1. **Personal Data**:

1. Full Name (Surname first): AKINTOMIDE, JENROLA

2. Date of Birth: 16th September, 1980

3. Details of Contact address: 30, Oke-Isegun Street, Surulere Ondo, Ondo City, Nigeria

a. E-mail Address (es): [jenrola16@yahoo.com](mailto:jenrola16@yahoo.com), [jakintomide@unimed.edu.ng](mailto:jakintomide@unimed.edu.ng)

b. Mobile Phone Number(s): +2348058514106

4. Nationality: Nigerian

5. State of Origin: Ondo State

6. Local Government Area: Ondo West

7. Permanent Home Address: 30, Oke-Isegun Street, Surulere Ondo, Ondo City, Nigeria

8. Marital Status: Married

9. Number of Children: Three

10. Next of Kin: Mr Akinsola AKINTOMIDE

11. Details of Contact Address of Next of Kin: 30, Oke-Isegun Street, Surulere, Ondo, Ondo City, Ondo State.

a. E-mail Address (es): solatomide@yahoo.com

b. Mobile Phone Number(s): 08051944812

c. Permanent Home Address: 30, Oke-Isegun Street, Surulere Ondo, Ondo City

12. Date of Assumption of Duty: 28/09/2018

13. Rank/Status of First Appointment: Technologist I / CONTISS 8 Step 01

14. Present Status: Principal Technologist

15. Date of Last Promotion: 01/10/2024

16. Present Salary, Grade Level and Step: CONTISS 11 Step 01

17. Date of Confirmation of Appointment: 03/09/2021

18. Faculty/Directorate: Science

19. Department/Unit: Physics with Electronics

**B. Educational Background:**

**1. Higher Educational Institutions Attended with Dates**

1. Federal University of Technology Akure. 2022-2024
2. Joseph Ayo Babalola University (JABU), Ikeji –Arakeji 2017-2019
3. Federal Polytechnic Offa 1999-2005

**2. Academic/Professional Qualifications and Distinctions Obtained with Dates**

* 1. MSc Electronics, Measurement and Instrumentation (Distinction) 2024
  2. BSc Physics (Second Class Honors Upper Division) 2019
  3. HND Physics Electronics (Upper Credit) 2005
  4. ND Science Laboratory Technology 2001

**3. Other Distinctions and Awards with Dates**

(a) Trade Test in Elect Installation Work (IB/2/48171) 2014

Federal Ministry of Labour and Productivity

(b) ICT/Telecommunications Diploma 2010

TTC Mobile Lagos

(c) Meritorious Service Certificate 2007

Abdu Gusau Polytechnic, Talata Mafara, Zamfara State

(d) Best Graduating Student in Physics at JABU 2019

(e) Undergraduate Scholarship 2004/2005

Ondo State Government of Nigeria

**C. Work Experience with Dates:**

**1. Work Experience in the University of Medical Sciences Ondo**

**Technologist – UNIMED (28th September 2018 to date)**

* Collaboration with faculty and students on research initiatives, experimental design, data generation, and data analysis using Python analytical tools.
* Supervised lab users concerning lab activities, ensuring compliance with protocol and safety.
* Instruction of practical Physics and Electronics to students.
* Instruction in Rehabilitation Physics/Biophysics (Dept. of Audiology)
* Instruction of Workshop Technology to students. (Dept. of Sci. Lab. Tech.)
* Instruction of Instrumentation and Maintenance (Dept. of Sci. Lab Tech., Physics, Prosthetics and Orthotics).
* Prepared Physics/Electronics Laboratories for NUC accreditation of Physics/Electronics, Physics, Medical Physics, and Science Laboratory Technology (Physics/Electronics) programmes.
* Perform laboratory management, repair apparatus, installation of apparatus, and inventory laboratory items.
* Instruction of practicals to students online and marking of the students’ practical reports online during the COVID-19 pandemic
* An active member who prepared Physiotherapy Labs for NUC accreditation 2019.
* Invigilation of examinations.

**2. Previous Work Experience in other Universities**

**Technologist - OSUSTECH (24th May 2017 to 27th September, 2018)**

* Instruction of practical Physics and Electronics to Students.
* Laboratory management, equipment maintenance, and repair at the Physics laboratory.
* A team member who repaired and installed solar street light systems in the university community and submitted the diagnostic report to the University management in 2017
* A team member who prepared Engineering laboratories for the NUC resource verification exercise in 2017.
* Store Officer for Physics.
* Invigilation of examinations.

**Technologist - Wesley University Ondo (2015 to May 2017)**

* Instruction of practical Physics and Electronics to Students.
* Laboratory maintenance and repair of equipment in the Department of Physical Sciences.
* Contributed to the successful accreditation of the NUC accreditation of the Physics/Electronics programme.
* Assisting final-year students in the construction of Physics/Electronics projects.
* Invigilation of examinations.

**3. Previous Work Experience outside the University System with Dates**

**Maintenance Officer - Yale Foods Limited Ibadan (2011 – 2015)**

* Repairing, maintenance and installation of packaging machines
* Repairing and maintenance of Mixer, Conveyor and Oven.
* Installation, repair and maintenance of factory lights and fittings
* Responsible for monitoring and recording factory voltage to ensure uninterrupted production of goods.

**Science Tutor - Sceptre Comprehensive College, Ojota Lagos (2008-2010).**

* Teaching of Physics and Chemistry
* Preparing Students for WAEC and NECO examinations

**September 2006 – August 2007**

**NYSC/Technologist -Abdu Gusau Polytechnic Talata-Mafara, Zamfara State.**

* Instructing of Physics and Hardware Maintenance
* Training and mentoring of the Polytechnic community on Reproductive Health and HIV/AIDS Prevention. (UNICEF project)

**Site Supervisor - Klemod Nigeria Ltd, Lagos (January 2006- August 2006)**

* Site supervision, daily record keeping and reporting of the site activities to the Managing Director in the renovation of the National Institute of Oceanography and Marine Research, NIOMR
* Coordination and supervision of skilled labour on-site during the construction of the shrimp building.

**2002**

**Industrial attachment Student- Federal Institute of Industrial Research Oshodi Lagos.**

Assisting the Scientists in the performance of experiments and the maintenance of laboratories.

**D. Membership of Professional Body**

Institute of Electrical and Electronics Engineers (IEEE) 2023

Member (registration number: 99171715)

**E. Harmattan School/Training**

* Understanding and Implementing the UNESCO Guidance for Generative AI in Education and Research. Regional Training and Research Institute for Distance and Open Learning (RETRIDOL). October, 2024.
* Laboratory Quality Management. University of Turku, Finland. Sept. 25-28, 2023.
* Applications of Physics in Medicine. Medical Physics Harmattan School. Feb 7-8, 2023.

**F. Technical reports**

1. Wrote a concept note on air quality monitoring research to DVC (Academics) 2024.
2. Wrote a proposal on **digitalisation of research infrastructure** at UNIMED to the university management dated October 6, 2023
3. Wrote a proposal on **modern methods of practical instruction** and submitted it to management through NAAT-UNIMED Ondo. April 8, 2022.
4. Wrote a proposal for **a laboratory equipment maintenance unit** and submitted it to management through NAAT-UNIMED Ondo. April 8, 2022.
5. Notification letter to the VC on my collaboration with the Institute of Human Virology Nigeria in Abuja (IHVN) to assist in the training of UNIMED staff. April 25, 2022.

**G. Self-Sponsored Research Equipment Attraction**

Acquisition of two community air research equipment with its two solar charging systems from USA to UNIMED.

**H. Undergraduate Courses Instructed at UNIMED**

**Dept. of Physics with Electronics**: PHY113 General Physics Practical I, PHY122 General Physics Practical II, PHY 213 Experimental Physics Practical I, PHY223 Experimental Physics Practical II, PHY 313 Electronics Practical I, PHY323 Electronics Practical II, and PHY 411 Electrical Measurement.

**Dept. of Science Laboratory Technology**: GLT 221 Instrument Maintenance, and GLT 222 Workshop Technology.

**Dept. of Prosthetics and Orthotics**: POT 226 Instrumentation and Measurement, and

**Dept. of Audiology**: AUD 211 Rehabilitation Physics/Biophysics.

1. **Publications**

**Peer-Reviewed Journals**

1. **Akintomide O**., and Adedayo K. D. (2024). Development of an IoT-Based GSM Signal Strength and Meteorological Parameters Monitoring Device. *Iconic Research and Engineering Journals*. Volume 7 Issue 11. ISSN: 2456-8880. <https://www.irejournals.com/paper-details/1705828>
2. Nwankwo V.U.J., Akinnubi R.T., Ajakaiye M.P., Obisaesan O.E., Akinsola T.O., Ahmed T.S., Ebong N.U., Oyanameh O.E., Fatoye O.V., Ajamu J., Adams A., Orokhe J.E., Olatunji M, and **Akintomide O**. (2023). Trends of Diurnal Variations of Meteorological Variables Received at Anchor University Space-Lab Weather Station. *Anchor University Journal of Science and Technology.* Vol. 3 No 1, pp 81-92. ISSN: 2736-0067. <https://www.ajol.info/index.php/aujst/article/view/265347>
3. Olowookere C. J., Otiko M. M., **Akintomide J.,** Aladeniyi K., and Okunlola O. O. (2022). Assessment of Daily and Annual Ultraviolet Radiation Doses Received by Outdoor Workers in Southwestern Nigeria. *Journal of Applied Science Environmental Management*. Volume 26(6), pp 983-989*.*  <https://www.ajol.info/index.php/jasem/article/view/227247>

**Conference Proceeding**

Impact of Ultraviolent Radiation Index on Mobile Communication Signals (2025). University of Medical Sciences. 2nd Faculty of Science Conference Proceedings.

**Master’s Degree Thesis**

**Development of Signal Aggregator for Mobile Networks in Nigeria and the Effects of Atmospheric Parameters on the Signals.**

**Completed Manuscripts**

1. Installation of Air Quality and Meteorological Parameters Monitoring System in Ondo, Nigeria (acknowledged by Springer Editorial Office/European Physical Journal Plus on January 24, 2025).
2. Air Quality Monitoring towards Reducing the Burden of Non-Communicable Diseases in Nigeria (submitted to IQAir in September 2024).
3. Temperature Difference between Neighboring Days in Southern Nigeria.
4. Noise Level Measurement at the UNIMED (Odosida Campus) Ondo.

**On-going Research**

1. Dynamics of Radionuclides Migration in the Soil of Cropland and Transfer through the Terrestrial Food Chain in Nigeria (Sponsored by TetFund).
2. Development of Hearing Aids and Devices. (Facilitated by Centre for Entrepreneurial Development and Innovation, UNIMED).
3. Shielding Effects of Glasses, and the Effect on Sunlight on Outdoor Workers in Ondo.
4. The Effects of Meteorological Parameters on Television Signals in South-Eastern Nigeria.

**Presentation in Conferences/Book of Abstracts.**

1. 1st Faculty of Clinical Sciences Conference 2024, UNIMED.

**Research paper**: Monitoring of air quality in Ondo towards reducing the burden of non-communicable diseases and mortality. Authors: **Akintomide O**., Olowookere C. J., Adebayo A. [2nd-5th October 2024]

Accepted paper for oral presentation. Code: Day 1 Number 3. FCSC24ABS05: Oral.

1. 2nd Faculty of Sciences Conference 2024, UNIMED.

**Research paper**: Impact of solar ultraviolet radiation index on mobile communication signals. Authors: **Akintomide O.,** Adedayo K. D., Olowookere C. J., and Oloja S.V. [23rd -26th September 2024. Accepted paper for oral presentation. Code: FOS251

1. 1st Faculty of Science Conference 2023, UNIMED

**Research paper**. Assessment of noise levels at the University of Medical Sciences (Odosida Campus), Ondo City, Nigeria. Authors: **Akintomide O.,** and Olowookere C. J.

1. 1st Faculty of Science Conference 2023, UNIMED

**Research paper**. Effects of different outdoor environments and sunglasses on light exposure levels monitored at the University of Medical Sciences, Ondo City. Authors: Olowookere C. J., **Akintomide O**., Adebayo O. E., Oke O. S., Soladoye O. J., and Solomon S. A.

**J. Short Communication on Public and Environmental Health (2025)**

<https://betareports.com/unimed-reveals-the-quality-of-air-in-ondo/>

<https://guardian.ng/features/education/unimed-urges-ondo-residents-to-mask-up-over-unhealthy-air/>

<https://www.optimaltimesnews.com/2025/01/07/unimed-research-reveals-quality-of-air-in-ondo/>

<https://thesun.ng/unimed-reveals-quality-of-air-in-ondo/>

**K. International Research Collaboration with IQAIR, USA.**

Monitoring of Ondo air quality and meteorological parameters at the ground level.

<https://www.iqair.com/nigeria/ondo/university-of-medical-sciences-ondo?srsltid=AfmBOopSi1vTuJz3KfAyzKzM_Gxb1umHIffqOEsY5VdXaBBceHPPtlmQ>

**L. Local Research Collaboration with Space-Lab, Anchor University Lagos, Nigeria**

Research ideas exchange, and publication of research work.

**M. Webpages**

<https://orcid.org/my-orcid?orcid=0009-0007-3803-2058>

<https://scholar.google.com/citations?user=Fxd-YJYAAAAJ&hl=en>

**N**. **Selected** **Conferences, Seminars, Webinars and Workshops Attended with Dates**

1. Clear Skies Ahead: Unveiling the Climate and Clean Air Coalition’s Air Quality Management Exchange Platform (AQMx). United Nations. September 5, 2024.
2. A Demonstration of Enhanced Medical Imaging Analysis. Medical Imaging Data Research Centre. 29/04/2024
3. Advanced Privacy Preserving Federated Learning Framework. Medical Imaging Data Research Centre. 16/03/2024
4. Unsafe Abortion as a Public Health Problem. WACP. 21/12/2023
5. Global Methane Forum 2024. Global Methane Initiative. 22/03/2024
6. Research and Entrepreneurship: Keys to Driving the GDP and Economy of Developing Nations. FUTA. October 5, 2023
7. Science of the Mind, Healing and Innovation. UNIMED. June 6, 2023
8. Innovation for an Equitable Inclusive World of Sound. UNIMED. May 30, 2023

**O. Services within the University, and Nigeria**

* A member of career structure for the UNIMED senior staff
* A member of the Faculty of Science Parley Committee
* A member of the Faculty of Science Welfare Committee
* Assisting in running the Nuclear and Radiation Lab and sample analysis, UNIMED.
* Research team member on hearing aids, UNIMED.
* A member of an advisory committee for UNIMED Cooperative Multipurpose Society.
* A member of the equipment sourcing team for the University.
* NEC member of the National Association of Academic Technologists (NAAT).
* Team leader/Chairman of the NAAT-UNIMED technical committee on laboratory equipment maintenance.