

UNIVERSITY OF MEDICAL SCIENCES, ONDO
FACULTY OF SCIENCE
DEPARTMENT OF CHEMISTRY



A. Personal Data

1.Full Name:	Quadri-Oloye, Mariam Taiwo
2.Date of Birth:	6 th September, 1975
3.Details of Contact Address:	Department of Chemistry, University of Medical Sciences Ondo City, Ondo State
(a)E-mail address(es):	mariamoloye@unimed .edu.ng
(b)Mobile Phone Number(s):	08060828503
4. Nationality:	Nigerian
5. State of Origin:	Ondo
6. Senatorial District:	Ondo North
7. Local Government Area:	Owo
8. Permanent Home Address:	43, Ijasan Street, Owo, Ondo State.
9. Marital Status:	Married
10. Number of Children and their Ages:	Three (3): 17; 15; 1
11. Next of Kin:	Alh. Akorede O.N.
12. Details of Contact Address of Next of Kin:	3, Ifesowapo Road 5, Ondo Road, Akure.
(a) E-mail address (es):	tundeakorede@gmail.com
(b) Mobile Phone Number(s):	08037556101, 08091172887
13. Date of Assumption of Duty:	5 th March, 2020
14. Rank/status on First Appointment:	Assistant Lecturer
15. Present Status:	Assistant Lecturer
16. Date of Last Promotion:	
17. Present Salary, Grade Level and Step:	₦154169.84167, CONUASS 2/01
18. Date of Confirmation of Appointment:	
19. Faculty/ Directorate:	Science
20. Department/Unit:	Chemistry

B. Educational Background:

1. Higher Educational Institutions Attended with Dates:
 - (i) The Federal University of Technology, Akure. (2015 - 2020)
 - (ii) The Federal University of Technology, Akure. (2008 - 2011)
 - (iii) Federal University of Agriculture, Abeokuta. (2001 - 2004)
 - (iv) University of Ibadan, Ibadan. (1997 – 2000)

2. Academic/ Professional Qualifications Obtained with Dates:

- (i) Doctor of Philosophy (**Ph. D**) in **Industrial Chemistry** In view
- (ii) Masters of Technology (**M. Tech**) in **Industrial Chemistry** (November, 2011)
- (iii) Bachelor of Science (**B. Sc**) in **Chemistry** (June, 2004)
- (iv) National Diploma (**N D**) **Science Laboratory Technology** (May, 2000)

3. Other Distinctions and Awards with Dates:

- (a) Scholarship:**NIL**
- (b) Fellowship:**NIL**
- (c) Research Grants: **NIL**
- (d) National Awards: **NIL**
- (e) International awards:**NIL**

C. Working Experience with Dates

1. Previous Work Experience Outside the University System with Dates:

- (i) Department of Chemistry, Ero College of Education Ero, Akure.
Chemistry Tutor 2008 – 2010
- (ii) Science Department, Heart and Soul Private School Iwo Road, Ibadan.
Science Teacher 2006 - 2008
- (iii) National Youth Service Corps (NYSC) JOS, Plateau State.
Chemistry Teacher 2004 – 2005

2. Previous Work Experience in Other Universities:

Department of Chemistry, The Federal University of Technology, Akure
Teaching Assistant 2010-2012

Courses Taught:

S/N	COURSE CODE	COURSE TITLE	COURSE UNIT
(i)	CHM 101	General Chemistry I	3.0
(ii)	CHM 102	General Chemistry II	3.0
(iii)	CHM 101	Practical Chemistry I	1.0
(iv)	CHM102	Practical Chemistry II	1.0

Department of Chemical Sciences, Achievers' University, Owo

Lecturer II 2012-2020

Courses Taught:

S/N	COURSE CODE	COURSE TITLE	COURSE UNIT
(i)	CHM 101	General Chemistry I	3.0
(ii)	CHM 102	General Chemistry II	3.0
(iii)	CHM 107	Practical Chemistry I	1.0

(iv)	CHM108	Practical Chemistry II	1.0
(v)	CHM 212	Inorganic Chemistry I	2.0
(vi)	CHM 213	Inorganic Chemistry II	2.0
(vii)	ICH 303	Industrial Methodology and Management I	2.0
(viii)	CHM 311	Unit Operation	2.0
(ix)	ICH 311	Quality Control	2.0
(x)	CHM 314	Coordination Chemistry	2.0
(xi)	CHM 301	Environmental Chemistry I	2.0
(xii)	CHM 316	Environmental Chemistry II	2.0
(xiii)	ICH 410	Industrial Methodology and Management I	2.0
(xiv)	ICH 403	Polymer Chemistry	2.0
(xv)	ICH 415	Organometallic Chemistry	2.0
(xvi)	CHM 426	Fertilizers and Agrochemicals	2.0

3. Work Experience in University of Medical Sciences:

Assistant Lecturer March, 2020 till Date

4. Courses Taught Within the Current Academic Session

S/N	COURSE CODE	COURSE TITLE	COURSE UNIT
(i)	CHM 121	General Chemistry II	1.0
(ii)	CHM 322	Inorganic Chemistry II	2.0
(iii)	CHM 325	Polymer Chemistry I	2.0
(iv)	CHM426	Industrial Chemical Processes II	2.0
(v)	CHM 223	Experimental Organic & Analytical Chemistry	1.0
(vi)	CHM 328	Experimental Organic Chemistry	1.0

5. Graduate Student Supervision within Current Session: **NIL**

6. Current Undergraduate Supervision: **NIL**

D. Membership of Professional Bodies:

1. Member, Chemical Society of Nigeria {CSN} OND/15/03938
2. Member, Science Association of Nigeria [SAN] SAN/2018/210

E. PUBLICATIONS:

1. Thesis/Dissertation:

- Isolation, Modification, Characterization and Industrial Application of Pectin Extracted from Selected Plants Parts (**Ph.D Thesis, 2020**).
- Mechanical and Dyeing Properties of Native Cotton Fabrics Treated with Different Natural Sizes. (**M.Tech Thesis, 2011**).
- Graft Copolymerization of methacrylonitrile on Ceaserweed Fibers via Isopropanol Redox Pair (**B.SC Thesis, 2004**).

2. Books and Monographs: **NIL**

3. Contributions to Books: **NIL**

4. Published Journals Articles:

- (i) Eromosele, C.O. **M. Oloye**, I. C. Eromosele (2006). Graft Copolymerization of methacrylonitrile on Ceaserweed Fibers by Ceric Ion/ Isopropanol Redox Pair. *Journal of Applied Polymer Sciences*, Vol. 101, Pp 353-358.
- (ii) Popoola, A.V., and **Oloye, M.** (2013), Mechanical and Dyeing Properties of Native Cotton Fabrics Treated with Different Natural Sizes. *Asian DYER*, Vol.10, Pp 42- 45.
- (iv) Adetuyi, A. O., Jabar, J. M., Alawode, A. S., Falola, O. R., Fagbemi, T. O., Fadahunsi, D. E., **Oloye, M.**, Daramola, B., (2014). Comparative Studies of Soaps Produced from Oils and Various Naturally Sourced Alkalis and the Laboratory (Commercial) Analogue. *Journal of Sustainable Technology*, Vol. 5, Pp. 106-113.
- (v) Oyedele, A.O., **Oloye M.**, Daramola B., and Ayoko O., (2015). Evaluation of Organic Manures, Effects on Crude Oil Polluted Soil. *Canadian Open Science and Environmental Management Journal*, Vol. 1, No. 1, Pp 1-13.
- (vi) Ekong, S.A. **M. T., Oloye** , D. A., Oyegoke, (2015). Ground-State Energy Calculation of Helium Atom Using Quantum Monte Carlo CASINO-Code, *Advances in Physics Theories and Applications*. Vol.46: Pp 1-7.
- (vii) Adetuyi, A.O., Ademola, K.R. A.R.Asha, J.M. Jabar, T. Abe, **M.T Oloye**, (2015). Production and application of printing pastes from dye yielding plants. *Asian Dyer*, Pp.55-61.

(viii) Jabar, J.M., Lajide, L. Bakare, L.O. and **M.T Oloye**. (2016). Extraction and Characterization of Vegetable oil from *Thevetia peruviana* and *Jatropha curcas* seeds. *FUTA, Journal of Research in Sciences*, Vol.1, Pp.73-80.

5. Edited and Refereed Conference Proceedings:

- (i) Jabar, J.M., **Oloye, M.** and Adetuyi, A.O.(2011), Importance of Time of dyeing on dye exhaustion of indigo dyed cotton fabrics. *Proceeding of 4th annual National Conference of National Association of Textile Scientist and Technologists, held at Yaba Tech., Nigeria.* 10th-13th October, 2011.

6. Articles Accepted for Publication: **NIL**

7. Manuscript Submitted for Publication: **NIL**

8. Creative Work : **NIL**

9. Technical Reports: **NIL**

10. Papers and Works in Progress:

1. Determination of Vitamins and Sugar levels in Pectin extracted from peels of *Cola milleni*, *Irvingia gabonensis* and *Theobroma Cacao*.
2. Antityphoid activities of ethanolic extract of the leaves of *Europhobia heterophylla* on white albino rat.

F. Professional Accomplishment

Through my research I have established that peels from agricultural waste gave the highest yield of pectin using acid extraction and ethanol aided precipitation I have successfully characterized the extracted Pectin from the waste were found to be useful in pharmaceutical tableting.

G. Conferences, Seminars and Workshops Attended With Dates:

(a) Conferences:

- 4th Annual National Conference of National Association of Textile Scientist and Technologists, held at Yaba Tech., Nigeria. 10th-13th October, 2011.
- 1st National Conference of School of Science, Federal University of Technology Akure held at FUTA, Nigeria. 17th-21st July 2012.
- Achievers National Conference on Public Policy, held at Achievers University, Owo, 10th- 11th July, 2013.

(b) Workshops:

- Chemical Society of Nigeria, 2nd Zonal Conference/Exhibition and Workshop held in Abeokuta, Ogun State. 18th -20th May, 2017.

- Chemical Society of Nigeria, 40th Annual International Conference, Workshop, Exhibition and General Meeting, held at Dialogue Resource Centre Conference Hall, Kaduna, Nigeria. 17th -22nd Sept., 2017.

H. Current Research Activities:

Antityphoid activities of ethanolic extract of the leaves of *Europhobia heterophylla* on white albino rat.

I. Current Relevant Information:

1. Services within the Department:

Member Constitution of Students' Result Committee

2. Services within the Faculty: **NIL**

3. Services within the Faculty: **NIL**

4. Services outside UNIMED: **NIL**

J. Contribution to Knowledge:

- My contribution to the development of the institution through teaching is by imparting knowledge on the students educationally, morally and religiously;
- by building confidence and self dependence on them;
- Prepare them for future Challenge.

Contributions through research are to:

- apply derivatives of modified pectins in pharmaceutical industries where higher thermal stability to heat is required;
- encourage the use of more agricultural wastes to be explored for production of pectins.;
- production of more derivatives with bioactive functional groups to be synthesized and tested;
- extend the usage of modified and unmodified pectin samples as they have requisites microbial quality and potential to be developed as antimicrobial agents for extended release natural products;

Signature:.....

Date:.....

