**CURRICULUM VITAE**

 **PERSONAL DATA:**

(a) **NAME**: **Oyewumi-Musa Rukayat Titilayo**

(b) **DATE OF BIRTH:** 23rd, August 1981

(c) **CURRENT POSTAL ADDRESS:** 2 Salami Musa Close, Off Jebba road,

 Ilorin, Kwara State.

(d) **MARITAL STATUS:** Married

(e) **TEL. NO. AND E-MAIL ADDRESS**: 080-38083240, titilayomusa@gmail.com

(f) **DATE OF FIRST APPOINTMENT** 1ST October, 2010

**(g) STATUS OF FIRST APPOINTMENT** Regular

( h) **PRESENT STATUS AND INSTITUTION:** Lecturer I, Al-Hikmah,University Ilorin

 Kwara State

(i) **DEPARTMENT:** Chemical & Geological Sciences

(j) **FACULTY**: Natural & Applied Sciences

**UNIVERSITIES ATTENDED (with dates):**

1. UNIVERSITY OF ILORIN, ILORIN, NIGERIA Ph. D in view
2. UNIVERSITY OF ILORIN, ILORIN, NIGERIA 2015
3. UNIVERSITY OF ILORIN, ILORIN, NIGERIA 2009
4. UNIVERSITY OF ILORIN, ILORIN,NIGERIA 2004

**ACADEMIC AND PROFESSIONAL QUALIFICATIONS:**

(a) UNIVERSITY OF ILORIN (Ph.D. CHEMISTRY) In view

(b) AL-HIKMAH UNIVERSITY, ILORIN ( PGDE) 2017

(c) UNIVERSITY OF ILORIN (MPhil. /Ph.D) 2015

(d) UNIVERSITY OF ILORIN (M. Sc. INDUSTRIAL CHEMISTRY) 2009

(e) UNIVERSITY OF ILORIN (B. Sc. INDUSTRIAL CHEMISTRY) 2004

**MEMBERSHIP OF LEARNED SOCIETIES**:

(a) CHEMICAL SOCIETY OF NIGERIA (CSN)

(b) SCIENCE ASSOCITION OF NIGERIA (SAN)

(c) NIGERIAN ASSOCIATION OF HYDROGEOLOGIST (NAH)

(d) MATERIAL SCIENCE ASSOCIATION OF NIGERIA (MSN)

**LENGTH OF TEACHING 11** years

**EXPERIENCE SINCE BASIC QUALIFICATION/ CAREER PROGRESSION:**

 **Academic experience**

i) Top Tutors School, Adewole, Ilorin, Kwara State. (Chemistry teacher) 2004

ii) Laboratory analyst personnel, Maiduguri Flour Mills, Borno State. (NYSC) 2005

iii) Ministry of Water Resources, Ilorin, Kwara State. (Scientific Officer) 2007-2010

iv) Al- Hikmah University, Ilorin, Kwara State (Assistant Lecturer) 2010-2012

v) Al- Hikmah University, Ilorin, Kwara State (Lecturer II) 2012-2018

vi) Al- Hikmah University, Ilorin, Kwara State (Lecturer I) 2018-till date

**RESEARCH INTEREST:**

My research focuses on Environmental/ Analytical chemistry, preparing waste and agricultural materials materials, synthesizing new compounds for removal of pollutants and heavy metals from effluents, with the aim of minimizing environmental problems**.**

**PUBLICATIONS:**

 **THESES:**

(i) Comparative Studies of Preparation methods on the Quality of Hydroxyapatite (MPhil.) (2015)

(ii) Kinetics and Mechanisms of sorption of Anionic surfactant by Montmorillonite. (M.Sc.) (2009)

(iii) Shea butter purification using Clay and Charcoal. (B.Sc.) (2004)

 **EDITED AND CO-EDITED BOOKS:**

i) Student handbook, Industrial Chemistry Programme 2015

 ii) NUC Self-Study Handbook 2015

**PUBLISHED BOOKS**

1. Eleburuike N.A, M’civer F.A, **Oyewumi-Musa R.T**., Amigun A.T. Garba B. Ayinla S.O. (2021) ESSENTIALS OF INORGANIC CHEMISTRY.
2. Eleburuike N.A, M’civer F.A, **Oyewumi-Musa R.T**., Amigun A.T. Garba B. Ayinla S.O. (2021) FUNDAMENTALS OF PHYSICAL CHEMISTRY.

**PUBLISHED CHAPTERS IN EDITED BOOKS.**

a) **Musa R.T.,** (2012) Water treatment and Remediation using Nanotechnology, **In**: Potential Applications of Nanotechnology in developing countries of West African: Trend of Research Activities. P 191-199. ISBN 978-978-50602-3-2.

 **PUBLISHED JOURNAL ARTICLES:**

1. Onodokwu U.S.,Mohammed L.M. Ako A.T., Onawola J.R. and **Musa R.T**.**O** (2020) Elemental Characteristics of some Nigerian Coal Deposits: Implications for the origin of the coals. **Minna Journal of Geosciences (MJG)** Vol. 3 (1 &2).
2. Mohammed L.M., Onodokwu U.S., Ako A.T., Ogunbajo M.I. and **Musa R.T**.O (2018) Proximate, Ultimate and Elemental Characteristics of Ten Major Nigerian Coal Deposits in Benue Trough and Anambra Basin. **Minna Journal of Geosciences (MJG)** Vol. 2 (1)**.**
3. Abdus-Salam N., Sodiq O.A., **Oyewumi-Musa R.T**. (2017) Bioremediation of Heavy Metals in Contaminated Soil from Abandoned Asa Dam Road Dumpsite. **International Journal of Environmental, Agriculture and Biotechnology (IJEAB**)**.** Vol. 2 (5), 2516-2521
4. **Oyewumi-Musa R.T**., M’civer F.A., Alu O. O., Amigun T.A., Garba B. and Adigun L.O. (2017) Physicochemical and Heavy Metals Assessment of Well Water around selected Automobile sites in Ilorin. **Minna Journal of Geoscience (MJG).** Vol.1 (2), 90-99.
5. Jamiu W., Adebayo G.B.,Amigun A.T., Jimoh A.A., **Musa R.T**. and Garuba B. (2017) Effectiveness of activated carbon from low cost agricultural waste: Physico-chemical and Spectroscopic Characterization. **International Research Journal of Agricultural Science and Technology (IRJAST).** Vol. 1 (2), 15-21.
6. Abdulkabir O.O., Babatunde O., **Musa** **R.T**. , M’cvier F.A., Lawal A.T., Ogunwande I.A. (2016) GC-MS analysis and cytotoxic activity of essential oils from the leaves of *Abrus precatorius* L. Gaertn. **Asian Pacific Journal of Tropical Disease** 6(5): 372-375
7. Ameen B. and **Musa R.T**. (2014). Effect of Iron–based Coagulant in Municipality Operation. A case study of Kwara State Water Corporation. (2014). **Food Science and** **Quality Management**. Vol. 34, 51-54.
8. Ameen B., **Musa R.T**., and Oyeyele Y. (2013) Comparative Assessment of Treated Water from Asa Dam headwork in Ilorin before and after Refurbishment, **Analytical** **Science Journal** (ASJ) Vol. 2: 17-20.
9. **Musa R.T**., Adekola F.A., Abdus-salam N., (2012) Kinetics and Capacity of Sorption of Anionic Surfactant by Montmorillonite**. Transnational Journal of Science & Technology (TJST)** Vol. 2: 30-41.

 **CONFERENCES, SEMINARS AND WORKSHOPS ATTENDED (With Dates):**

1. **Oyewumi-Musa R.T**., Abdus-Salam N. and Olabode S.O. (2019). Preparation and characterization of Hydroxyapaptite by Chemical treatment. 18th International Conference of Material Science and Technology of Nigeria (MSN), NIMACON.
2. Basic Teaching and Assessment skills for Lecturer in Al-Hikmah University, Ilorin (2018). Workshop held at Al-Hikmah University, Ilorin.

c) M’civer**,** F.A., **Oyewumi-Musa, R.T**., Garba B., and Amigun T.A. (2017 ). Physico-chemical charateristics and trace metal analysis of water samples from some selected hand-dug wells in Ogbondoroko, Ifelodun L.G.A., Kwara State. 29th International conference of Nigerian Association of Hydrogeologists (NAH). Book of Abstract, p 23.

d) Babatunde A.A., Omoniyi T.Y., **Musa R.T**., Okoro H.K., Adebayo G.B. 37th Chemical Society of Nigeria (CSN) Conference, Akwa Ibom (2014). Effect of Iron Based Coagulants in Municipality Operation. A Case Study of Kwara State Water Corporation, Ilorin. Book of abstract, ANAL & ENV/100. A Century of Nigeria (1914-2014): Contributions, Prospects and Challenges of Chemistry.

e) Abdus-Salam N., Sodiq O.A., **Oyewumi-Musa R.T**. Bioremediation of Heavy Metals in Contaminated Soil from Abandoned Asa Dam Road Dumpsite. 49th Science association of Nigerian (SAN) Conference, University of Ilorin, Kwara State. (2014). Exploiting Advancement in Science and Technology for National Security

f) Entrepreneurial skills for wealth Creation, Workshop. (2011) Al-Hikmah University, Ilorin.

g) **Musa R.T.,** Water treatment and Remediation using Nanotechnology Alexandra Von Humbolt Kollege Conference, Ogbomosho, Oyo state. (2011). Potential applications of Nanotechnology in developing countries of West Africa: Trend of research activities. Ladoke Akintola University, Ogbomosho.

h) **Musa R.T** and Adekola F.A. Kinetics and Mechanism of Sorption of Anionic surfactant by Montmorilllonite. 34th Chemical Society of Nigeria (CSN) Conference, University of Ilorin, Kwara State. (2011). Chemistry and the Millennium Development Goals

 **COMMUNITY SERVICES:**

i. Level Adviser (100-400) 2010 - 2014

ii. Departmental Secretary 2010 - 2015

iii. Sub-Dean Female Hostel 2011 - 2012

iv. Departmental Welfare Secretary 2010 – till date

v. Level Adviser (100-400) 2014 - till date

vi. Member University Monitoring Committee 2014 - 2016

vii Sub-Dean Female Hostel 2015 - 2018

viii Member of Committee- IUPAC Women in Chemistry, AL-HIKMAH University Chapter. 2020

**EXTRA CURRICULAR ACTIVITIES**: Reading and Cooking

**REFEREES**

1. **Prof. Nasir Abdus-Salam**

 Professor of Chemistry

 University of Ilorin,

 P.M.B. 1515

 Ilorin, Kwara State.

 Phone: +234-8033950752

 Email: nasalami2002@yahoo.co.uk

**2. Prof. (Mrs) M.O. Bello**

 Professor of Chemistry

 Ladoke Akintola University, Ogbomosho

 Oyo State.

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**3. Prof. I.A. Okunlola**

 Associate Professor of Geology

 Al-Hikmah University, Ilorin,

 P.M.B. 1601,

 Kwara State

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**Signature Date**