

# OJO OPEYEMI OWOLABI

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## INSTITUTIONS ATTENDED WITH DATE

**Olabisi Onabanjo University, Ago-Iwoye, Ogun State, Nigeria** 2023

MSc Physical Chemistry (Grade: **CGPA: 4.66**)

- *Dissertation: Evaluation of the adsorption capacity of modified banana flowers for the removal of methylene blue and cresol red dyes from aqueous solution*

**Fountain University, Osogbo, Osun State, Nigeria** 2016 - 2018

BSc Industrial and Environmental Chemistry (Grade: **CGPA: 4.32**, Second best student of 12)

- *Dissertation: Effect of solvent polarity on the spectra and physico-chemical properties of commonly used anti-malaria drugs.*

**Usman Dan Fodio University, Sokoto State, Nigeria** 2013

Post Graduate Diploma in Education (Grade: **Upper Credit**)

- *Dissertation: Factors that Affect the Choice of Career Among Students in Selected Secondary Schools in Obafemi Owode Local Government of Ogun State, Nigeria.*

**Federal Polytechnic Ilaro, Ogun State, Nigeria** 2009

Higher National Diploma in Science Laboratory Technology (Applied Chemistry option – (**CGPA -3.65 of 4 points**))

- *Dissertation: Isolation and Characterisation of Terpenes from Unripe Fruits of Ackee Apple (Blighia Sapida)*

**Federal Polytechnic Ilaro, Ogun State, Nigeria** 2006

National Diploma in Science Laboratory Technology (Grade: **Distinction**)

- *Dissertation: Effect of pH on heavy metal concentration in soils from selected dump sites.*

## WORK EXPERIENCE

**Mountain Top University, Ogun state, Nigeria** 2016 - till date

**Position – Senior Research Assistant/ Laboratory Technologist**

- Serve as Research Assistant to 5 tenured professors and 10 Doctors in carrying out research in materials science, physical chemistry, industrial and environmental research analysis.
- Assist over 20 students with practical aspects of their final year research projects
- Monitoring 90% of the activities in the University's Central Laboratory
- Installation, calibration, troubleshooting and maintenance of laboratory equipment including AAS, HPLC, NMR, GC-MS, UV-Visible Spectrophotometer, Flame Photometer
- Responsible for operating 50% of the research instruments
- Responsible for the establishment and strict compliance with safety procedure and measures in four (4) laboratories in Chemistry and Biochemistry Departments
- Coordinate practical classes for over 30 students on the BSc Chemistry and Biochemistry program
- Supervise the preparation of specimens and samples for practical classes with over 50 students
- Conduct practical demonstrations of the experiments to the students
- Assist with the development of the manuals and instructional materials for practical sessions in Introduction to Practical Chemistry for year one student, Organic, Physical and Analytical Chemistry Practical for the Chemistry department.

**McPherson University, Ogun state, Nigeria** 2015 - 2016

**Position - Laboratory Technologist**

- Installed, calibrated, troubleshoot and maintained laboratory equipment including Flame Photometer, UV-Visible Spectrophotometer, Flame Photometer
- Responsible for operating research instruments

- Maintained strict compliance with safety procedure and measures in the laboratory
- Coordinated practical classes for students on the BSc Chemistry and Biochemistry program
- Supervised the preparation of specimens and samples for practical classes
- Conducted practical demonstrations of the experiments for students
- Assisted with the development of instructional materials for practical sessions

**Boulous Enterprises Limited, Lagos**

2014

**Position - Quality Assurance officer**

- Performed quality check of hard roll and soft roll tissues before packaging in two (2) different plants
- Conducted tests on tissue strength and tensile more than 10 samples a day
- Coordinated the storage of quality check tissues
- Performed tissue wetness test
- Coordinated production of tissue paper

**Future Leaders High School, Ogun State, Nigeria**

2011- 2014

**Position - Chemistry Teacher**

- Coordinated practical classes for students above twenty (20)
- Inspected and accessed student's practical classes
- Took stock and updated laboratory reagents and apparatus
- Taught and graded students

**PUBLICATIONS, BOOKS OR COMMUNICATIONS IN SCIENTIFIC CONFERENCES**

**CONFERENCES**

- Cathodic corrosion inhibition of Steel by Musa paradisiaca leave extract. **O.O. Ojo**. E. A. Ofudje., F. E. Sodiya and O. A. Abinmbola. Mountain Top University Journal of Applied Science and Technology (MUJAST). Vol. 1, VIR 003, pp 24 [2021]
- Comparative studies of the Quantitative Structure Activity Relationship (QSAR) parameters of some anti-malaria drugs. M. D. Adeoye & **O.O. Ojo**. The Federal University of Technology, Akure Nigeria, School of Science 6<sup>TH</sup> Annual Conference (S.O.S 2018)

**JOURNALS**

- Crassocephalum rubens extract and fractions: Hypolipidemic and cardioprotective activities. O. O. Ayodele, **O.O. Ojo**, et al. GSC Biological and Pharmaceutical Sciences, **2022**, 20(01), 253–261. <https://doi.org/10.30574/gscbps.2022.20.1.0252>
- Fascinating physical-chemical properties and fiber morphology of selected waste plant leaves as potential pulp and paper making agents. M. D. Adeoye, **O.O. Ojo**, et al (2020). Biomass Conv. Bioref. (2020). <https://doi.org/10.1007/s13399-020-00968-8>- Springer Journal.
- Comparative studies of the Quantitative Structure Activity Relationship (QSAR) parameters of some anti-malaria drugs. M. D. Adeoye & **O.O. Ojo**. J. Chem Soc. Nigeria, Vol. 43, No. 4, pp 792 -801 [2018]

**EQUIPMENT HANDLED**

- Atomic Absorption Spectrophotometer, Nuclear Magnetic Resonance, Infra-Red Spectrometer, Refractometer, UV-Visible Spectrophotometer, Flame Photometer

**SKILLS**

**Microsoft Office:** Excel, Word, Project, PowerPoint, Access and Outlook, SPSS

**Other Skills:** Good communication skills, interpersonal skills and team player.

**VOLUTARY SERVICE**

- Assistant Polling Officer 2019  
Independent National Electoral Commission of Nigeria (INEC)
- Emperor: The Supreme Club, Federal Polytechnics, Ilaro 2008 – 2009
- President: Millennium Development Goals Club (NYSC) 2009 - 2010

## **REFEREES**

### **Prof. N.A .A BABARINDE**

Faculty of Science,

Department of Chemistry,

Olabisi Onabanjo University,

Ago-Iwoye, Ogun State, Nigeria.

adesola.babarinde@oouagoiwoye.edu.ng. (+234) 8037232934

Relationship: MSc supervisor

### **Prof. ADEOYE DASOLA**

*Dean, College of Science,*

*Fountain University,*

*Osogbo, Osun State, Nigeria.*

[dasolaadeoye@yahoo.com](mailto:dasolaadeoye@yahoo.com), 08028944246

Relationship: BSc supervisor

### **Dr. OFUDJE ANDREW**

*Ag. Dean*

*College of Basic and Applied Science,*

*Mountain Top University,*

*Ibafo Ogun State,*

*Nigeria.*

[ofudje@gmail.com](mailto:ofudje@gmail.com), 08060981250