

**FEDERAL UNIVERSITY OF AGRICULTURE, ABEOKUTA
POSTGRADUATE SCHOOL**

HIGHER DEGREE GRADUANDS – 2023/2024 ACADEMIC SESSION

A. DOCTOR OF PHILOSOPHY (Ph.D.)

COLLEGE OF PHYSICAL SCIENCES (COLPHYS)

Department of Chemistry

Ph.D. Organic Chemistry

TOLU-BOLAJI Olayinka Olumide

Thesis: Synthesis, Characterization and Biological Activities of Benzylidene-Based Pyroazole and Benzylidene hydrazinyl-Based Benzodiazepine Derivatives

Supervisor: Prof. O.S Sojину

ADENIJI Taiwo Husani

Thesis: Occurrence and Spatial Distribution of Organic Biomarkers in Selected Ecosystems and their Biogeochemical Significance

Supervisor: Prof. O.S Sojину

OKEDERE Adebola Priscilla

Thesis: Synthesis, Characterization, Antimicrobial and Anti-Tubercular activities of Hydrazone Hydrazone Based Chromen-2-One Derivatives

Supervisor: Prof. O.S Sojину

Ph.D. Industrial Chemistry

AWOSANYA Abayomi

Thesis: Evaluation Of Hura Crepitans Linn Seed Oil Metal Soap And Manganese 1,10-Phenanthroline Ligand Complex As Driers And Accelerator In Alkyd Resin Paints.

Supervisor: Prof. C. O. Eromsele

Ph.D. Inorganic Chemistry

ARIFALO Kikelomo Mabinuola

Thesis: Characterisation of Organic Markers Heavy Metals and their Health Risk Assessment in Selected Industries in South-Western States of Nigeria

Supervisor: Prof. T.A. Afolabi

ODULAJA Olufemi Stephen

Thesis: Synthesis Characterisation BSA/ DNA Antibacterial Activities of Cu (I) and Ag (I) Complexes Bearing (N ^ N) Bidentate Schiff Base Having Triphenylphosphine Ancillary Ligand.

Supervisor: Prof. S. A. Amolegbe

Ph.D. Physical Chemistry**AKANDE** James Asamu

Thesis: Removal Of Selected Dyes And Drugs From Wastewater By Adsorption using Polyethylene

Supervisor: Prof. A. I. Adeogun**Ph.D. Parasitology****ADEGBEHINGBE** KehindeThesis: Evaluation of Roebon as Molluscicides for the Control and Elimination of Freshwater Intermediate Hosts in *Schistosomiasis* Endemic Communities Ogun State Nigeria**Supervisor:** Prof. Sammy O. Sam-Wobo**Department of Physics****Ph.D. Physics (Condensed Matter Physics)****OGUNDARE** Adewale IbrahimThesis: First Principle Investigation of Structural Electronic Structure, Thermoelectric and Elastic Properties of $Y_y Fe_x Co_{4-x-y} Sb_{12}$ Skutterudite Compounds**Supervisor:** Prof. J. O. Akinlami**Ph.D. Physics (Radiation and Health Physics)****AWE** Olufisayo Olalekan

Thesis: Evaluation of Indoor Radon Activity Concentrations in Different Geological Zones in Lagos and Ogun States, Nigeria.

Supervisor: Prof. I. C. Okeyode**ATANLEY** Pauline Ayoola

Thesis: Radiological and Chemical Exposures To Radon and Heavy Metals in Water Samples From Selected Boreholes and Wells In Sagamu, Southwest, Nigeria.

Supervisor: Prof. A. O. Mustapha**ABE** Adebayo Gabriel

Thesis: Evaluation Of Radiation Doses From Selected Computed TOMOGRAPHY Facilities In Southwest Nigeria.

Supervisor: Prof. A. O. Mustapha**DOSUNMU** Oluwaseun Gabriel

Thesis: Investigation of Siesmic Latency Using Radon Concentration Anomalies Across Fault Zone in Iwaraja, Osun State, Nigeria.

Supervisor: Prof. A. O. Mustapha

Ph.D. Physics (Geophysics)

MATTHEW Solomon

Thesis: Assessment of Used–Oil Spills on Soil and Aquifer Vulnerability Using Geophysical and Geochemical Methods in Parts of South-western Nigeria.

Supervisor: Prof. B. S. Badmus

ADEKANLE Olorunyomi John

Thesis: Investigation of Gold Mineralization using Integrated Geophysical and Geochemical Methods at Itagunmodi Area of Ilesha, Osun State, Southwest, Nigeria.

Supervisor: Prof. B. S. Badmus

ADEWUMI Olufemi Olaoluwa

Thesis: Structural and Depth Characterisation of Iron –Ore Deposit at Gbede, Oyo State, Nigeria Using Integrated Techniques on Gravity Data.

Supervisor: Prof. Makinde Victor

Ph.D. Physics (Environmental Physics)

OLADEJO Tokunbo Abel Olaosebikan

Thesis: Effects of Addictives on Stability and Efficiency of Dye-Sensitised Solar Cell (DSSC)

Supervisor: Dr. Akinboro Festus

Ph.D. Physics (Solid Earth Geophysics)

EDUNJOBI Hazeez Owolabi

Thesis: Estimation Of The Basement Topography Of Abeokuta Metropolis Using Integrated Geophysical Methods And Multi Criteria Decision Analysis For Ground Water Exploration

Supervisor: Dr. G. O. Layade

B. MASTERS

COLLEGE OF PHYSICAL SCIENCES (COLPHYS)

Department of Chemistry

M.Sc. Chemistry (Analytical Chemistry)

AYUBA Waliyat Omobolanle

Dissertation: Assessment of Selected Antibiotics in Effluent Samples from a Private Medical facility in Abeokuta

ABU Lucky

Dissertation: Determination of Physicochemical Parameters and Dissolved Ions in Different Cooling Systems in Five Selected Power Plants in South Western Nigeria

ABU Oghenero Benedicta

Dissertation: Determination of Physicochemistry Parameters and Heavy Metal Levels in Effluent Soil and Plant Samples From Power Generation Plants in South –Western Nigeria

OYADELE Tunde Kayode

Dissertation: Occurrence Of Antibiotics (Amoxicillin, Ciprofloxacin, Erythromycin And Cephadroxil) In Hospital Effluent.

M.Sc. Chemistry (Industrial Chemistry)

OMOJOLA Boluwatife Olayinka

Dissertation: Development and Characterization of Protein-Based Bioplastic for Biodegradable Food Packaging Materials

ABOREDE Taofeek Oyeniya

Dissertation: Characterization AND Potential Utilization of Nigeria Grown *Adansonia digitata* (Baobab) Fruit Components

Department of Physics

M.Sc. Physics (Condensed Matter Physics)

OTUNUGA Oluwatosin Emmanuel

Dissertation: Transport Properties of Semi conducting X_0Sb ($X=V, Ta, Nb$) Using Density Functional Theory Approach

AKINTOLA Kehinde Theophilus

Dissertation: Assessing the Structural, Electronic, Thermoelectric and Phonon Properties of Half Heusler TaX ($X=Si, Ge, Pb$) – First Principles Approach

M.Sc. Physics (Radiation and Health Physics)

OLADELE Oluseun Solomon

Dissertation: Structural Analysis of High Resolution Airborne Radiometric Data of Ibadan and its Environs

ORISADARE Oluseyi Adewale

Dissertation: Phytoremediation Potentials of Amaranth for Removal of Radionuclides and Heavy Metals Concentrations in Soils From Gold Mine Sites in Osun State, Southwest Nigeria.

AMUOFU Joy Aregheoghene

Dissertation: Determination Of Naturally Occurring Radionuclides And Concentrations Of Elements In Selected Species Used In Parts Of Delta And Ogun States

BAMIGBOYE Lekan Felix

Dissertation: Assessment Of Committed Effective Dose And Hazard Indices Due to Radionuclides And Elements In Selected Baby Foods In Ibadan, Nigeria

M.Sc. Physics (Geophysics)

ISHOLA Taiye Ayuba

Dissertation: Investigation of Impacts of Different Land Use Patterns on Soil Thermal Properties from Two Geological Formations in Ogun State, Southwest, Nigeria

BAMIDELE Emmanuel Oluwatoyin

Dissertation: Depth Estimation Of Anomalies Of Ewekoro, Ogun State, Nigeria Using Magnetic And Gravity Data

Department of Mathematics

M.Sc. Mathematics

OLANREWAJU Funmilayo Josephine

Dissertation: Stability and Boundedness of Solutions of some Aizemann Differential Equations

AKINSANYA Adebayo Ajasa

Dissertation: Construction of Multigroups over Certain Groups of Finite Order

ADEYEMI Comfort Ayomide

Dissertation: Impacts of Thermal Radiation and Heat Generation /Absorption on Heat Transfer in a Viscous Micropolar Fluid Flow Over a Stretching Sheet with Suction /Injection

OGUNDIMU Babatunde Solomon

Dissertation: Refinement of Hardy-Type Inequalities on Time Scales

Department of Computer Science

M.Sc. Computer Science

ADENUSI Cecilia Ajowho

Dissertation: A Hybrid Model for Forecasting the Effect of Covid-19 Pandemic on Crude Oil Prices.

BOLARINWA Jesufunbi Damilola

Dissertation: Predicting the Reoccurrence of COVID-19 Pandemic in Africa Using Deep Learning Model

Department of Statistics

M.Sc. Statistics

OSHONIYI Adetayo Mosinmiloluwa

Dissertation: The Exponentiated Lomax -Exponential Distribution.

