**UNIVERSITY OF MEDICAL SCIENCES**

LAJE ROAD, ONDO CITY, ONDO STATE

**FACULTY OF SCIENCE**

**DEPARTMENT OF SCIENCE LABORATORY TECHNOLOGY**



**CURRICULUM VITAE**

1. **Personal Data:**
2. Full Name (Surname first): **Oladebeye Abraham Olasupo [Ph.D]**
3. Date of Birth: 24th November, 1974
4. Details of Contact Addreess: Department of Chemistry, University of

Medical Sciences, P.M.B. 536, Laje Road, Ondo, Nigeria

* 1. E-mail Address(es): [aooladebeye@unimed.edu.ng](mailto:aooladebeye@unimed.edu.ng);

[folabeye@yahoo.com](mailto:folabeye@yahoo.com)

* 1. Mobile Phone Number(s): 08033620279; 07085755437

1. Nationality: Nigeria
2. State of Origin: Osun
3. Local Government Area: Obokun
4. Permanent Home Address: Shalom Villa, Off Attanzil College, Off Old

Agenebode Road, Ibienafe, South-Ibie, Edo State

1. Marital Status: Married
2. Number of Children and their Ages: Three (3): 19; 17; 15
3. Next of Kin: Dr. Aderonke Adenike Oladebeye
4. Details of Contact Address of Next of Kin: Department of Food Technology, Auchi

Polytechnic, Auchi, Edo State

* 1. E-mail Address(es): [oladebeyeaa@auchipoly.edu.ng](mailto:oladebeyeaa@auchipoly.edu.ng);

[oladebeye@gmail.com](mailto:oladebeye@gmail.com)

* 1. Mobile Phone Number(s): 08033620103
  2. Permanent Home Address: Shalom Villa, Off Attanzil College, Off Old

Agenebode Road, Ibienafe, South-Ibie, Edo State

1. Date of Assumption of Duty: 31st March, 2017
2. Rank/status on First Appointment: Lecturer I
3. Present Status: Reader
4. Date of Last Promotion: 1st October, 2023
5. Present Salary, Grade Level and Step: CONUASS 6/2
6. Date of Confirmation of Appointment: 23rd November, 2007 (Previous employer);

31st March, 2020 (University of Medical Sciences, Ondo)

1. Faculty: Science
2. Department: Science Laboratory Technology
3. **Educational Background:**
4. Higher Educational Institutions Attended with Dates:
5. Achievers University, Owo, Ondo, Nigeria (2015-2017)
6. The Federal University of Technology, Akure, Nigeria (2010-2014)
7. The Federal University of Technology, Akure, Nigeria (2004-2008)
8. The Federal University of Technology, Akure, Nigeria (2001-2003)
9. The Federal Polytechnic, Ado-Ekiti, Nigeria (1997-2000)
10. The Federal Polytechnic, Ado-Ekiti, Nigeria (1994-1996)
11. Academic/Professional Qualifications and Distinctions Obtained with Dates:
12. Bachelor of Science (**B.Sc**) **in Industrial Chemistry**

(***First Class Honours* CGPA: 4.94 of 5.00**) (September, 2017)

1. Doctor of Philosophy **(Ph.D)** in **Analytical Chemistry** (September, 2014)
2. Masters of Technology **(M.Tech) in Analytical Chemistry**

**(*Distinction*,CGPA: 4.85 of 5.00**) (May, 2008)

1. Postgraduate Diploma **(PGD)** in **Industrial Chemistry**

(***Distinction*,CGPA: 4.54 of 5.00**) (June, 2004)

1. Higher National Diploma **(HND)** in **Applied Chemistry**

**(*Distinction*, CGPA: 3.83 of 4.00)** (March, 2000)

1. National Diploma **(ND)** in **Science Technology**

(***Distinction*,CGPA: 3.64 of 4.00**) (October, 1996)

1. Other Distinctions and Awards with Dates:
2. Scholarship:
3. *Chancellor’s Award:* Best Graduating Student in B.Sc Programmes,

Achievers University, Owo (2018)

1. *College Award:* Best Graduating Student in B.Sc Programmes,

College of Natural and Applied Sciences, Achievers University, Owo (2018)

1. *Departmental Award:* Best Graduating Student in B.Sc Programmes,

Department of Chemical Sciences, Achievers University, Owo (2018)

1. *Rector’s Award:* Overall Best Student in HND Exams,

The Federal Polytechnic, Ado-Ekiti (2000)

1. *School Award:* Overall Best Student in HND Exams,

School of Science and Computer Technology,

The Federal Polytechnic, Ado-Ekiti (2000)

1. *Departmental Award:* Overall Best Student in HND Exams,

Science Technology Department, The Federal Polytechnic,

Ado-Ekiti (2000)

1. *Departmental Award:* Overall Best Student in ND Exams,

Science Technology Department, The Federal Polytechnic, Ado-Ekiti (1996)

1. Fellowship:

Universiti Sains Malaysia (USM), Penang, Malaysia (*Non-Exchange*

*Programme*) (2011)

1. Research Grants:
2. TETFund-NRF Intervention Grand

(TETF/ES/DR&D-CE/NRF2023/SETI/WAS/00033/ VOL.I) (2023)

1. IBR-TETFund, University of Medical Sciences, Ondo, Nigeria**.** (2019)
2. National Awards
3. *Institutional Award:* Second Position in Institutional Award Competition,

Polymer Institute of Nigeria (PIN) in conjunction with RMRDC (2015)

1. International awards: **Nil**
2. **Work Experience with Dates:**
3. Previous Work Experience Outside the University System with Dates:
4. Principal Instructor I, Department of Science Laboratory Technology,

Auchi Polytechnic, Auchi, Nigeria (2015-2017)

**Courses Taught:**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Title** | **Course Unit** |
| STC 404 | Thermodynamics, Electrochemistry and Photochemistry | 3 |
| STC 406 | Natural Products Chemistry and Stereochemistry | 2 |
| STC 311 | Inorganic Chemistry | 2 |
| GLT 111 | General Laboratory Techniques I | 2 |
| GLT 311 | General Laboratory Techniques | 3 |

1. Principal Instructor II, Department of Polymer Technology,

Auchi Polytechnic, Auchi, Nigeria (2012-2014)

**Courses Taught:**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Title** | **Course Unit** |
| BCH 121 | Organic and Inorganic Chemistry | 2 |
| PLT 311 | Physical Chemistry | 3 |
| PLT 323 | Polymer Analysis, Characterization and Quality Control | 3 |
| PLT 224 | Polymer Analysis and Quality Control | 2 |

1. Senior Instructor, Department of Polymer Technology,

Auchi Polytechnic, Auchi, Nigeria (2009-2011)

**Courses Taught:**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Title** | **Course Unit** |
| BCH 121 | Organic and Inorganic Chemistry | 2 |
| PLT 311 | Physical Chemistry | 3 |
| PLT 323 | Polymer Analysis, Characterization and Quality Control | 3 |
| PLT 224 | Polymer Analysis and Quality Control | 2 |

1. Higher Instructor, Department of Polymer Technology,

Auchi Polytechnic, Auchi, Nigeria (2005-2008)

**Courses Taught:**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Title** | **Course Unit** |
| BCH 121 | Organic and Inorganic Chemistry | 2 |
| PLT 311 | Physical Chemistry | 3 |
| PLT 323 | Polymer Analysis, Characterization and Quality Control | 3 |
| PLT 224 | Polymer Analysis and Quality Control | 2 |

1. Becky Parker College, Akure, Nigeria (2003-2005)

Tutor of Chemistry, Mathematics and Integrated Science/Class Teacher

1. Ibereko High School, Badagry, Lagos State:

National Youth Service Corps (NYSC) (2000-2001)

Tutor of Chemistry, Mathematics and Integrated Science/Class Teacher

1. Work Experience in University of Medical Sciences:
2. Designation: Lecturer I

Department: Chemistry

Date: 31st March, 2017 to 30th September, 2020

1. Designation: Reader

Department: Chemistry/Science Laboratory Technology

Date: 1st October, 2023 to Date

1. Courses taught within the Current Academic Session:

**B.SLT (Undergraduate)**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Title** | **Course Unit** |
| GLT 212 | Glass Blowing Technology | 2 |
| STC 221 | Analytical Chemistry I | 2 |
| CHM 319 | Experimental Analytical Chemistry | 1 |
| STC 310 | Quality Control and Industrial Safety | 1 |
| STC 314 | Petrochemistry | 2 |
| STC 318 | Industrial Raw Materials Resources | 1 |
| STC 319 | Introductory Industrial Chemistry | 2 |
| STC 320 | Chemistry Laboratory Techniques and Practice I | 3 |
| STC 326 | Dye and Textile Chemistry Technology | 2 |
| STC 327 | Polymer Chemistry I | 2 |
| STC 411 | Instrumentation and Analytical Chemistry II | 3 |
| STC 416 | Non-Aqueous Solvents | 1 |
| STC 422 | Industrial Training (Site Work Supervision) | 4 |
| STC 424 | Industrial Training (University Supervision | 4 |
| STC 426 | Industrial Training (Students Report) | 4 |
| STC 511 | Water and Wastewater Treatment | 2 |
| STC 513 | Wood, Pulp and Paper Chemistry | 2 |
| STC 520 | Chemistry Laboratory Techniques and Practice II | 3 |
| STC 523 | Polymer Technology | 2 |
| STC 524 | Analysis of Raw Materials and Drugs | 2 |
| STC 590 | Seminar | 2 |
| STC 599 | Research Project | 6 |

**B.SLT (Conversion Programme)**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Title** | **Course Unit** |
| STC 310 | Quality Control and Industrial Safety | 1 |
| STC 313 | Instrumental Methods of Analysis | 3 |
| STC 314 | Petrochemistry | 2 |
| STC 318 | Industrial Raw Materials Resources | 1 |
| STC 320 | Chemistry Laboratory Techniques and Practice I | 3 |
| STC 326 | Dye and Textile Chemistry Technology | 2 |
| STC 327 | Polymer Chemistry I | 2 |
| STC 411 | Instrumentation and Analytical Chemistry II | 3 |
| STC 416 | Non-Aqueous Solvents | 1 |
| STC 511 | Water and Wastewater Treatment | 2 |
| STC 513 | Wood, Pulp and Paper Chemistry | 2 |
| STC 514 | Applied Surface and Colloid Chemistry | 2 |
| STC 523 | Polymer Technology | 2 |
| STC 524 | Analysis of Raw Materials and Drugs | 2 |
| STC 590 | Seminar | 2 |
| STC 599 | Research Project | 6 |

**M.Sc in Analytical/Environmental Chemistry (Postgraduate)**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Title** | **Course Unit** |
| CHM 814 | Recent Advances in Coordination Chemistry | 3 |
| CHM 828 | Analytical/Environmental Toxicology | 3 |
| CHM 829 | Chemistry of Electroanalytical Techniques | 2 |
| CHM 832 | Classical Methods of Analysis | 3 |
| CHM 833 | Miscellaneous Advanced Techniques in Analytical Chemistry | 2 |
| CHM 835 | Quantitative Spectroscopic Methods of Analysis | 3 |

1. Graduate Student Supervision within Current Session:

Student’s Name: Helen HILKYA

Matriculation Number: SPGS/8464516

Department: Chemistry

Research Topic: Synthesis and Characterization of Nano Pesticides for Enhanced Agricultural Pest Control Using Neem (*Azadirachta indica*)

1. Current Undergraduate Supervision:

Student’s Name: Oluwafunbi Joy AJAYI

Matriculation Number: SLT/20/2495

Department: Science Laboratory Technology

Research Topic: Physicochemical Properties of Curcumin-Loaded Lima Bean Starch Nanoparticles for Diabetes Treatment

Student’s Name: Peace Ajibade

Matriculation Number: SLT/20/2496

Department: Science Laboratory Technology

Research Topic: *In-Vitro* Properties of Curcumin-Loaded Lima Bean Starch Nanoparticles for Diabetes Treatment

1. **Membership of Professional Bodies:**
2. Associate Member, Nigerian Institute of Science Laboratory Technology (NISLT)
3. Member, Chemical Society of Nigeria (CSN)
4. Member, Polymer Institute of Nigeria (PIN)
5. **Publications with Dates:**
   1. Thesis/Dissertation:
6. **B.Sc Thesis**: Assessment of heavy metals in Nigerian vegetables and soils in Owo and Edo Axes using X-ray Fluorescence (XRF) technique(2017).
7. **Ph.D Dissertation**: Physicochemicalcharacterization of native, modified and nano starches of selected tubers and seeds(2014).
8. **M.Tech Dissertation**:Physicochemicalproperties of the starches of selected tropical tubers(2007).
9. **PGD Thesis**:Proximate compositions and physicochemical properties of the starches of the corms and cormels of red and white varieties of cocoyam (*Colocasia esculenta*) and cassava (*Manihot esculenta*) (2003).
10. **HND Thesis**:Effect of agricultural wastes on the thermodynamic parameters of reinforced natural rubber (*nR)* composites (2000).
11. **ND Thesis**:Mechanical properties of bleached wood-fibre reinforced natural rubber (*nR*) composites (1996).
    1. Books and Monographs:
12. Imanah, J.E. and **Oladebeye, A.O.** (2015). Fundamentals of General and Physical Chemistry, 2nd Edition, 1-324.
13. Jeje, A.O., Olugbemide, A.D., Aigbefo, V. and **Oladebeye, A.O.** (2015). General Principles of Chemistry, 1st Edition, 1-223.
    1. Contribution to Books:
14. Idiaghe, J.A., Ugbesia, S.O., **Oladebeye, A.O.,** Ekebafe, L.O., Momoh, F.P., Ayo, M.D., Eruangha, G.O., Imasuen, A.O., Chukwu, M.N., Eboreime, A.E. and Igbonazobi, L.C. (2013). Polymer Analysis and Characterization, 1st Edition (**Chapters 1, 2, 3. 10, 11, 12 and 13**).
    1. Published Journals Articles:
15. **Oladebeye**, **A.O.,** Oladebeye, D.H. and Adeosun, B.F. (2006). Thermodynamic evaluation of natural rubber reinforced with agricultural wastes. CITADEL, *Journal Series for Professionals, Center for Environment and Rural Resources Development Network*, *Akure*, *Nigeria*, 2(4):28-32.
16. Oladebeye, D.H. and **Oladebeye, A.O.** (2006). Effect of agricultural wastes on thermal conductivity of natural rubber composites. *Nigerian Journal of Mechanical Engineering, University of Ado-Ekiti*, *Nigeria,* 4(1):54-63.
17. **Oladebeye A.O.**, Oshodi A.A. and Oladebeye A.A. (2006). Comparative studies on the pasting properties of starches of corms and cormels of two cocoyam (*Colocasia esculenta*) cultivars. *ChemTech Journal (An Official Journal of Chemical Society of Nigeria, Edo Chapter)*, 2:260-264.
18. Ohikhena, S.O. and **Oladebeye, A.O.** (2008). Use of rubber seed oil in the production of shoe polish. *Journal of Applied Science and Technology* (*Auchi Polytechnic, Auchi, Nigeria*), 1(1):23-27.
19. Ohikhena, S.O., Otoikhian, S.K. and **Oladebeye, A.O.** (2008). Extraction of cherry seed oil for the production of pencil eraser. *Journal of Applied Science and Technology* (*Auchi Polytechnic, Auchi, Nigeria*), 1(2):14-17.
20. **Oladebeye, A.O.**, Oshodi, A.A. and Oladebeye, A.A. (2009). Physicochemical Properties of starches of sweet potato (*Ipomea batata*) and red cocoyam (*Colocasia esculenta*) cormels. *Pakistan Journal of Nutrition*, 8(4):313-315.
21. **Oladebeye, A.O.,** Oshodi, A.A**.,** Imanah, J.E. and Oladebeye, A.A. (2010). Physicochemical Properties and Pasting Behaviours of Selected Tropical Tubers. *Nigerian Journal of Chemical Research,* 15:35-42.
22. Oladebeye, A.A., Amoo, I.A. and **Oladebeye, A.O.** (2011). Physicochemical Properties of Degermed Flours of Rice (*Oryza Sativa*), Millet (*Eleusine Coracana*) and Wheat (*Triticun Aestivum*). *International Journal of Biological Science*, *A Pan-African Series*, 3(4):40-42.
23. Momoh, F.P., Igbonazobi, L.C., Umoh, J.R. and **Oladebeye, A.O.** (2011). Cooling Trends as Parameters for the Quality Assessment Control in Thermoplastics. *Journal of Applied Science and Technology* (*Auchi Polytechnic, Auchi, Nigeria*), 4(1):76-82.
24. Erhabor, C.U. and **Oladebeye, A.O.** (2011). Studies of NR/NBR Blends. *ChemTech Journal (An Official Journal of Chemical Society of Nigeria, Edo Chapter)*, 7(1):253-257.
25. **Oladebeye, A.O.**, Oshodi A.A., Oladebeye, A.A. and Amoo, I.A. (2011). Pasting properties of heat-moisture treated starches of white and yellow yam (*Dioscorae species*) cultivars. *Nature and Science*, 9(1):29-33.
26. **Oladebeye, A.O.,** Imanah, J.E., Bakare, O.I. and Oladebeye, A.A. (2012). Lima bean starch-hydrogels. *Nigerian Journal of Chemical Research,* 17:39-49.
27. Oladebeye, A.A., Amoo, A.I. and **Oladebeye**, **A.O.** (2012). Comparative Studies on the Physicochemical Properties of Degermed Flours of White and Yellow Maize (*Zea mays*). *Pakistan Journal of Scientific and Industrial Research*, 55(3), 172-174.
28. **Oladebeye, A.O.,** Oshodi, A.A., Amoo, I.A. and Karim, A.A. (2013). Morphology, x-ray diffraction and solubility of underutilized legume starch nanocrystals. *International Journal of Science and Research,* 2(3): 497-503.
29. **Oladebeye, A.O.,** Oshodi, A.A., Amoo, I.A. and Karim, A.A. (2013). Functional, thermal and molecular behaviours of ozone–oxidized cocoyam and yam starches. *Food Chemistry,* 141:1416-1423.
30. **Oladebeye, A.O.,** Oshodi, A.A., Amoo, I.A. and Karim, A.A. (2013). Hydroxypropyl derivatives of legume starches: Functional, rheological and thermal properties. *Starch/Stärke*, 65:762–772.
31. **Oladebeye, A.O.,** J.E. Imanah, Eboreime, A.E. and Oladebeye, A.A. (2015). Effect of pregelatinization on selected functional, molecular and pasting properties of legume starches. *Nigerian Journal of Polymer Science and Technology*, 10:46–53.
32. **Oladebeye, A.O.,** Oshodi, A.A., Amoo, I.A. and Karim, A.A. (2015). Selective comparison of native and nanocrystals of white and yellow yam starches. *Walailak Journal of Science and Technology*, 12(12): 1137–1145.
33. **Oladebeye, A.O.,** Oshodi, A.A., Amoo, I.A. and Karim, A.A. (2018). Gaseous ozonation of pigeon pea, lima bean and jack bean starches: Functional, Thermal and Molecular Properties. *Starch/Stärke,* 1700367: 1-11, doi.org/10.1002/star.201700367.
34. Oladebeye, A.A., **Oladebeye, A.O.**, Dania, M.I. and Olukoya, F.O.(2018)**.** Production and physicochemical compositions of spiced red sorghum (*Sorghum bicolor* L.) pastas, *Journal of Arts, Management, Science and Technology/TETFund*, 5(2):13-22.
35. **Oladebeye, A.O.**,Onoerhi, F.F., Ogbedobor, M., Ojeiho, O.G. and Oladebeye, A.A. (2018). Characterization of acetylated pulverized jack bean (*Canavalia ensiformis*) seed coats, *Journal of Arts, Management, Science and Technology/TETFund*, 5(3):14-24.
36. **Oladebeye, A.O.,** Oshodi, A.A., Amoo, I.A., Karim, A.A. and Oladebeye, A.A. (2018). Hydroxypropyl and nanocrystal derivatives of white (*Colocasia antiquorium*) and red (*Colocasia esculenta*) cocoyam starches: functional, pasting, thermal and molecular properties, *Journal of Food Measurement and Characterization*, 1-10, doi.org/10.1007/s11694-018-9914-1.
37. **Oladebeye,** **A.O.**, Oware, M.O., Odia, F. and Oladebeye, A.A. (2018). Morphology, FTIR and x-ray patterns of pulverized mercerized jack bean(*Canavalia* *ensiformis*) seed coats, *Leonardo Journal of Sciences,* 33:1-12.
38. **Oladebeye, A.O.** and Oladebeye, A.A. (2019). Flow and thermal behaviours of pregelatinized legume starches, *Journal of ChemResearch,* 1(2):33-44.
39. **Oladebeye, A.O.**, Okunade, M.B. and Oladebeye, A.A. (2020). Elemental Compositions of Tropical Vegetables and Soils in Edo State, Nigeria Using X-ray Fluorescence Technique. *Journal of Scientific Research and Reports*, 26(2): 27-37.
40. **Oladebeye, A.O.** (2020). Potentials of starch nanoparticles jack bean (*Canavalia ensiformis*) coprecipitated with iron (II, III) oxide. *International Research Journal of Pure and Applied Chemistry*, 21(3): 17-24.
41. Ashogbon, A.O., Akintayo, E.T., **Oladebeye, A.O.**, Oluwafemi, A.D., Akinsola, A.F. and Imanah, O.E. (2021). Developments in the isolation, composition, and physicochemical properties of legume starches. *Critical Reviews in Food Science and Nutrition*, 61(17):2938-2959. https://doi.org/10.1080/10408398.2020.1791048.
42. **Oladebeye, A.O.**, Adebayo, J.O., Adeyemi, A.F. and Osungbemiro, W.B. (2023). Potential phytoremediation of designated heavy metalcontaminatedsoils by jute (Corchorus capsularis**is**) and scent leaf (Ocimum gratissimum). *IOSR Journal of Environmental Science, Toxicology and Food Technology*, 17(1):1-9. https://doi.org/ 10.9790/2402-1701020109.
43. **Oladebeye, A.O.**, Okunade, M.B. and Oladebeye, A.A. (2023). Assessment of heavy metals in designated tropical soils and vegetables using x-ray fluorescence spectroscopy. *Journal of Natural Sciences Research*, 14(8):1-9. https://doi.org/10.7176/JNSR/14-8-01
44. Oladebeye, A.A., **Oladebeye, A.O**., Suleiman, M. and Jeff-Agboola, Y.A. (2023). Sensory, proximate and mineral properties of smart baby-led weaning foods from millet, soybean and ripe banana flour blends. Asian Food Science Journal, 22(7):15-24. https://doi.org**/**[10.9734/afsj/2023/v22i7644.](https://doi.org/10.9734/afsj/2023/v22i7644)
45. **Oladebeye, A.O.** and Oladebeye, A.A. (2023). [Physicochemical and nutritional properties of baby-led cookies produced from rice, banana and cashew-nut flour blends](https://journalejnfs.com/index.php/EJNFS/article/view/1318). *European Journal of Nutrition and Food Safety*, 15(7):14-25. https://doi.org/[10.9734/ejnfs/2023/v15i71318.](https://doi.org/10.9734/ejnfs/2023/v15i71318)
46. Arawande, J.O., Ayodele, C.O., **Oladebeye, A.O.**, Olatunji, B.P., Adesuyi, A.T. and Karimu, O.A. (2023). Comparative Studies on Chemical Profile of Red Soko (*Celosia Trigyna*) and Green Soko (*Celosia Argentea*). *Sumerianz Journal of Medical and Healthcare,* 6(2):13-19.
47. **Oladebeye, A.O.**, Nomiye, M.M., Osisike, M., Gbadamosi, K.O., Adeyemi, A.F., Ashogbon, A.O.and Oladebeye, A.A. (2022). Functional Properties of Co-precipitated Jack Bean Starch-Based Magnetic Nanoparticles Derivatives. *Journal of Applied Polymer Science*, 140:e54419. <https://doi.org/10.1002/app.54419>
48. **Oladebeye, A.O.,** Oladebeye, A.A. and Arawande, J.O. (2022). Physicochemical Properties of Wild Yam (*Dioscorae villosa*) Starch. *International Journal of Food Sciences*. <https://doi.org/10.1155/2023/8868218>
49. Jeff-Agboola, Y.A., Sipasi, K.O., Oke, E.K., Jeff-Agboola, E.O. and **Oladebeye, A.O.** (2023). Occurrence of aflatoxins in Nigerian foods: A review. *Croatian Journal of Food Technology, Biotechnology and Nutrition*, 18(1-2):29-36.
    1. Edited and Referred Conference Proceedings:
50. Oladebeye, A.A., **Oladebeye, A.O.,** Olukoya, F. and Dania, M.I. (2012). Comparative Studies on the production and pasting properties of custard flour from cornflour and degermed cornflour. *Proceedings of the 5th Annual National Conference of SASTCON*, 22-27.
    1. Articles Accepted for Publication: **Nil**
    2. Manuscript Submitted for Publication:
51. Techno-Functional, phytochemicals and vitamin profiles of Millet-Based Gluten-Free Flour Blends (*Journal of Food Science and Technology, Springer*).
52. Chemosensors and Biosensors: Fabrication, Recent Advances and Applications (*Chemical Science, RCS*).
    1. Creative Work: **Nil**
    2. Technical Reports: **Nil**
    3. Paper and Work in progress:
53. Physicochemical properties of resistant starches via different methods of synthesis.
54. Physicochemical properties of dual acetylated and oxidized of pearl millet starch.
55. Synthesis and characterization of magnetic nanoadsorbents from jack bean starch.
56. **Professional Accomplishments**
57. Played a leadership role as the Acting Head, Department of Science Laboratory in the NUC Accreditation of the Department.
58. Participated in the development of the curriculum for Bachelor of Science Laboratory Technology (B.SLT) Conversion Programme for Chemistry Techniques, Biochemistry Techniques, Biology and Computational Biology Techniques, Microbiology Techniques and Physics with Electronics Techniques Options in the Department of Science Laboratory Technology, University of Medical Sciences, Ondo, Nigeria.
59. Played a supervisory role in the development of practical manuals for glassblowing technology, hazards and safety in the laboratory, instrumentation practice.
60. Participated in the review of the curriculum for Bachelor of Science in Chemistry for the Department of Chemistry, University of Medical Sciences, Ondo, Nigeria.
61. Developed and won a research proposal as the Principal Investigator for TETFund-NRF Intervention Grand (TETF/ES/DR&D-CE/NRF2023/SETI/WAS/00033/VOL.I) titled: “Wastewater Treatment Using Superparamagnetic Bio-Nanoadsorbents Valorized from Groundnut Shell Wastes”.
62. Appointed as a Reviewer by both local and international journals such as Starch/Starke, Food Chemistry, Carbohydrate Polymers, Egyptian Journal of Chemistry, Hindawi, Chemical Society of Nigeria.
63. Published the successful synthesis and characterization of nanocrystals of tropical legumes (jack bean, lima bean and pigeon pea) and tubers (red and white cocoyam) starches, which has been cited by other researchers.
64. Mentored undergraduate students for both learning and research, and SIWES students, providing them with knowledge and skills.
65. **Conferences, Seminars and Workshops Attended with Dates**

***Conferences***

1. 2nd UNIMED Faculty of Science Conference, University of Medical Sciences, Ondo, Nigeria (2024).
2. 1st UNIMED Faculty of Science Conference, University of Medical Sciences, Ondo, Nigeria (2023).
3. UNIMED Research Day, University of Medical Sciences, Ondo, Nigeria (2022).
4. IUPAC-CHEMRAWN XXII E-waste in Africa and 44th Annual International Conference of The Chemical Society of Nigeria (CSN) (2021).
5. 24th Annual Green Chemistry and Engineering Virtual Conference, American Chemical Society (2020).
6. AAUA-Humboldt Kolleg Conference: The Role of Commercialization of University-Based Research Results for National Development (2018).
7. 27th Annual Technical Conference of Polymer Institute of Nigeria on Polymer: Unlocking Nigeria’s Economic Potentials through Polymer Science and Technology (2016).
8. 26th Annual Technical Conference of Polymer Institute of Nigeria on Polymers: Man’s Complement to Nature. (2015).
9. 7th Annual ChemTech Conference on Chemistry in the Developmental Transformation of Resources (2014).
10. 5th Annual National Conference on Investment in Science and Technology Infrastructure for Accelerated National Development (2012).
11. 5th Annual ChemTech Conference on Sustainable Green Chemistry and Rubber Industry. (2011).
12. 21st Annual Technical Conference/AGM of Polymer Institute of Nigeria on Polymer: A Veritable Tool in the Actualization and Sustainability of Vision 2020 (2010).
13. 31st International Conference of Chemical Society of Nigeria on Strategic Re-Positioning of Chemistry for National Development (2008).
14. 43rd Annual Conference of Science Association of Nigeria (SAN) on Science and Technology: Research Focus in the 21st Century (2007).

***Seminars (Webinars)***

1. Horiba Scientific in conjunction with Wiley Analytical Science on nanoGPS: Correlative Microscopy Solution (2022).
2. Horiba Scientific in conjunction with Wiley Analytical Science on Making 3D Automated Mineralogy a Reality (2022).

***Workshops***

1. Animal Care and Use in Research, Education and Testing (ACURET), University of Medical Sciences, Ondo, Nigeria (2022).
2. Pedagogy Teaching and Learning in Higher Education, University of Medical Sciences, Ondo, Nigeria (2021).
3. Advanced Digital Appreciation Programme for Tertiary Institutions Statistical Package for Social Sciences, University of Medical Sciences, Ondo, Nigeria (2021).
4. Advanced Digital Appreciation Programme for Tertiary Institutions Statistical Package for Social Sciences, University of Medical Sciences, Ondo, Nigeria (2018)
5. Advanced Digital Appreciation Programme for Tertiary Institutions Statistical Package for Social Sciences, University of Medical Sciences, Ondo, Nigeria (2017).
6. Workshop on Pedagogy and Integrated Medical and Dental Curriculum organized by University of Medical Sciences, Ondo, Nigeria (2017).
7. eLearning Workshop on Blended Learning Using Moodle organized by Auchi Polytechnic, Auchi in collaboration with Commonwealth of Learning (COL) (2015).
8. Flexible Skills Development (FSD) Workshop organized by Commonwealth of Learning (COL) in collaboration with Auchi Polytechnic, Auchi, Nigeria (2013).
9. Flexible Skills Development (FSD) Workshop organized by Commonwealth of Learning (COL) in collaboration with Auchi Polytechnic, Auchi, Nigeria (2012).
10. Flexible Skills Development (FSD) Workshop organized by Commonwealth of Learning (COL) in collaboration with Auchi Polytechnic, Auchi, Nigeria (2011).
11. CEDAP, Training-the-Trainer Workshop, Auchi Polytechnic, Auchi, Nigeria (2007).
12. UNESCO-Nigeria TVE Project, Auchi Polytechnic, Auchi, Nigeria (2006).
13. Centre for Entrepreneurship Auchi Polytechnic (CEDAP), Sensitization Workshop (2006).
14. **Current Research Activities**
15. Physicochemical properties of resistant starches via different methods of synthesis.
16. Physicochemical and *in-vitro* properties of curcumin loaded lima bean starch nanoparticles for diabetes treatment.
17. Synthesis and characterization of magnetic nanosorbents from jack bean starch.
18. **Current Relevant Information**
    1. Services within the Department:
19. **Course Adviser**, Department of Science Laboratory Technology, University of Medical Sciences, Ondo, Nigeria.
    1. Services within the Faculty:
20. **Chairman,** Research Cluster on Waste to Wealth, Faculty of Science, University of Medical Sciences, Ondo, Nigeria.
21. **Member**, Research and Development Committee, Faculty of Science, University of Medical Sciences, Ondo, Nigeria.
22. **Member,** Research Seminar Committee, Faculty of Science, University of Medical Sciences, Ondo, Nigeria.
    1. Services within the University:
       1. **Chairperson,** Academic Staff Union of Universities, University of Medical Sciences, Ondo (ASUU-UNIMEDO), Nigeria
       2. **Director,** Central Research and Reference Laboratory, University of Medical Sciences, Ondo, Nigeria.
       3. **Academic** **Adviser**, University of Medical Sciences, Ondo, Nigeria.
    2. Services outside the University:
23. Pastor-in-Charge of Parish/Area/Zone, The Redeemed Christian Church of God.
24. Music Director, Edo Province 17, The Redeemed Christian Church of God.
25. **Contributions to Knowledge**

My contributions to knowledge through teaching are to:

1. bring my students to the level of confidence and competence in content and concepts of their various courses;
2. build them up to be ambassadors and successors of knowledge; and
3. prepare them as great future leaders in knowledge and character.

My contributions to knowledge through research are to:

1. extend the applications of modified derivatives of native starches extracted from underutilized tubers and roots, and legumes with the view to serving as alternative sources for high demand in the domestic and industrial applications of starch;
2. offer possible uses of nanostarch in food and non-food applications, such as pharmaceuticals, cosmetics, water treatments, etc; and
3. create job and generate income, thereby improving on the national and global economies.

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Signature: Date: **10th July, 2025**