aspects of some radiation dosimeters for ambient dose rate measurements". Abstract in The International Symposium on the Natural Radiation Exposures and Low Dose Radiation Epidemiological Studies (NARE 2012), Hirosaki, Japan (29 February to 3 March, 2012). Abstract book, poster number P-43, page 94.
17. **D. Al-Azmi** and A. O. Mustapha (2012). "Radon Adsorbed in Activated Charcoal as a Tool for Teaching Radioactivity". Abstract in 13th International Congress of the International Radiation Protection Association (IRPA13), Glasgow, Scotland, UK (13-18 May, 2012).
18. **D. Al-Azmi**, N. Karunakara and A. O. Mustapha (2012). "Measurements of Ambient Gamma Radiation Levels as Practical Teaching for Physics Students". Abstract in 13th International Congress of the International Radiation Protection Association (IRPA13), Glasgow, Scotland, UK (13-18 May, 2012).
19. A. O. Mustapha and **D. Al-Azmi** (2012). "A practical setup for routine measurement of exhalation rates of radon from building materials". Abstract in 13th International Congress of the International Radiation Protection Association (IRPA13), Glasgow, Scotland, UK (13-18 May, 2012).
20. **D. Al-Azmi**, A.O. Mustapha and N. Karunakara (2013). "Study on the use of well-type NaI(Tl) detector for ^{210}Pb measurements". Abstract in Proceedings of the 2nd International Conference on Po and Radioactive Pb Isotopes. Mangalore University, Mangalore, India. Page No. 63. (10-13 Feb., 2013).
21. **D. Al-Azmi** (2013). "Statistical analysis of the ambient gamma dose values measured using a GM-dosimeter". Abstract in the 7th International Symposium on Naturally Occurring Radioactive Material (NORM-7), Beijing, China. Page No. 84 (22-26 April, 2013).
22. **D. Al-Azmi** (2013). "Measurements of radon concentration in outdoor air, soil gas and exhalation rate from soil in Kuwait". Abstract in the 7th Conference on Protection against Radon at Home and at Work (Radon 2013). Prague, Czech Republic. Page No. 67 (2-6 September, 2013).
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