**SAMAILA Yakubu** (M.Sc, B.Tech, N.C.E, Mathematics Education)

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**PERSONAL PROFILE STATEMENT**

A dedicated and results-driven Mathematics Lecturer with 11 years of teaching experience in tertiary education, specializing in instructing both undergraduate and NCE students. Passionate about fostering critical thinking and problem-solving skills, I am committed to delivering high-quality education through innovative teaching methodologies. With a strong foundation in mathematical research and curriculum development, I actively engage students in both theoretical and applied mathematics. Seeking an opportunity to contribute expertise, enhance academic excellence, and collaborate with a dynamic institution that values excellence in education and research.

**ACADEMIC QUALIFICATIONS**

**Master of Science in Mathematics Education (M.Sc. Ed Mathematics)**
University of Jos, Plateau State, Nigeria 2021

CPA: 4.00

**Bachelor of Technology in Mathematics Education (B.Tech Ed Mathematics)**
Federal University of Technology Minna, Niger State, Nigeria 2013

* Second Class Honors (Lower Division)

**National Certificate in Education (N.C.E) Mathematics and Computer Science Education**
Federal College of Education (Technical) Potiskum, Yobe State, Nigeria 2006

* Credit Level

**National Business and Technical Examinations Board (NABTEB) – 8 Credits**
Senior Science and Technical College Potiskum, Yobe State, Nigeria 2008

**Primary School Leaving Certificate**
Garin Bingel Primary School, Potiskum Local Government, Nigeria 1992

**TEACHING EXPERIENCE**

**Umar Suleiman College of Education, Gashua, Yobe State, Nigeria**

**Lecturer (Undergraduate Level) | 2019 – Present**

* Linear Algebra I, Real Analysis II, Set Theory, Mathematical Method IV, Fourier Analysis

**Lecturer (NCE Level)**

* Differential Equations, Integral Calculus, Statics, problem-Solving, Number Theory, Statistics, Introduction to Computer, Coordinate Geometry (among others)

 **RESEARCH AND PUBLICATIONS**

**Published Journal Articles**

1. Yakubu, S., Yaki, S., & Joel, C. (2024). Enhancing problem-solving skills in Nigeria Certificate in Education (NCE) I students through interactive learning strategies at the College of Education, Akwanga, Nasarawa State, Nigeria. *International Journal of Assessment and Evaluation in Education.* Available online.
2. Kimjal, Z., & Yakubu, S. (2024). Analyzing the effectiveness of emerging technologies, such as augmented reality (AR) and virtual reality (VR), in enhancing 200-level Linear Algebra I at the University of Jos, Plateau State, Nigeria. *International Journal of African Innovation and Multidisciplinary Research.* Available online.
3. Kimjal, Z. P., Yakubu, S., & Yilteh, S. C. (2024). The role of mathematical modeling in enhancing 200-level student understanding of real analysis in Federal College of Education Pankshin, Plateau State, Nigeria. *Rima International Journal of Education (RIJE),* 3(3), 77-89. ISSN: 2756 – 6749. Available online.
4. Yakubu, S., et al. (2021). Effect of computer-assisted instruction (CAI) on achievement of senior secondary two mathematics students in Potiskum Local Government Area, Yobe State, Nigeria. *International Journal of Research in Science, Technology, and Mathematics Education (IRSTME),* 7(1), 107-112.
5. Yakubu, S., et al. (2024). Effect of inquiry-based learning approaches on the teaching of number theory in Umar Suleiman College of Education, Gashua, Yobe State, Nigeria. *Nigerian Journal of Science, Technology, Engineering, and Mathematics Education (NJOSTEME),* 1(2), 222-225.
6. Yakubu, S., et al. (2024). Gender disparities in mathematics education: Strategies for promoting equity in Umar Suleiman College of Education, Gashua, Yobe State, Nigeria. *Nigerian Journal of Science, Technology, Engineering, and Mathematics Education (NJOSTEME),* 1(2), 228-232.
7. Yakubu, S., et al. (2024). Influence of psychosocial factors on academic performance of year three students of statics in Umar Suleiman College of Education, Gashua, Yobe State, Nigeria. *International Journal of Multidisciplinary Research in Science, Technology, and Innovation (IJMRSTI),* 2(1), 1-8.
8. Dewan, J. C., Danladi, S. R., & Yakubu, S. (2018). Developing entrepreneurial skills through mathematics education: Prospects for economic growth. *CACTUS: A Multi-Disciplinary Journal of Academic Staff Union of Polytechnic, Plateau State Polytechnic Chapter,* 1(4), 49-55.
9. Yakubu, S., Dewan, J. C., & Daguzuk, T. P. (2019). The influence of parents’ socio-economic background on NCE I students’ academic achievement in coordinate geometry in Umar Suleiman College of Education, Gashua, Yobe State. *Nigerian Journal of Science, Technology, Engineering, and Mathematics Education (NJOSTEME),* 1(2), 113-115.
10. Yakubu, S., & John, M. G. (2019). The roles of mathematics teacher education for sustainable development in Yobe State. *Nigerian Journal of Science, Technology, Engineering, and Mathematics Education (NJOSTEME),* 2(3), 168-174.
11. Attah, B. G., & Yakubu, S. (2021). Effect of fact fluency card strategy using computational fluency for improvement of achievement in mathematics among primary school pupils in Jos Metropolis, Plateau State, Nigeria. *KIU Journal of Humanities,* 6(1), 271–284. Available online

**CONFERENCES AND WORKSHOPS ATTENDED**

* **National Mathematics Centre Abuja, Nigeria:** *An International Center of Excellence in Mathematical Science* (July 13 – August 11, 2008)
* **1st International Conference on Education and Modern Technologies: Impact & Prospects in STEM** (March 2 – 5, 2020), University of Jos, Nigeria.

**PROFESSIONAL SKILLS**

* **Expertise in** educational research development.
* **Knowledgeable in** ICT-based teaching methods for mathematics education and educational research development.
* **Strong ability to** simplify complex mathematical concepts for learners.
* **Proficient in** data analysis using SPSS for educational research and statistical interpretation.

**HOBBIES AND INTERESTS**

* Reading academic books and journals
* Solving mathematical problems
* Socializing with colleagues and family

**REFEREES**

**Rev. Othniel Wakili**

Head of discipleship Unit

ECWA Headquaters, Jos,

Plateau State.

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