**CURRICULUM VITAE**

**PERSONAL DATA**

1. **Name:** YUSUFF, Idowu Moshood, Ph.D
2. **Date and Place of Birth:** 16th May, 1983, Ikirun, Osun State, Nigeria
3. **Nationality:** Nigeria
4. **State of Origin and LG Area:** Osun State, Ifelodun Local Government Area
5. **Permanent Home Address**: No 15, Market Road, Odofin’s Compound, Ikirun, Osun State.

**vii. Contact Address:** Department of Radiography and Radiation Science, University of Medical Sciences, Laje Road, Ondo, Ondo State

1. **Postal Address:** Department of Radiography and Radiation Science, University of Medical Sciences, Laje Road, Ondo, Ondo State
2. **Telephone Number(s):** 07055054238 or 08060854041
3. **E-mail Address(es):** iyusuff@unimed.edu.ng oryusuffmoshood24@gmail.com
4. **Marital** **Status**: Married
5. **Number of Children with ages:** Four (4) children. Ages; 12, 10, 7 and 4 respectively
6. **Next of Kin:** Moshood Balqis Oluwaseun
7. **Contact Address of Next of Kin:** No 15, Market Road, Odofin’s Compound, Ikirun, Osun State.

**a. Postal Address:** C/o Dr. Yusuff, Department of Radiography and Radiation Science, University of Medical Sciences, Laje Road, Ondo, Ondo State

**b. Telephone Number(s):** 07031965932/ 08058304452

**c. E-mail Address (es):** balqisyusuff30@gmail.com

1. **Date of Assumption of Duty:** July 1st, 2024
2. **Rank/Status on First Appointment:** Lecturer I
3. **Present Status:** Lecturer I
4. **Date of Present Promotion/Re-grading:** Nil
5. **Previous Salary, Grade Level and Step:** CONUASS 4 STEP 1
6. **Date of Regularization of Appointment:** Nil
7. **Date of Confirmation of Appointment:** Nil
8. **Faculty/Directorate:** Allied Health Science
9. **Department/Unit:** Department of Radiography and Radiation Science

EDUCATIONAL BACKGROUND

1. Higher Educational Institutions Attended with Dates:
2. Federal University of Technology Akure (FUTA) 2019
3. Ladoke Akintola University of Technology, Ogbomosho (LAUTECH) 2013
4. University of Calabar, Cross-River State (UNICAL) 2010
5. Kwara State University, Malete (KWASU) 2017
6. Federal Polytechnic Offa, Kwara State (FEDPOFFA) 2007
7. Federal Polytechnic Offa, Kwara State (FEDPOFFA) 2003
8. College of Health Technology Offa, Kwara State (CHT-OFFA) 2017
9. Academic Qualifications and Distinction Obtained with Dates:
10. Doctor of Philosophy (Ph.D) in Medical (Radiation and Health) Physics 2023
11. Master of Technology (M.Tech) Degree in Radiation and Health Physics 2017
12. Post Graduate Diploma (PGD) in Engineering Physics 2012
13. Bachelor of Science (B.Sc) in Physics and Material Science 2020
14. Higher National Diploma (HND) in Physics with Electronic 2009
15. National Diploma (ND) in Science Technology 2005
16. Professional Qualifications and Distinction Obtained with Dates:
17. National Certificate in Medical X-Ray Technician 2020
18. Certificate from National Teachers’ Institute Program, Kaduna 2021
19. Diploma in Computer Studies (Certificate) 2007

4. Other Distinctions and Awards with Dates:

**a.** **Scholarships:** Rotary Medical Education and Development Scholarships (MEDS) 2022

**b. Fellowships:** Nil

**c. Research Grants:** IBR Submitted

**d. Local and National Awards:**

1. Award of Excellence and Recognition as Patron to Federation of Ikirun Student Union (FIKSU), Kwara State College of Health Technology Offa Chapter. 19th of October, 2024.
2. Award of Excellence by Federation of Ikirun Student Union (FIKSU), Federal Polytechnic Offa Chapter. 3rd of October, 2024.
3. Award of Honour as Most Influential HOD of the Year in Recognition of Active Service by National Association of Osun State Students (NAOSS), 22nd of July, 2024
4. Award of Recognition as Ambassador of Medical X-ray Technician of Kwara State by Association of Medical X-ray Technician of Nigeria (AMEXTON), 6th of July, 2024
5. Award of Appreciation in Recognition of your Absolute Contribution and Undisputed Commitment to the Upliftment and Progress of the Department by Association of Medical X-ray Technician of Nigeria (AMEXTON) Student Chapter, Kwara State College of Health Technology, Offa 6th of July, 2024
6. Humanitarian Service Award in Recognition and Appreciation of your immense contributions towards the growth and development of society by Rotaract Zone J, District 9125, Nigeria, 22nd of June, 2024
7. Meritorious Award in Recognition to my Contributions in Academic by Association of Medical X-ray Technician of Nigeria (AMEXTON), by AMEXTON National Body, 19th of June, 2023
8. Award Certificate in Recognition of your Absolute Contribution and Undisputed Commitment to the Upliftment and Progress of the Department by Association of Medical X-ray Technician of Nigeria (AMEXTON) Student Chapter, Kwara State College of Health Technology, Offa 19th of June, 2023

**e. International Awards:** Nil

**WORK EXPERIENCE WITH DATES:**

* 1. **Present Employment, Status and Salary:** Senior Lecturer **(CONUASS ???????????)**

 Department of Radiography and Radiation Science Faculty of **??????????????????????**

 Thomas Adewumi University (TAU), Oko, Kwara State

* 1. **Previous Work Experience with Dates:**
1. **July, 2024 – Till date:** Lecturer I (CONUASS 4 STEP 1)

 Department of Radiography and Radiation Science Faculty of Allied Health Science

 UNIMED-Ondo, Ondo State

1. **January, 2025 – Till date:** Department of Medical X-ray and Imaging Technology Osun State College of Health Technology Imule, Ilesa, Osun State

 *Designation:* *Adjount/Part-time Lecturer*

1. **March, 2023 – April, 2025:** Department of Medical X-ray and Imaging Technology Kwara State College of Health Technology Offa, Kwara State

 *Designation:* *Head of Department*

1. **February, 2023 – April, 2025:** Department of Medical X-ray and Imaging Technology Kwara State College of Health Technology Offa, Kwara State

 *Designation: Contract Appointment*

1. **January 2019 – June, 2024:** Department of Physics

 Federal University of Technology, Minna

 FUTMinna affiliated to FEDPOOffa

 *Designation: Adjunct Lecturer (Facilitator)*

1. **January, 2016 – February, 2023:** Department of Medical X-ray and Imaging Technology Kwara State College of Health Technology Offa, Kwara State

 *Designation: Part-time Lecturer*

1. **February, 2013 – June, 2024:** Department of Science Laboratory Technology Applied Physics Unit Federal Polytechnic Offa, Kwara State

 *Designation: Part-time Technologist*

1. **April, 2010 – February, 2013:** Department of Physics University Of Calabar, Cross-River State

*Designation: Laboratory Assistance*

1. **March, 2010 – March, 2011:** National Youth Services Corps (NYSC) Physics Department

 University of Calabar, Cross-River State.

 *Designation: Assistance Lecturer*

**MEMBERSHIP OF PROFESSIONAL BODIES**

1. Nigeria Institute of Physics (NIP) Member
2. Nigeria Society for Radiological Protection (NSRP) Member
3. World Academic of Science, Engineering & Technology (WASET) Member
4. International Research Conference (IRC) Member
5. Health Physics Society (HPS) Member
6. Association of Medical X-Ray Technician of Nigeria (AMEXTON) Editor-in-Chief

PROFESSIONAL ACCOMPLISHMENT:

1. National University Commission (NUC) Resource Accreditation of *Radiography and Radiation Science Department*, Thomas Adewumi University, Oko, Kwara State. *Adjunct* *Staff Member of the Department during the Exercise*. April, 2025
2. Radiographers Registration Board of Nigeria (RRBN) Resource Accreditation of *Radiography and Radiation Science Department*, University of Medical Sciences, Ondo. *Staff Member of the Department during the Exercise*. January, 2025
3. National University Commission (NUC) Resource Accreditation of *Radiography and Radiation Science Department*, University of Medical Sciences, Ondo. *Staff Member of the Department during the Exercise*. December, 2024
4. National Board for Technical Education (NBTE) Resource *Personnel* for Inspection Exercise of *Department of Medical Imaging Technology*, Osun State College of Health Technology Ilesa. *Leader of the team during the Exercise* January, 2025
5. Head of Departmental Physics Laboratory Unit, SLT Dept. FEDPOFFA 2024
6. Member Departmental Accreditation/New Program Committee, SLT Dept. FEDPOFFA 2024
7. Member Departmental Laboratory Service Committee, SLT Dept. FEDPOFFA 2024
8. Member Departmental Meteorological/Solar Garden Committee, SLT Dept. FEDPOFFA 2024
9. Member Departmental National Institute of Science Laboratory Technology (NISLT) Committee, SLT Dept. FEDPOFFA 2024
10. Member Departmental Linkage Committee, SLT Dept. FEDPOFFA 2024
11. Ad-hoc Members of the Polytechnic Examination Committee 2022
12. Member of Alternative Power Supply Committee 2022
13. Editor-in-Chief toAssociation of Medical X-Ray Technician of Nigeria (AMEXTON) 2020
14. Secretary to JRDC of Association of Medical X-Ray Technician of Nigeria 2021
15. Member, Technical Committee on Intervention and Containment of Coronavirus (COVID-19), Federal Polytechnic Offa Chapter 2020
16. Secretary, Dept. Meteorological/Solar Garden Committee 2018-2022
17. Member, Dept. Committee on Installation of Power Inverter 2017-2024

PUBLICATIONS WITH DATES

1. **Project/Thesis/ Dissertation:**
2. Effect of Ingestible Radon-222 Concentration in Drinking Water on Blood Biomarkers and the Associated Health Consequences (2023): By *Yusuff I. M*. A Thesis for Doctor of Philosophy (Ph.D) Degree at Federal University of Technology Akure (FUTA), Ondo State.
3. Empirical Modeling of Soil-Gas Radon (222Rn) Concentration in Ogbomoso Southwestern Nigeria (2017): By *Yusuff I. M*. A Thesis submitted for Master (M.Tech) Degree at Ladoke Akintola University (LAUTECH), Ogbomoso, Oyo State.
4. Solar Energy as an Alternative Source of Energy in Nigeria (2012): By *Yusuff I. M*. A Thesis submitted for Post-Graduate (PGD) Diploma, University of Calabar (UNICAL), Cross River State.
5. Computational Model Tools for Daily/Monthly Atmospheric Weather Forecast in Offa (2019):By *Yusuff I. M*. A Project submitted for Bachelor of Technology (B.Tech) Degree at Kwara State University (KWASU), Malete, Kwara State.
6. Comparative Studies on the Output of Amorphous Silicon Photovoltaic Solar Cells when Receiving Direct and Diffused Radiations (2009): *By Yusuff I. M.* A Project submitted for Higher National Diploma (HND) at Federal Polytechnic Offa, Kwara State.
7. Comparative Studies on the Microbial Load of Boiled, Filter and Un-boiled Drinking Water (2004): *By Yusuff I. M*. A Project submitted for National Diploma (ND) at Federal Polytechnic Offa, Kwara State.
8. **Books and Monographs:**

**Published Books**

1. **Introduction to Radiation Physics (2018):** By *Yusuff I. M.* 1st Edition 2018. *Published by Mubarks Printers, No 100 Igi Nsogba Area, Popo Road, Offa, Kwara State, Nigeria*. ISBN: 978-978-964-212-1.
2. **Fundamental Physics for Radiation Science (2018):** By *Yusuff I. M.* 1st Edition 2018. *Published by Mubarks Printers, No 100 Igi Nsogba Area, Popo Road, Offa, Kwara State, Nigeria*. ISBN: 978-978-964-212-0.
3. **Introduction to Instrumentation and Environmental Measurement (2014):** By *Yusuff I. M* and *Oyeleke O*. 1st Edition 2014. Department of Science Laboratory Technology, Federal Polytechnic Offa, Nigeria. *Published by SKOLAD production, Osun State, Nigeria*. ISBN: 978-978-50963-9-2.

**Unpublished Books:**

1. Hand Book on Basic Ultrasound Keyboards and Knob-ology (2023)
2. Hand Book on Basic Physics of Ultrasound (2023)
3. Basic Diagnostic X-ray Equipment and Maintenance (2023)
4. Hand Book on Biomedical Electronics I (2022)
5. Hand Book on Basic Electrical and Electronics (2022)
6. Hand Book on Patient Care and Hospital Management (2020)
7. Hand Book on Physics of Radiotherapeutic Techniques (2018)
8. Hand Book on Physics of Radiodiagnostic Imaging (2018)
9. Hand Book on Biomedical Electronics II (2018)
10. Hand Book on Physics of Radiographic Imaging Techniques (2018)
11. Hand Book on Medical Imaging Techniques (2018)
12. Hand Book on Basic Radiobiology (2018)
13. Hand Book on Physics of Radiation Protection (2018)
14. Hand Book on Radiation Detection and Measurement (2018)
15. Hand Book on Introduction to Radiation Science (2018)
16. Hand Book on Basic X – ray Circuitry (2018)
17. Hand Book on X – Ray Physics I (2017)
18. Hand Book on Introduction to Radiation Physics (2017)
19. Hand Book on Elementary Physics 1 (2016)
20. Practical Manual on Electronics Logic for Science (STP114) (2013): Laboratory Practical Manual for NDI Student at Federal Polytechnic Offa
21. Practical Manual on Physics Electronics Practical’s (PYE428) (2013): Laboratory Practical Manual for HNDII Student at Federal Polytechnic Offa
22. Practical Manual on Introduction to Atmosphere (STP115) (2021): Laboratory Practical Manual for NDI Student at Federal Polytechnic Offa
23. Practical Manual on Instrumentation and Meteorological Measurement (STP123) (2021): Laboratory Practical Manual for NDI Student at Federal Polytechnic Offa
24. Practical Manual for Darkroom Procedures (2021): Laboratory Practical Manual for X-ray Technician and Medical Imaging Technologist
25. Published Journal Articles:
26. *Yusuff I. M.*, Arogunjo A. M., Ibikunle S. B., Oni O. M & Osho P. O.(2023): “Physicochemical Activities of Blood Biomarkers Due to Ingestible Radon-222 in Drinking Water and Its Associated Health Consequences”. International Journal of Medical and Health Sciences @World Academy of Science, Engineering and Technology. Vol:17, No:12, 2023
27. Waida J., Rilwan U., Ismail W. O., *Yusuff I. M*. and Sunday B. I. (2022): “Pollution Load Index of Heavy Metals Resulting from Mining Activities in Plateau State, Nigeria”. *J. Rad. Nucl*. Appl. 7 No. 3, 57- 18(2022). http://dx.doi.org/10.18576/jrna/070310
28. Usman Rilwan, Alkasim Abubakar, *Yusuff Idowu Moshood*, Ismail Wasiu Olaniyi & Ibikunle Sunday Babatunde “Radiological Safety Assessment of Quality Processing Site in Keffi, Nigeria”. Adances in Theoretical & Computational Physics. Volume 5, Issue 3, pg. 518–523. ISSN: 2639-0108. Published 28 of July, 2022.
29. *Yusuff I. M*, Somoye O. A and Olafimihan C. A (2020): “Solar Powered Sound Automated Male Pee Toilet System for Protection against Coronavirus”. World Academy of Science, Engineering and Technology. *Engineering and Technology Journal*. e-ISSN: 2456-3358. Volume 05 Issue; 08, August-2020, Page No: *726-729*. DOI:10.47191/etj/v5i8.01, I.F. – 6.127.
30. Omoloye M. A., *Yusuff I. M.* & Emiola O. K. S. (2020): “Application of Differential Transformation Method for Solving Dynamical Transmission of Lassa Fever Model”. World Academy of Science, Engineering and Technology. *International Journal of Physical and Mathematical Sciences*, Vol: 14, No: 11, 2020. *Page 151-154*. International Scholarly and Scientific Research & Innovation 14 (11) 2020 ISNI:0000000091950263
31. *Yusuff I. M*, Oni O. M & Aremu A. A (2020): “Computational Model for Prediction of Soil-gas Radon-222 Concentration in Soil-depths and Soil Grain Size Particles”. *Published by World Academy of Science, Engineering and Technology. International Journal of Chemical and Molecular Engineering Vol: 14, No: 5, 2020. Pg 149-152.* waset.org/Publication/10011226. ISNI: 0000000091950263
32. *Yusuff I. M* & Omoloye M.A (2020): *“*Relationship between Soil-gas Radon-222 Concentration in Soil-depths and Soil Grain Size Particle”. *Published by Nigeria Journal of Science and Technology Research (NIJOSTER), School of Applied Science and Technology, Federal Polytechnic, Offa, Nigeria*. *Vol: 8, No: 1, 2020. Pg 48-56.* ISSN: 0331-5266. Email: nijostersast@gmail.com
33. Oni O. M, *Yusuff I. M* and Adagunodo T. A (2019): “Measurement of Radon-222 Concentration in Soil-Gas of Ogbomosho Southwestern Nigeria using RAD7”. *Published by* *International Journal of History and Scientific Studies Research (IJHSSR). Volume 1, Issue 3, Pages 01-08, February 2019*. *www.ijhssr.org*
34. *Yusuff I. M* and Sanni M (2017): “Variability in Near - Surface Ultraviolet Radiation and Its Dependent on some Atmospheric Parameters”. *Published by World Academy of Science, Engineering and Technology. International Journal of Physical and Mathematical Sciences Vol: 11, No: 4, 2017. Pg 183-189.* waset.org/Publication/10008334. scholar.waset.org/1307-6892/10008334
35. *Yusuff I. M* and Okoh H. A. R (2017): “The Consequences of Radiation Exposure to X – ray Dose; a Review”. Forty Years of Health and Library Education in Nigeria/ Past, Present and Future. *Published by ESTIM Impression, Printing and Publishing Co. Ilorin.* ISBN: 978-978-963-787-4*. Pg 14-21. Published 2017.*
36. Sanni, M., Mohammed, T. N., Olaoye, A. O., and *Yusuf, I. M*. (2017): “Examining the Effect of Seasonal Variation on Meningitis in Ilorin, Kwara State, Nigeria”. *Published by Nigerian Journal of Physics Vol. 27 (2). Pg 51-56. December 2016. www.njpng.org*
37. Conference Proceedings:
38. *Yusuff I. M,* Adagunodo T. A, Omoloye M. *A &* Olanrewaju M. A. (2019): “Interdependency of Soil-gas Radon-222 Concentration and Soil Porosity at different Soil-depths”. Published by IOP Conf. Series: Journal of Physics: Conf. Series 1299 (2019) 012099. *IOP publishing doi:10.1088/1742-6596/1299/1/012099. Pg 1-10. 3rd International Conference on Science and Sustainable Development (ICSSD 2019)*
39. Manuscript Submitted for Publication:
40. Effects of Ingestible Radon-222 in Drinking Water on Complete Blood Count (CBC) Biomarkers and the Associated Health Consequences.

**CONFERENCES, SEMINARS AND WORKSHOPS ATTENDED WITH DATES:**

1. **Conference/Courses/Seminar Attended:**
2. 2nd Faculty of Science Conference, University of Medical Sciences, Ondo City, Ondo State, Nigeria.

*Theme: Bringing Scientific Research and Healthcare; Exploring Emerging Trends. 23rd – 26th September, 2024*

1. 4th National Conference of Academic Staff Union of Polytechnics (ASUP), (Federal Polytechnic Offa Chapter).

 *Theme: Digitalization for Sustainable Economic Development. August 21st – 24th, 2023*

1. 1st National Conference of Journal of Health and Disease Prevention heald at Kwara State College of Health Technology Offa, Kwara State, Nigeria.

 *Theme: Emerging Health Issues in the Post COVID-19 Period. May 9th – 10th, 2023*

1. International Conference on COVID-19, Air Quality and Environment held at Osun State University, Osogbo, Osun State, Nigeria.

 *Theme: Fighting Pollution: A Silent Threat to our Existence. August 29-September 2, 2022.*

1. Annual Memorial Lecture/Workshop organized by Association of Science Laboratory Technology , Federal Polytechnic Ede Chapter.

 *Theme: Science Laboratory Technology; A Bedrock for Innovation and National Development.* September 21, 2022.

1. Workshop Training of Scientists, Researchers & Technologists at Osun State Polytechnics, Iree

 *Theme: New Trends in Laboratory Class Teaching & Current Trends in Laboratory Technology. May 31st – June 1st, 2022*.

1. 8th National Conference of the School of Applied Science and Technology held at Federal Polytechnic, Offa, Kwara state-Nigeria.

 *Theme: Science and Technology; Tool for Entrepreneurship, Economic Development and Security. November 23rd – 25th, 2021*.

1. SET Annual International Conference [SAINCONF 2021]. Held at Federal Polytechnic Ede, Osun State, Nigeria.

 *Theme: Engineering and Scientific Development; a Panacea for National Instability*. *November 8th – 11th, 2021*.

1. National Conference of the Association of Medical X-Ray Technician of Nigeria, Ondo 2021. Held at Akure in Ondo State, Nigeria.

 *Theme: Task Shifting and Task Sharing Police in Radiology; the Medical X-Ray Technicians Perspectives*. *November 10th – 12th, 2021*.

1. Workshop Training on Basic Instructional Methods and Techniques held at National Teachers’ Institute, Kaduna Nigeria. *October 18th – 20th, 2021*.
2. 19th Meeting of the National Council of Science, Technology and innovation held at Abuja.

 *Theme: Investment in Research and Development: A necessary Tool to Improving Nigeria Economy. September 20th – 24th, 2021*.

1. National Conference of the Association of Medical X-Ray Technician of Nigeria. Held at Minna (Niger 2020), Nigeria..

 *Theme: Radiological Services Delivery and the Safety of X-Ray/Imaging Technicians, Amid Covid-19 Era. December 8th – 10th, 2020*.

1. Certificated Strategy Webinar and Online Workshop. International Business School of America, [Americas Business Channel](http://t.rdsv.net/ls/click?upn=GvixOtMf6Br8pMfl6uKmA4wIMeStwcu-2B9Ssj5kbCvGaUc11OGyXTw-2BT-2FDNA9oMO4KaYkLAN5-2FzMjR2y83Pxqx2ADmZYJK09JsE501bznLkwX8T4rJehMbllG3slW3xRjBAi1MByijwSn9Fovz469Km2DcVGBvNYGK-2B-2B7vpCvfJpD-2Bo78Y-2Fi-2BeKtgISqOgyDHVEByTwQUKHZxdiV87FtZbNNiFy87Lmb0WN-2BUyb66qDv3CGHuz-2FREXLM-2FmazjIUobnQmJcpGWw9My8rHSUdx-2FwQuzO4wEl9-2BSwllmom6DbDUU0cGJTLPa8P2bbdpc3-2FuxcAWswD-2BpdLz2kozsYJuI-2BH0UhdXlMELUbrQiQ61jE2y-2F9XgHPY2meskeoKmfCyZ94bt9bKQEPqBrtIz7XZoh8xsnss8n3JdvVN-2FhhN5t9s9-2FFymQ8-2B2pgNG4nDrKvQK4wBHfVkXOmOdLwIJ8opqo9F6kYt3xeH6WKqWfdlqB-2BOvGf5o-2FIGFLUeTCOuqR5ZK797g-2F4YZkE7KJs3hqYEMas4IyVSC0PzDX-2FQBOtOJVU7R2meWcDaMCDhYrJkA464CC7LLKTIJu3i01Xo36Axz225aO61Nebo9Z-2B7hgrHhO1Kc7-2BcB8kOTPH3Y8V65ZOdLUBOf80YWIcQjLSeEKtA2XTet-2BGF32iFIjP7SwalnjltvUFII1nbBX2Dja-2FRkOB8yIaksWNu4KbqBq7bDNAxufFaQFAsj23BjRV1Fks2Uejj-2Bh-2FxLVQIp74lzCZPEy9xFaSvl-2FdikRoYzGqeDlhG6xYqiILg8NOPVuQbuk985R50DkYNbR5xEijweaNvAlBrsPBssR6AdVQMfwcumVlMyXVJED-2F6K4Lrgvhkq4sX6rykYRut-2Fl8sABRrrIk-2F3TYroQgI-2FwNHUz-2FzYngvqEwUfmbq1ldx2PqL-2B1Lk6dXQ-2FgYnfxRyEhw-2BlP-2BlP-2FLEpbS57hQP3qUy-2F0tRD5x6aDaoUiozfi8JNabe3UzlMcTUISIx8-3DSCdZ_2W9ikHiTG52xeYN0njiKyqnjlQGVcUJ72lU6SbyNXFeNwRTIZH-2BVGKXTADhHUWwHjahI5FPla4OQqUycTz6orN5dH2LH2PUpbPZSidYAEbbenARQUKAj1SiJa-2BCG90NZl56GU1J8Nw1OAv1yb1zk2i7aJEzYJjzdzFKeQED5drLcnlf1hqXkEHhL6s7j4V48YB7b4nHZieD-2Bb-2Bn-2BfGp9t-2FQsLA6e68mdaD0a4H4Iw9KkvEPh-2BUVN-2F3LM8PxVeNUcz0vlBT0DXHugXGHhhTfNb-2BM-2BYnoon3Pak5JFuWWVpnlraLSO4lKatJLCIa-2Bs8VgbVvjgrkS-2BWgVZVhfth-2BKLnHGzTbUYFisJfq8jGLDPNUyH55-2BLQMLiuASm33ckE3rj8k4bAyhqKOVYSjjzzj-2BQ4LCHyKlY3vYT46tE3-2FUWPawVGcHoxpah7yJhVL25ePAEV-2FdruDlKMl54IrgXNY5rbkemLqg-2BVIkjFlCN2l-2FwGFM-3D). https://international.ibs-americas.com

 *Theme: Scenario planning to face the Coronavirus pandemic. April, 16th 2020.*

1. 3rd International Conference on Science and Sustainable Development (ICSSD 2019). Department of Physics, College of Science and Technology, Covenant University, Ota, Nigeria.

 *Theme: Science, Technology and Research: Keys to Sustainable Development. May 6th – 8th, 2019*

1. 7th National Conference of the School of Applied Science and Technology held at Federal Polytechnic, Offa, Kwara state-Nigeria.

 *Theme: Science, Technology and Entrepreneurship: Bedrock for Economic Transformation and Solution to Youth Unrest. November 20th – 22nd, 2018*

1. 7th Annual National Conference of Medical X – Ray Technicians of Nigeria (AMEXTON) held at Bovina Multi-purpose View Hall, Ilorin, Kwara State.

 *Theme: Diagnostic X–Ray Technology Development. December, 11th –12th, 2017*

1. 1st International Conference of the School of Applied Science and Technology held at Federal Polytechnic, Offa, Kwara state-Nigeria

 *Theme: Science, Technology and Innovation: A sustainable Tool in Change Agenda for Socio-economic Development. November 8th -10th, 2016*

1. 38th Annual Conference of the Nigeria Institute of Physics (NIP) held at Olabisi Onaabanjo University Ago Iwoye, Ogun state, Nigeria

 *Theme: Physics and Telecommunications: Overcoming Security Challenges for Sustainable Development; Monday October 5th – Friday 9th, 2015.*

1. 37th Annual National Conference of the Nigeria Institute of Physics (NIP) held at Oduduwa University, Ipetumodu. Ife kingdom, Osun state-Nigeria.

 *Theme: Physics in Emerging Technologies for National Development. Oct. 27-31, 2014*

1. 6th National Conference of the School of Applied Science and Technology held at Federal Polytechnic, Offa, Kwara state-Nigeria

 *Theme: Science and Technology; A panacea to challenges and transformation in Nigeria. November 11th -13th, 2014*

1. **Papers Presented at Conference/Courses/Seminar Attended**
2. Dysfunction of Blood Biomarkers due to Radon-222 Contaminants Ingestion in Drinking Water and the Associated Health Consequences by *Yusuff I. M.* and Osho P. O. at 2nd Faculty of Science Conference, University of Medical Sciences, Ondo City, Ondo State, Nigeria.
3. Ingestible Radon-222 Concentrations in Drinking Water and its Associated Health Consequences using Complete Blood Count Biomarkers by *Yusuff I. M*., Arogunjo A. M. & Ibikunle S. B. at 4th National Conference of Academic Staff Union of Polytechnics (ASUP), (Federal Polytechnic Offa Chapter).
4. Physicochemical Activities of Blood Biomarkers due to Radon-222 Concentration Ingestion in Drinking Water and its Associated Health Consequences by *Yusuff I. M*., Arogunjo A. M. & Ibikunle S. B. at 1st National Conference of Journal of Health and Disease Prevention heald at Kwara State College of Health Technology Offa, Kwara State, Nigeria.
5. Identification of Cardiomegaly using Cardiothoracic Ratio (CTR) In Chest X-Ray among Some Selected Adult Volunteers by *Yusuff I. M*., Okunoye N. O. & Muritala K. S. at 1st National Conference of Journal of Health and Disease Prevention heald at Kwara State College of Health Technology Offa, Kwara State, Nigeria.
6. Radiological Views and Assessment of Knee Arthritis using Radiographic X-ray Procedure by *Yusuff I. M*., Muritala K. S. & Okunoye N. O. at 1st National Conference of Journal of Health and Disease Prevention heald at Kwara State College of Health Technology Offa, Kwara State, Nigeria.
7. Effective Complete Blood Count (CBC) Biomarkers due to Radon-222 Concentration Ingestion in Drinking Water and its Associated Health Consequences by *Yusuff I. M*., Arogunjo A. M., Oni O. M., Ibikunle S. B. & Osho P. O. at International Conference on COVID-19, Air Quality and Environment held at Osun State University, Osogbo, Osun State, Nigeria.
8. Hand-Clap-Switch Solar Powered Hand-Rub Ultraviolet (UV) Radiation Sanitizer for Protection against Coronavirus by *Yusuff I. M*, Olafimihan C. A & Awe A. S at International Conference on COVID-19, Air Quality and Environment held at Osun State University, Osogbo, Osun State, Nigeria.
9. An Empirical Examination of Intraday Temperature Volatility by *Yusuff I. M* at SET Annual International Conference [SAINCONF 2021]. Held at Federal Polytechnic Ede, Osun State, Nigeria.
10. Automated Male Pee Toilet System for Protection against Coronavirus. *By Yusuff I. M, Somoye O. A & Sadisu G.* at 1st International Conference of Academic Staff Union of Polytechnic [ASUP 2020], Federal Polytechnic Offa Chapter.
11. A Review of the Effect of Coronavirus Pandemic on the Environment and the Challenges Ahead. *By Sadisu G, Adeyemi C. O, Shittu F. B, Yusuff I. M & Issa K. O.* at 1st International Conference of Academic Staff Union of Polytechnic [ASUP 2020], Federal Polytechnic Offa Chapter.
12. “3 Scenarios of the Corona Virus Pandemic Evolution”. Presented at Certificated Strategy Webinar and Online Workshop. International Business School of America, [Americas Business Channel](http://t.rdsv.net/ls/click?upn=GvixOtMf6Br8pMfl6uKmA4wIMeStwcu-2B9Ssj5kbCvGaUc11OGyXTw-2BT-2FDNA9oMO4KaYkLAN5-2FzMjR2y83Pxqx2ADmZYJK09JsE501bznLkwX8T4rJehMbllG3slW3xRjBAi1MByijwSn9Fovz469Km2DcVGBvNYGK-2B-2B7vpCvfJpD-2Bo78Y-2Fi-2BeKtgISqOgyDHVEByTwQUKHZxdiV87FtZbNNiFy87Lmb0WN-2BUyb66qDv3CGHuz-2FREXLM-2FmazjIUobnQmJcpGWw9My8rHSUdx-2FwQuzO4wEl9-2BSwllmom6DbDUU0cGJTLPa8P2bbdpc3-2FuxcAWswD-2BpdLz2kozsYJuI-2BH0UhdXlMELUbrQiQ61jE2y-2F9XgHPY2meskeoKmfCyZ94bt9bKQEPqBrtIz7XZoh8xsnss8n3JdvVN-2FhhN5t9s9-2FFymQ8-2B2pgNG4nDrKvQK4wBHfVkXOmOdLwIJ8opqo9F6kYt3xeH6WKqWfdlqB-2BOvGf5o-2FIGFLUeTCOuqR5ZK797g-2F4YZkE7KJs3hqYEMas4IyVSC0PzDX-2FQBOtOJVU7R2meWcDaMCDhYrJkA464CC7LLKTIJu3i01Xo36Axz225aO61Nebo9Z-2B7hgrHhO1Kc7-2BcB8kOTPH3Y8V65ZOdLUBOf80YWIcQjLSeEKtA2XTet-2BGF32iFIjP7SwalnjltvUFII1nbBX2Dja-2FRkOB8yIaksWNu4KbqBq7bDNAxufFaQFAsj23BjRV1Fks2Uejj-2Bh-2FxLVQIp74lzCZPEy9xFaSvl-2FdikRoYzGqeDlhG6xYqiILg8NOPVuQbuk985R50DkYNbR5xEijweaNvAlBrsPBssR6AdVQMfwcumVlMyXVJED-2F6K4Lrgvhkq4sX6rykYRut-2Fl8sABRrrIk-2F3TYroQgI-2FwNHUz-2FzYngvqEwUfmbq1ldx2PqL-2B1Lk6dXQ-2FgYnfxRyEhw-2BlP-2BlP-2FLEpbS57hQP3qUy-2F0tRD5x6aDaoUiozfi8JNabe3UzlMcTUISIx8-3DSCdZ_2W9ikHiTG52xeYN0njiKyqnjlQGVcUJ72lU6SbyNXFeNwRTIZH-2BVGKXTADhHUWwHjahI5FPla4OQqUycTz6orN5dH2LH2PUpbPZSidYAEbbenARQUKAj1SiJa-2BCG90NZl56GU1J8Nw1OAv1yb1zk2i7aJEzYJjzdzFKeQED5drLcnlf1hqXkEHhL6s7j4V48YB7b4nHZieD-2Bb-2Bn-2BfGp9t-2FQsLA6e68mdaD0a4H4Iw9KkvEPh-2BUVN-2F3LM8PxVeNUcz0vlBT0DXHugXGHhhTfNb-2BM-2BYnoon3Pak5JFuWWVpnlraLSO4lKatJLCIa-2Bs8VgbVvjgrkS-2BWgVZVhfth-2BKLnHGzTbUYFisJfq8jGLDPNUyH55-2BLQMLiuASm33ckE3rj8k4bAyhqKOVYSjjzzj-2BQ4LCHyKlY3vYT46tE3-2FUWPawVGcHoxpah7yJhVL25ePAEV-2FdruDlKMl54IrgXNY5rbkemLqg-2BVIkjFlCN2l-2FwGFM-3D). https://international.ibs-americas.com. *By Yusuff Idowu Moshood*
13. “Interdependency of Soil-gas Radon-222 Concentration and Soil Porosity at different Soil-depths. Presented at 3th International Conference on Science and Sustainable Development (ICSSD 2019). Department of Physics, College of Science and Technology, Covenant University, Ota, Nigeria. *By Yusuff I. M, Adagunodo T. A and Omoloye M. A.*
14. “Relationship between Soil-gas Radon-222 Concentration in Soil-depths and Soil Grain Size Particles”. Presented at 7th National Conference of the School of Applied Science and Technology held at Federal Polytechnic, Offa, Kwara state-Nigeria. *By Yusuff Idowu Moshood*
15. “Variability in Near – Surface Ultraviolet Radiation Under the Influence of Some Atmopsheric Parameters”. Presented at 1st International Conference of the School of Applied Science and Technology held at Federal Polytechnic, Offa, Kwara state-Nigeria. *By Yusuff Idowu Moshood*
16. “Efficiency of Solar Tracker for Solar Energy Generator”. Presented at 1st International Conference of the School of Applied Science and Technology held at Federal Polytechnic, Offa, Kwara state-Nigeria. *By Yusuff I. M.*
17. “Model for Clearness Index using Ambient Temperature Data for Solar Energy Utilization in Offa, Nigeria”. Presented at 1st International Conference of the School of Applied Science and Technology held at Federal Polytechnic, Offa, Kwara state-Nigeria. By Oyeleke Olaosebikan and *Yusuff Idowu Moshood*
18. “Performance Evaluation of Solar Photovoltaic Output Power under the influence of Atmospheric conditions”. Presented at 1st International Conference of the School of Applied Science and Technology held at Federal Polytechnic, Offa, Kwara state-Nigeria. By Olabomi O. E, *Yusuff I. M.* and Olawale K. O.
19. “Projection of Daily/Monthly Solar Radiation using atmospheric temperature and humidity”. Presented at 1st International Conference of the School of Applied Science and Technology held at Federal Polytechnic, Offa, Kwara state-Nigeria. By *Yusuff I. M.*
20. “Investigation of Panel Temperature and Relative Humidity on Power Output of Crystalline Silicon Solar Panel”. Presented at 1st International Conference of the School of Applied Science and Technology held at Federal Polytechnic, Offa, Kwara state-Nigeria. By *Yusuff I. M.*
21. “Comparison Analysis Between Monocrystalline Solar Panel Output and Polycrystalline solar panel output in Offa, Kwara State”. Presented at 1st International Conference of the School of Applied Science and Technology held at Federal Polytechnic, Offa, Kwara state-Nigeria. By *Yusuff I. M.*
22. “Variation of Soil-gas Radon-222 concentration with some soil parameters”. Presented at 38th Annual Conference of the Nigeria Institute of Physics (NIP) held at Olabisi Onaabanjo University Ago Iwoye, Ogun state, Nigeria. Monday October 5th – Friday 9th, 2015. By Olatunde Michael Oni and *Yusuff Idowu Moshood*
23. “Estimating Solar Irradiance/ Insolation of Offa Latitude 8.15 Longitude 4.72 North-central Nigeria”. Presented at 6th National Conference of the School of Applied Science and Technology held at Federal Polytechnic, Offa, Kwara state-Nigeria. Nov. 12th, 2014. By David H. O., Oyeleke O., and *Yusuff I. M.*
24. “Solar energy as Invaluable source of energy in Nigeria”. Seminar presented to Central Bank of Nigeria, Calabar branch, Cross-river state. By *Yusuff I. M.*

**RESEARCH INTERESTS AND ACTIVITIES**

Medical Physics/Radiation and Health Physics Field, Radiography and Radiation Science Field, Radiobiology, Radiodiagnosis, Radiotherapy, Radiation Detection and Radiation Field, Physics and Physics Related Fields.

OTHER RELEVANT SERVICES IN ACADEMIC

1. **Inventions/Patents:**
2. Installation of 2.5KVA Solar Power Inverter at SLT Department Building, Federal Polytechnic Offa Main Campus, Offa Kwara State and Supervision of Students Project on Alternative Power Project, September, 2023.
3. Fabrication of five (5) different machines to contain and prevent against COVID-19 (Solar Powered Fumigator, Hand-clap-switch Solar Powered Hand-rub Ultraviolet (UV) Wave Radiation Sanitizer, Solar Powered Sound Wave Actuated Male Pee Toilet System, Solar Powered Sound Wave Actuated Hand Washing System and, Solar Powered Sanitizing Machine). *September 2020 – 2021.*
4. Invention of Hand-clap-switch Solar Powered Hand-rub Ultraviolet (UV) Radiation Sanitizer for Protection against Coronavirus. Completed and commissioned by Rector and the management of Federal Polytechnic Offa on Monday, 1st of June, 2020.
5. Invention of Solar Powered Sound Automated Male Pee Toilet System for Protection against Coronavirus. Completed and commissioned by Rector and the management of Federal Polytechnic Offa on Monday, 1st of June, 2020
6. **Service to National and International Bodies:**
7. Fabrication and presentation of five (5) different projects at 19th Meeting of the National Council of Science, Technology and innovation held at Abuja. (Solar Powered Fumigator, Hand-clap-switch Solar Powered Hand-rub Ultraviolet (UV) Wave Radiation Sanitizer, Solar Powered Sound Wave Actuated Male Pee Toilet System, Solar Powered Sound Wave Actuated Hand Washing System and, Solar Powered Sanitizing Machine). *September 20th – 24th, 2021.*
8. Fabrication and Installation of Solar Powered Fumigator and Solar Powered Sound Wave Actuated Male Pee Toilet System at National Board for Technical Education (NBTE) based on Director General Request. *September 24th, 2021.*

**Extra-Curricular Activities:**

1. 9th President of *Rotary E-club of Greater Nigeria*, the first E-Club in Nigeria, District 9126 in Nigeria July 2024 till date.
2. Member of Rotary International (*Rotary E-club of greater Nigeria*), District 9126 in Nigeria, 2016
3. Others are reading, travelling, and brain storming.

**Signed: Yusuff I. M., Ph.D.**

**Date: April 22nd, 2025.**