

Publications

(a) Books already published: Nil

(b) Chapters in text Books

1. N.N. Jibiri and A.O. Mabawonku (1999). Atomic physics: Chapter 12 of General Physics for colleges, Polytechnic and University. Edited by Kola Odunnaike and Elijah Ojelabi. Vol. 2. pp 238-269.
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3. N.N. Jibiri (1999). Experimental Techniques in Electronics and Basic Optics for 200 Level undergraduate. Edited by: **N.N. Jibiri**, R.K. Odunnaike and E.A. Ojelabi.
4. N.N. Jibiri and O.O. Odusote (2006). Equilibrium. Chapter 8 of Concise General Physics for Colleges, Polytechnics and University. Edited by Kola Odunnaike, **Nnamdi Jibiri** and Bidemi Laoye Vol. 1.pp 146 - 159.
- 5a. N.N. Jibiri and I.M. Alausa (2006) Gravitation. Chapter 10 of Concise General Physics for Colleges, Polytechnics and University. Edited by Kola Odunnaike, **Nnamdi Jibiri** and Bidemi Laoye Vol 1. pp 179 - 194.
- 5b. N.N. Jibiri (2013) Methods of Charging. Chapter 1 of Fundamentals of Electricity and Magnetism. Edited by Idowu P. Farai and Olatude M. Oni. Printed by Ibadan University Press (ISBN: 978 – 978 – 8456 – 09 – 4). pp 1 -22
6. N.N. Jibiri (2013) Coulomb’s Law. Chapter 2 Chapter 1 of Fundamentals of Electricity and Magnetism. Edited by Idowu P. Farai and Olatude M. Oni. Printed by Ibadan University Press (ISBN: 978 – 978 – 8456 – 09 – 4). pp 23 - 40 .
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- (10). N.N.Jibiri, A.O. Mabawonku, A.A. Oridate and C.Ujiagbedion (1999). Natural radionuclide concentration levels in soil and water around a cement factory at Ewekoro, Ogun State, Nigeria. *Nigerian Journal of Physics* Vol. 11 pp, 12-16.

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- (12). I.P. Farai and N.N. Jibiri (2000). Outdoor gamma radiation dose rate levels in Northern Nigeria. *African Journal of Science and Technology*. Vol. 1 No. 1, pp. 108-114.
- (13). I.P. Farai and N.N.Jibiri (2000). Terrestrial gamma radiation dose levels in Ibadan. *Nigerian Journal of Science*, Vol. 34, No. 3, pp, 195-199.
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M.CONFERENCES/WORSHOPS ATTENDED.

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- Paper 1- Natural radionuclide concentration levels in soil and water around a cement factory in Ewekoro, Ogun State Nigeria .**N.N.Jibiri**, A.O. Mabawonku, A.A. Oridate and C. Ujiagbedion. Book of Abstract 23rd- 26th September, **1998** Pg 50
 - Paper 2- Radioactivity concentration levels in some selected rock types in Nigeria. **N.N. Jibiri**, I.P. Farai and A.M. Ogunlana. Book of Abstract 23rd- 26th September, **1998** Pg 77
- (2) The 38th Annual Conference of Science Association of Nigeria (SAN) held at Ogun State University, Ago-Iwoye. 10-14 December, 2000
- Paper- Measurement of radiation exposure levels in and around Ogun State University Health centre due to diagnostic x-ray procedures. **N.N. Jibiri** and E.O. Alonge. Book of Abstract. 10th-14th December, **2000** Pg 44
- (3). The 39th Annual Conference of Science Association of Nigeria (SAN) held at the University Lagos, Akoka-Yaba, Lagos, Nigeria, 25 - 29 November, **2001**
- Paper- Preliminary studies of radioactivity measurements in industrial wastes and by products in Lagos Metropolis. **N.N. Jibiri** and H.A. Lawal. Book of Abstract 25th-29th November, **2001**. Pg 50
- (4). The International symposium on technology and development in Africa. Organized by Center for African studies, University of Illinois, Urbana-Champaign Chicago USA, April 23-28, **2001**.
- Paper- Cultural challenges for the development of science and technology in Africa. A.O. Mabawonku, **N.N. Jibiri** and O.O. Fasanwon.
- (5). International Conference on Environment: Survival and Sustainability, Organized by Near East University, Nicosia, Turkish Republic of Northern Cyprus, 19 – 24 February, 2007
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- (6). The 30th Annual Conferences of Nigerian Institute of Physics (NIP) held at Lagos State University, Ojo, Lagos, Nigeria, August 15 -18, 2007

- Paper – The genetically significant dose of occupationally exposed individuals in some Industrial and Medical Establishment in Nigeria. N.N. Jibiri and G.T. Oguntade. Book of Abstract, August 15 -18, **2007** Pg 60 -61.
- (7). The 33rd Annual Conferences of Nigerian Institute of Physics (NIP) held at University of Ibadan, Ibadan, Nigeria, **November 9 – 13, 2010**
- **Paper 1-** Radionuclide contents in raw minerals and soil samples from some mining sites in Benue State North-central Nigeria: N.N, Jibiri and S.T, Temaugee Book of, 2010 Pg 39
 - **Paper 2-** Radionuclide contents in industrial raw minerals and soil samples from mining sites and their radiological implications to the population in Akwa Ibom state Nigeria : Jibiri N.N. and Esen, N. U. Book of Abstract, November 9 – 13, 2010 Pg 27
 - **Paper 3-** The determination of stopping power and failure time of spacecraft/satellite components due to proton interaction using goes 11 acquisition data Nnamdi N. Jibiri, Victor U. J. Nwankwo and Mike Kio. November 9 – 13, 2010 **Pg 47**
- (8). Training workshop on Responsible conduct of Research, held at Faculty of Science, University of Ibadan, Ibadan, Nigeria, July 25 – 26, 2012.
- (9). International Conference on Science and Sustainable Development In Nigeria. Theme: Scientific Research and Sustainable Development in Nigeria, held at the *Conference Centre, University of Ibadan, Ibadan, Nigeria. Faculty of Science Lakeside Lecture Theatre*, Date: 13 – 17 May, 2013.
- (10). The fourth Regional African Congress of the International Radiation Protection Association: Strengthening Radiation Protection Infrastructures for Health and Sustainable Development in Africa held at Faculty of Medicine and Pharmacy, Mohammed V-Souissi University, Rabat, Morocco 13 – 17 September, 2014.
- (11). The 25th Annual Colloquium and Congress of Nigerian Association of Mathematical Physics held at Faculty of Science, Olabisi Onabanjo University, Ago-Iwoye Nigeria, 4 – 7 November, 2014.
- (12). The 2nd West African Conference organized by Nigeria Communications Commission on EMF and Health: EMF in a highly connected society, understanding the myths and realities, Eko Hotel and Suites Victoria Island Lagos, Nigeria, 17 – 18 December, 2014.
- (13). The 38th Annual Conference of Nigerian Institute of Physics (NIP) held at Olabisi Onabanjo University, Ago-Iwoye, Ogun State, Nigeria., October, 5 – 9, 2015.
- (14) The 2nd National conference on Environment and Health organized by the LivingScience foundation Ile-Ife: Managing the Environment to protect our vulnerable populations held at Redeemer’s University Ede, Osun State, Nigeria, 4 – 5 April, 2017.

(15) The 3rd International Conference on Science Scientific Research in Nigeria. Theme: Diversification of Nigeria's economy through Science held at Lakeside Lecture Theatre, Faculty of Science, University of Ibadan 16 – 19 May, 2017

(16) The 4th International Conference on Science Scientific Research in Nigeria. Theme: Innovative Scientific Research and National Development held at Lakeside Lecture Theatre, Faculty of Science, University of Ibadan, 16 – 23 May, 2019

(17) A 2-day Workshop on Safety, Security and Regulatory Requirements for the Use of Nuclear Technology in the Oil and Gas Industry: Experiences, Challenges and Way Forward, 18 –20, June 2019.

(18) A 5-day workshop on the Establishment of National Strategy For Education and Training in Radiation, Transport and Waste Safety: The Education and Training Appraisal (EduTA) Mission of The International Atomic Energy Agency (IAEA) To Nigeria, NNRA Headquarters Abuja, 10 - 14 October, 2022

N. Ten Best publications that Reflect the Totality of my Contributions to Scholarship

1. Farai, I.P. and **Jibiri, N.N.** (2000). Baseline studies of Terrestrial outdoor gamma dose rate levels in Nigeria. *Radiation Protection Dosimetry* Vol. 88 No. 3: 247-254.
2. **Jibiri, N.N.** and Bankole, O.S. (2006). Soil radioactivity and radiation absorbed dose rates at roadsides in high traffic density areas in Ibadan metropolis southwestern Nigeria. *Radiation Protection Dosimetry* Vol. 118 No. 4: 453 - 458.
3. **Jibiri, N.N.**, Farai, I.P and Alausa, S.K. (2007). Estimation of annual effective dose due to natural radioactive elements in Ingestions of foodstuffs in Tin mining area of Jos-Plateau, Nigeria. *Journal of Environmental Radioactivity* Vol. 94 No. 1: 31- 40.
4. **Jibiri, N.N.** and Emelue, H.U. (2008). Soil radionuclide concentrations and radiological assessment in and around a refining and petrochemical company in Warri, Niger- Delta, Nigeria. *Journal of Radiological Protection* Vol. 28 No. 3: 361 – 368.
5. **Jibiri, N.N.** and Amakom, C.M. (2011). Radiological assessment of radionuclide contents in soil waste streams from oil production well of a petroleum development company in Warri Delta State, Nigeria. *Indoor and Built Environment* Vol. 20 No. 2: 246 - 252.
6. **Jibiri, N.N.** and Esen, N.U. (2011). Radionuclide contents and radiological risk to the population due to raw minerals and soil samples from the mining sites of quality ceramic and pottery industries in Akwa Ibom, Nigeria. *Radioprotection* Vol. 46 No.1: 75–87.
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8. **Jibiri, N.N** and Okeyode, I.C (2012). Evaluation of radiological hazards in the River sediments of Ogun River South- Western Nigeria. *Radiation Physics and Chemistry* Vol. 81 No. 2: 103–112.

9. **Jibiri, N.N.** and Obarhua, S.T.U (2013). Indoor and outdoor gamma dose rate exposure levels in major commercial building material distribution outlets and their radiological implications to occupants in Ibadan, Nigeria. *Journal of Natural Science Research* Vol. 3 No. 3: 25 – 31.
10. **Jibiri, N.N** and Adewale, A.A (2014). Estimation of Radiation dose to the lens of eyes of Patients undergoing cranial computed tomography in a teaching hospital in Ile-Ife, Osun State Nigeria. *International Journal of Radiation Research* Vol. 12 No. 1: 53 – 60.