

## CURRICULUM VITÆ

SECTION A: PERSONAL DATA

Name: Mohammed Mukhtar Mohammed

Date of Birth: 13<sup>th</sup> August, 1979

Place of Birth: Yunbunga, Sade District

Local Government Area: Darazo

State of Origin: Bauchi

Nationality: Nigeria

Sex: Male

Marital Status: Married

Number of Children: Five (5)

Phone Number: +2348036450131, +2348057244973

Email Address: [mmmukhtarm54@gmail.com](mailto:mmmukhtarm54@gmail.com) or [mukhtarm54@yahoo.com](mailto:mukhtarm54@yahoo.com)

Office Address: Department of Science Laboratory Technology,  
School of Science and Technology,  
Abubakar Tatari Ali Polytechnic, Bauchi.  
P.M.B 0094, Bauchi, Bauchi State.

Home Address: Yunbunga, Sade District, Darazo L.G.A, Bauchi State.

Career Objectives: A motivated chemist with academic background in Organic and Natural Products Chemistry seeking for challenging position to build on relevant experience as a team player for the achievement of national goals.

## SECTION B: INSTITUTIONS ATTENDED WITH DATES

- Wuro Hausa Primary School Jada, Adamawa State 1988-1993
- Government Secondary School Jada, Adamawa State 1994-1996
- Government Senior Science Secondary School Uba, Adamawa State 1997-1999
- University of Maiduguri 2000-2001
- University of Maiduguri 2001-2006
- Abubakar Tafawa Balewa University Bauchi 2009-2016
- Digital Bridge Institute, Abuja 12-16/09/11
- Abubakar Tafawa Balewa University Bauchi 2018-Date

## SECTION C: QUALIFICATIONS OBTAINED WITH DATES

- First School Leaving Certificate 1993
- Junior Secondary School Certificate 1996
- West African Senior School Certificate (WASSC) 1999
- Remedial Certificate 2001
- B.Sc (ED) Chemistry (Second Class Upper Division) 2006
- M.Sc Organic Chemistry 2016
- Certificate in Advanced Digital appreciation Programme for Tertiary Institution (ADAPTI) 2011
- Ph.D Organic Chemistry ( in view)

## SECTION D: MEMBERSHIP OF PROFESSIONAL BODIES

- Member, Chemical Society of Nigeria (MCSN) 2009
- Member, Teachers Registration Council of Nigeria (TRCN) 2009

## SECTION E: WORKING EXPERIENCE/CARRIER PROGRESSION

Chemistry Teacher at Government Technical College Kontagora, Niger State (2006/2007) during National Youth Service Corp (NYSC)

Present Employment: Principal Lecturer with the Department of Science Laboratory Technology, School of Science and Technology, Abubakar Tatari Ali Polytechnic, Bauchi, Nigeria

Duty: Teaching, Supervision and Administrative Responsibilities.

Carrier Progression:

- Assistant Lecturer 2008
- Lecturer III 2011
- Lecturer II 2014
- Lecturer I 2017

-Senior Lecturer 2020

-Principal Lecturer 2023

-Present Grade Level: Principal Lecturer on CONPCASS 14 Step 6

-Date of Next Promotion to CONPCASS 15/Chief Lecturer 30/06/2026

## SECTION F: ACADEMIC AND ADMINISTRATIVE RESPONSIBILITIES

### Teaching Experience

Some of the Courses taught at Certificate Level, Preliminary National Diploma Level, National Diploma Level, Higher National Diploma Level and IJMB Level.

S/NO	LEVEL	COURSE CODE	COURSE TITLE	UNIT	SEMESTER
1	CERT.SLT	SLT 032	General and Inorganic Chemistry	5	FIRST
2	CERT.SLT	SLT 042	Physical and Organic Chemistry	5	SECOND
3	CERT.SLT	SLT 046	Glass Blowing	5	SECOND
4	PRE-ND SCI.	CBC 011	General and Inorganic Chemistry	3	FIRST
5	PRE-ND SCI.	CBC 012	Physical and Organic Chemistry	3	SECOND
6	NDI SLT	STC 111	General Principles of Chemistry	5	FIRST
7	NDI SLT	STC 121	Organic Chemistry I	5	SECOND
8	NDI SLT	STC 123	Analytical Chemistry I	5	SECOND
9	NDII	STC 212	Instrumental Analytical Chemistry and Quality Control	5	FIRST
10	NDII	STC 221	Organic Chemistry II	5	SECOND
11	HNDI CHEM	STC 313	Organic Chemistry I	5	FIRST
12	HNDI CHEM	STC 321	Polyfunctional Compounds	5	SECOND
13	HNDII CHEM	STC 413	Heterocyclic and Organic Chemistry	5	FIRST
14	HNDII CHEM	STC 423	Natural Products and Stereochemistry	5	SECOND
15	IJMB1&II	IJMB CHEM	Organic Chemistry	5	FIRST AND SECOND
16	NCE I CHEM	CHE 112	Introduction to Organic Chem	1	FIRST
17	NCE I CHEM	CHE 124	Organic Chemistry	1	SECOND
18	NCE II CHEM	CHE 221	Organic Chemistry	1	SECOND
19	NCE III CHEM	CHE 322	Chem. Of Alcohol, Carbonyl	1	SECOND
20	NCE III CHEM	CHE 325	Natural Products and Amines	1	SECOND
21	NCE III CHEM	CHE 326	Benzene Chemistry	1	SECOND
22	NCE II INT.SCI	ISC 221	Nature of Matter II	1	SECOND
23	NCE II INT.SCI	ISC 225	Carbon Compound I	1	SECOND

24	NCEIII INT.SCI	ISC 323	Carbon Compound II	2	SECOND
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### Project Supervision Experience

I supervised over 100 Diploma Students and some HND Chemistry Students on various projects especially on Extraction, phytochemical analysis, purification and antimicrobial activity of plants samples.

### Position held/Administrative Experience

1. Programme Coordinator, Department of Science Laboratory Technology, School of Science and Technology, Abubakar Tatari Ali Polytechnic, Bauchi. 22/04/2015-03/03/2017.
2. Departmental SIWES Coordinator, Department of Science Laboratory Technology, School of Science and Technology, Abubakar Tatari Ali Polytechnic, Bauchi. 04/03/2013-17/04/2015.
3. Member, Project and Seminar Committee, Department of Science Laboratory Technology, School of Science and Technology, Abubakar Tatari Ali Polytechnic, Bauchi. 15/02/2015-03/03/2017.
4. Member, ASUP-ATAP Staff School Committee. 08/04/2013.
5. Member, Re-constituted Academic Journal Committee of Abubakar Tatari Polytechnic, Bauchi. 17/02/2010.
6. Coordinator IJMB Chemistry Unit of Department of Science Laboratory Technology, School of Science and Technology, Abubakar Tatari Ali Polytechnic, Bauchi.08/10/2014-03/03/2017
7. Coordinator Chemistry Unit of Department of Science Laboratory Technology department, School of Science and Technology, Abubakar Tatari Ali Polytechnic, Bauchi. 08/10/2014-03/03/2017.
8. Representative of School of Science and Technology in Entrepreneurship Development Centre ATAP. 07/11/2017-Date
9. Examination Officer, Science Laboratory Technology Department, School of Science and Technology, Abubakar Tatari Ali Polytechnic, Bauchi. 27/03/2018-2021
10. Academic Representative of School of Science and Technology, 24<sup>th</sup> May 2021 to date.
11. As External Moderator, Federal Polytechnic, Kaltungo, Gombe State. 12/04/2023 to date
12. Reviewer of TAJ Journal 18/10/2023 to date
13. Supervision of IJMB Examinations on 10/02/2017-02/03/2017 for the Year 2017 at ZACAS Gusau
14. Participated in Resource inspection of ND SLT at Federal College of Horticulture, Dadinkowa, Gombe State on 26/12/2109-28/12/2019
15. Participated in Resource Inspection of HND SLT (Chemistry Option) at Mai Idris Aloma Polytechnic, Geidam, Yobe State on 12/07/2023 to 15/07/2023

16. Participated in Resource Inspection of HND SLT Program at Federal Polytechnic Bali, Taraba State on 20/01/2023 to 24/11/2023
17. IJMB Marking as Chemistry Assistant Examiner on 25/06/2011 at Zaria.
18. IJMB Marking as Chemistry Assistant Examiner on 27/02/2014-06/03/2014 at Zaria
19. WEAC and NECO Marking.
20. State Training Facilitator of National Population Commission (NPC) February, 2023
21. Member, ATAP Committee for students handbook review 2023
22. Member, ATAP Examination Misconduct Committee 26/07/2019 to date.
23. Member, ATAP Academic Board Committee 24<sup>th</sup> May 2021 to date.
24. Member, ATAP Academic Business Committee 24<sup>th</sup> May 2021 to date.
25. Member, ATAP Project Monitoring Committee 2023
26. Member, ATAP Verification of Payments of Registration fees Committee 15/09/2023
27. Member, ATAP Verification of students Original Credentials Committee 2022 to date
28. Member, ATAP Task force Committee on Admission 24/10/2024
29. Member, ATAP Committee for Verification of Azare Results 06/12/2023
30. Member, ATAP Committee for Designing a blue print of Summer Semester 06/12/23
31. Member, SST Quality Assurance Committee 03/06/2021 to date
32. Member, SST Students Orientation Committee 12/09/2023
33. Member, SST Auditing Committee 17/07/2023
34. Member, SST Academic Business Committee 03/06/2021 to date.
35. Member, SST Exam Misconduct Committee 26/02/2021 to date

#### SECTION G: RESEARCH WORK

Phytochemical Analysis of Bioactive Extracts of *Sclerocarya birrea*, M.Sc Thesis, Abubakar Tafawa Balewa University, Bauchi, and Extraction, isolation and identification of bioactive phenolic compounds from plant extracts and evaluating their antioxidant and hepatoprotective activities, Ph.D Research work at Abubakar Tafawa Balewa University, Bauchi

#### SECTION H: PUBLISHED JOURNALS AND CONFERENCES

1. 2<sup>nd</sup> International Conference on Chemical, Biological and Environmental Sciences (ICCBES' 15). Held on 21<sup>st</sup> -22<sup>nd</sup> MAY, 2015 at DUBAI, UAE. Paper presented: Phytochemical Analysis of Bioactive Extracts of *Sclerocarya birrea*. Authors: Mohammed Mukhtar Mohammed, Prof H.M Adamu and Prof K.A Bello
2. 4<sup>th</sup> International Conference on Chemical and Biological Processes (ICCBP 2015). Held at Dubai-Albarsha (UAE) on 22<sup>nd</sup>-24<sup>th</sup> November, 2015. Paper Titled: Characterization of Fatty Acid Methyl Esters (fames) from Neem (*Azadirachta indica*) Seed Oil, Co-authored with Zakiyya Rilwan Musa and Halima Muhammad Ladan.
3. ICCON Sensitization Workshop on Globally Harmonized System. Held at Kano, on October 19, 2010. Free Conference.
4. Seminar titled "Academic Research Proposal and Report Writing" organized by Garu Academic Journal on 13<sup>th</sup> December, 2021 at ASUP ATAP Secretariat Bauchi, Bauchi State.

5. (i) The article “Phytochemical Analysis and Antibacterial Assay of Stem Bark of *Anogeissus Leiogarpus*” by the authors Ibrahim I.A.A., Mohammad M.M., Faisal A.A., Musa H., Altine G., Bununu A., has been accepted and published in the European Journal of Molecular Biotechnology, 2017, (5)2. 16.11.2017 No: 045
6. (ii) The article “Extraction of Alkaloids from three Nigerian Plants, Kola Acuminata (Orji Igbo), Vera Kola (Oji Hausa) and Garciana Kola (Bitter Kola)” by the authors Ibrahim I.A.A., Mohammad M.M., Faisal A.A., Musa H., Altine G., Bununu A., has been accepted and published in the European Journal of Molecular Biotechnology, 2017, (5)2. 16.11.2017 No: 046
7. (iii) The article “Extraction and Phytochemical Analysis from the leave of *Vernonia Amygdalina* (Shuwaka) by the authors Ibrahim I.A.A, Chindo M, Mohammed M.M, Faisal A.A, Musa H has been accepted and published in the European Reviews of Chemical Research, 2018, 5(1). 13.10.2017 No 21.
8. (iv ) The article “Phytochemical and Antimicrobial Activity of *Fiscus platyphylla*: by the authrors Ibrahim I.A.A, Chindo M, Mohammed M.M, Faisal A.A, Musa H has been accepted and published the in European Reviews of Chemical Research, 2018, 5(1). 13.10.2017 No 22.
9. (v ) The article titled “ Bioactivity of crude extracts of stem bark of *Vitellaria paradoxa*” by the authors I.A.A, Ibrahim, M.M.Mohammed, A.A.Faisal and H.Musa has been accepted and published by the European Journal of Molecular Biotechnology, 2018, 6(1): 61-66
10. (vi) The article titled “Biochemical and Antimicrobial activity of Prosopis Africa” by the authors I.A.A, Ibrahim, M.M.Mohammed, A.A.Faisal and H.Musa has been accepted and published by the International Journal of Environmental Problem, 2018, 4(1): 19-23
11. (vii) The article titled “Kinetic and Isotherm Studies of Methyl Violet Adsorption onto Carbonized Waterlily ( *Nymphaea lotus*) Leaves Powder” by the authors Abdullahi Muhammad Ayuba, Hamisu Abdulmumin, Mohammed Mukhtar Mohammed and Solomon Daniel has been accepted and published by Path of Science Journal, 2023, 9(2-3): 3001-30014
12. (viii) The article titled “Phytochemical Screening and antimicrobial potential of Sterculia Setigera extract against some pathogenic microorganisms” by the authors Mohammed M. Mohammed, H.M. Adamu, Solomon Daniel, Auwal S. Noma and Hamisu Abdulmumin has been accepted and published by Garu Academic Journal in Volume 3, No: 1, of June 2023.
13. (ix) The article titled “Phytochemical Analysis and Thin-Layer Chromatographic Techniques on the stem bark of Sterculia Setigera” by the authors Mohammed, M. M, Zubairu, I. H, Solomon, D, Auwal, S.Noma, Yohanna, G.B, Olademeji, R.U and Hamisu A. has been accepted and published by Garu Academic Journal in Volume 3, No: 1, of June 2023.
14. (x) The article titled “Purification and Characterization of Extracts from the Stem Bark of Sclerocarya birrea by the authors M.M. Mohammed, H. M. Adamu, L. A. Magashi, A. Sarkinnoma, S. Daniel, R. M. Zakiyya, S. Aisha has been accepted and

published by International Journal of Modelling and applied Science research  
published by Cambridge Research and Publications in Vol. 28 No. 9, June, 2023.

#### SECTION I: COMMUNITY SERVICES

1. Member, Mosque Steering Committee, Abubakar Tatari Ali Polytechnic, Bauchi. 10/03/2012.
2. Member, Central Admin Mosque Staff Committee, Abubakar Tatari Ali Polytechnic, Bauchi. 30/06/2011.
3. Member, Ad-hoc Committee of ATAP Central Mosque Steering Committee, Abubakar Tatari Ali Polytechnic, Bauchi. 13/02/2012.
4. Certificate of Merit as Assistant Sect., MCAN Niger State Chapter, Batch B, 2006/2007 Service Year.
5. Certificate of Merit as Member, NYSC Adult/Mass Literacy Unit, NYSC Kontagora Zone Niger State, Batch B, 2006/2007 Service Year.
6. Member, League of Patriotic Youths (LPY), MLPY. 28/11/2016.
7. Certificate of Service to Islam by M.S.S Govt.Sen.Sci.Sec.Sch. UBA as Qur'anic Reciter in the 1998/1999 Session.
8. Board member of Raudat International School, Gida Dubu New Extension, Bauchi. 2021 to Date.
9. Two times as Publicity of ASUP ATAP Bauchi
10. Two times as Publicity Secretary of Chemical Society of Nigeria, Bauchi Chapter

#### SECTION J: AWARDS

1. Award Certificate as Best P.C of the Year 2015 by Gamji Memorial Club, ATAP Branch.
2. Award of Honor as Hard Working Lecturer of the Year 2016 in Science Laboratory Department by National Association of Science Laboratory Technology Students of Nigeria (NASLTSN) ATAP Branch.

#### SECTION K: RESEARCH INTEREST

Medicinal and Natural Products Chemistry with much interest on Extraction, Phytochemical Screening of phenolics metabolites, NMR Profiling, LC-MS/MS Profiling, Metabolomics, Purification, Anti-microbial activities, Antioxidant and Hepatoprotective activities, Spectroscopic techniques and Structural Elucidation using NMR, IR, UV, HPLC and LC-MS.

## SECTION L: NAMES AND ADDRESSES OF REFEREES

1. Dr. Hashim Sabo Bello

Ag. Rector,

Abubakar Tatari Ali Polytechnic, Bauchi

P.M.B 0094, Bauchi, Bauchi State, Nigeria

Email: [hashimsabo@gmail.com](mailto:hashimsabo@gmail.com)

GSM: +2348032926715, +2348089692957

2. Prof. H. M. Adamu

Department of Chemistry,

Abubakar Tafawa Balewa University Bauchi, Bauchi State, Nigeria.

Email: [hmadamu65@gmail.com](mailto:hmadamu65@gmail.com)

GSM: +2348068587570

3. Prof. M.Y Adamu, mni

Abubakar Tafawa Balewa University Bauchi, Bauchi State, Nigeria

Email: [magjiadamu78@yahoo.com](mailto:magjiadamu78@yahoo.com)

GSM: +2347063671413