

# OYUN OPEYEMI SIMEON

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**Date of Birth:** 1 September, 1985.  
**Department:** Physics  
**Faculty:** Science  
**Rank:** Assistant Lecturer

## EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES

❖ University of Ilorin, Ilorin	2024
❖ International Centre for Theoretical Physics, Morocco	2020
❖ University of Ilorin, Ilorin	2017
❖ University of Ilorin, Ilorin	2010
❖ Sal Computer Institute, Offa	2005
❖ Government Secondary School, Offa	2003

## ACADEMIC QUALIFICATION WITH DATES

Doctorate Degree in Theoretical Physics (Ph.D. Physics)	2024
Quantum Information Theory and Thermodynamics at Nanoscale	2020
Master Degree in Theoretical Physics (M.Sc. Physics)	2017
NYSC Discharge Certificate	2011
B.Sc. (Edu) in Physics (Second Class Upper Division)	2010
Certificate in Computer operation	2005
National Examination Councils	2003

## PROFESSIONAL BODIES/QUALIFICATION

Teachers Registration Council of Nigeria	2022
American Physical Society (Member)	2015
Nigeria Institute of Management (member) chartered	2011

## CONFERENCE ATTENDED WITH DATE

International Centre for Theoretical Physics, Al-Hoceima, Morocco	2020
SAGE DAYS 102, University of Ibadan, Nigeria	2019
Nigeria Association of Mathematical Physics	2016
Nigeria Mathematical Centre, Abuja (ISOTPAND2015)	2015
Graduate Internship Scheme (Federal Ministry of Finance)	2015

## LIST OF PUBLICATIONS WITH DETAILS OF TITLE, PUBLICATIONS WITH DATES AND PAGES

### A. HOME BASED

1. Isonguyo, C.N, Oyewumi, K.J and Oyun, O.S. Heisenberg and entropic uncertainty measures for the shifted static screened Coulomb potential. Transactions of Nigerian Association of Mathematical Physics Volume 13, (October – December, 2020 Issue), 1 – 8.
2. Isonguyo, C.N, Oyewumi, K.J, Oyun, O.S and Okon, I.B. Entropic uncertainty relations and the Fisher Information for generalized radial Yukawa potential. World Journal of Applied Science and Technology, Volume 14, No. (2022), 44 – 50.

## **B. INTERNATIONAL**

3. Isonguyo, C.N, Oyewumi, K.J and Oyun, O.S. Quantum information-theoretic measures for the static screened coulomb potential. International Journal of Quantum Chemistry 118(15): e25620. (2018). DOI: 10.1002/qua.25620.
4. Ajulo, K.R., Oyewumi, K.J., Oyun, O.S. et al. U(5) and O(6) shape phase transitions via E(5) inverse square potential solutions. Eur. Phys. J. Plus 136, 500 (2021).  
<https://doi.org/10.1140/epjp/s13360-021-01451-7>
5. Ajulo, K.R., Oyewumi, K.J., Oyun, O.S. et al. X(5) Critical symmetry with inverse square potential via a variation procedure. Eur. Phys. J. Plus 137, 90 (2022).  
<https://doi.org/10.1140/epjp/s13360-021-02276-0>

## **AWARDS**

University of Ilorin, undergraduate scholarship Award	2007-2008
Offa Zenith Club, Offa Scholarship Award	2002-2003

## **WORKING EXPERIENCE WITH DATE**

1. University of Ibadan, Nigeria	2024-Till date
2. Al-kimah University Ilorin (Part time)	2016-2024
3. Kwara State Teaching Service Commission	2021-2024
4. Federal Polytechnic Offa International School, Offa	2018-2021
5. National Teacher Institute (Degree)	2017-2024
6. Balogun Model Secondary School, Taiwo, Ilorin (Part time teacher)	2016-2017
7. Balogun Model Secondary School, Taiwo, Ilorin GIS (Sure-p) on attachment	2014- 2015
8. Assistant Examiners for WAEC and NECO Position: marking theory in WAEC and Practical in NECO	2012-2023
9. Sakti Construction Limited Position: Site Engineer (supervised stanbic IBTC in construction and renovation of Bank, ojatuntun, Ilorin)	2012
10. St Patrick catholic school, Nومه, Enugu (National Youth Service Corps)	2010-2011
11. Global Soap and Detergent Industry, Asa Dam, Ilorin (SIWES)	2008

## **PRESENT EMPLOYMENT WITH DATES**

1. University of Ibadan, Nigeria Position: Research and Teaching (full time)	2024
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## **POST QUALIFICATION WORK/TEACHING**

Teaching and Research  
Member, Research Group  
Member, Accreditation committee

## **COURSES TAUGHT**

Quantum mechanics 1 (PHY 401), Atomic and Molecular spectroscopy (PHY 410), Elementary mechanics (PHY 111), Heat and properties of matter (PHY 113), General physics practical (PHY 191), Electricity, Magnetism and modern physics (PHY 132), Vectors and geometry (MTH 142), Mathematical methods 1V (MTH 382).

## **SKILLS**

Computer literate familiar with number of packages and familiar with programming language like Latex, Maple, Equation Editor, and Mathematica etc.

**HOBBIES**

Tennis, Reading and Singing

**REFEREE****PROFESSOR OYEWUMI, Kayode John**

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Faculty of Physical Sciences,  
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**PROFESSOR ALABI, Aderemi Babatunde**

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