

CURRICULUM VITAE

HOME ADDRESS: NO 4B Bauchi Rd Kulende Housing Estate,Sango, Ilorin, Kwara State.
Nigeria.

PERSONAL DATA

- **Name:** **JAIYEOLA, Sefinat Bola**
- **Date of Birth:** 4th April, 1977
- **Nationality:** Nigerian
- **State:** Kwara
- **Sex:** Female
- **Local Government Area:** Offa
- **Marital Status:** Married
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Educational Institution Attended with Dates:

- University of Ilorin. 2013-2018
- Ahmadu Bello University, Zaria . 2005-2010
- Ahmadu Bello University, Zaria. 1998-2002
- CTI Computer Institute, Zaria. 2001-2002
- Girls High School, Gindiri, Jos. 1991-1996
- Ahmadu Bello University Staff School, Zaria. 1985-1990

Pure Academic Qualifications with Dates:

- **Ph.D (Mathematics)** 2018
- **M.Sc. (Mathematics)** 2010
- **NYSC Discharged Certificate** 2003

- **B.Sc. (Mathematics)** 2003
- **Senior School Certificate Examination (WAEC)** 1996
- **Primary School Leaving Certificate** 1990

Membership of Learned Society

Nigerian Women in Mathematics (NWM)	Member
Mathematical Association of Nigeria (MAN)	Member.
Nigerian Mathematical Society (NMS)	Member

Work Experience with Dates:

(a) Teaching Experience:

- i. Al-Hikmah University, Ilorin, Kwara State. 2015-till date

Responsibilities: Assistant Lecturer

- ii. Al-Hikmah University, Ilorin, Kwara State. 2013-2015

Responsibilities: Associate Lecturer

- iii. Abdur-Raheem College of Advance Studies Igbaja, 2013-2015

(An Affiliate of Al-Hikmah University, PMB 1601, Ilorin), Kwara State.

Responsibilities: Assistant Lecturer

- iv. SAT Training Institute, Yaba, Lagos. 2004-2005

Responsibilities: Advanced Mathematics Teacher

- v. WEBBART Communications, Bauchi. 2003-2004

Responsibilities: Computer Instructor

- vi. Federal Government Girls' College, Bauchi. 2003-2004

Bauchi LGA, Bauchi State (NYSC)

Responsibilities: Mathematics Teacher

(b) Administrative Experience

- i. Level Adviser, Department of Physical Sciences, Al-Hikmah University, Ilorin, Nigeria. 2018-till date
- ii. Departmental Secretary, Department of Physical Sciences, Al-Hikmah University, Ilorin, Nigeria October, 2016-2018.
- iii. Secretary to the Faculty of Natural Sciences Welfare Ad-Hoc Committee, March, 2016.
- iv. Head of Department, Department of Mathematics, ACAS Igbaja. 2013-2015.
- v. Level Adviser, Department of Mathematics, ACAS Igbaja. 2013-2015.

Courses Taught:

1. *Algebra and Trigonometry*
2. *Vectors, Mechanics and Geometry*
3. *Differential Calculus*
4. *Mathematical Methods*
5. *Linear Algebra I*
6. *Linear Algebra II*
7. *Introduction to Real Analysis*
8. *Abstract Algebra I*
9. *Abstract Algebra II*
10. *Theory of Differential equation*
11. *Measure Theory*

Supervision of project students

1. Adegboye, Suliat. (2017), Slip Velocity and Poiseuille Blood Flow through a Composite Catheterized Stenosed Artery.

Unpublished Research works:

1. Central Forces: Two-body Problem (2002)
2. Application of Computer in Maintaining Staff Record [a case study of ABUTH Zaria] (2002)
3. Effect of Perturbations, Radiation and Triaxiality on the Stability of Libration Points in the Restricted Three- body Problem (2010)
4. Effect of perturbations in the Coriolis and Centrifugal forces on the Stability of Generalized Photo-gravitational Restricted Three-body Problem (2018)

Published Journal papers:

1. **Jaiyeola, S. B., Abdulraheem, A. and Titiloye, E. O. (2016)**
Effects of Poynting-Robertson Drag and Oblateness on the Stability of Photogravitational Restricted Three-Body Problem.

Advances in Astrophysics, (2016), 1(1); 36-46 DOI: 1022606/adap 2016 11004

2. Braimah, O.J., **Jaiyeola, S.B.**, Edokpa, I.W. and Rabi, M. (2016)
p-Value Cumulative Sum (CUSUM) Chart: A Tool for Monitoring Inflation Rate
Al-Hikmah Journal of Pure & Applied Sciences, (2016), 2(2): (2016): 106–113
3. Braimah, O.J., **Jaiyeola, S.B.**, Musa, R. and Ibrahim, S.A. (2015)
Effect of Sampling Errors on Single Sampling Plan Rectifying Inspection.
Al-Hikmah Journal of Pure & Applied Sciences, 2(1): 62-69
4. **Akere-Jaiyeola S.B.**, Jagadish, S., Abdulraheem, A. and Braimah, O. J. (2015) On the Effect of Perturbations, Radiation and Triaxiality on the Stability of Triangular Liberation Points in the Restricted Three Body. Problem. *IOSR Journal Of Mathematics (IOSR-Jm) E-Issn: 2278-5728, P-Issn: 2319-765x, 11(4): 69-79.*

Conferences and Workshops Attended

1. 37th Annual Conference of the Nigerian Mathematical Society (NMS). Bayero University Kano, Kano State. May, 2018.
Theme: Mathematics: A Veritable Tool for Solving Socio-Economic, Scientific and Technological Challenges.
2. Workshop for Academic Staff of Al-Hikmah University Ilorin-Nigeria. February, 2018.
Theme: Basic Teaching and Assessment Skills for Lecturers in Al-Hikmah University.
3. 5th U6 International Conference, Kwara State University, Ilorin, Kwara State. October, 2017.
Theme: Resolving Developmental Challenges of Africa Using Multi-disciplinary Research.
4. 1st Biennial Conference for Nigerian Women in Mathematics (NWM) in conjunction with Nigerian Mathematical Society (NMS). May, 2017
Theme: The impact of Nigerian Women in Mathematics on Economic Development.
5. 35th Annual Conference for Nigerian Mathematical Society (NMS). Federal University Minna, Niger State. May, 2016
Theme: A Tool for Veritable Change.
6. Workshop for Academic Staff of Al-Hikmah University Ilorin-Nigeria. October, 2015
Theme: Pedagogical Principles, Methods and Techniques.
7. Seminar /Workshop organized for Academic Staff of Abdul-Raheem College of Advance Studies Igbaja. July, 2015
Theme: towards excellence in teaching and research.
8. 51st Annual Conference for the Mathematical Association of Nigeria, University of Ilorin. Kwara State. August, 2014
Theme: Mathematics Education for Sustainable Development.

Community Service/ Administrative Experience

- National Youth Service Corp (NYSC). (2004)
- Member, Women Trafficking and Child Labour Eradication Foundation (WOTCLEF), Bauchi chapter (Nigeria). (2004).
- Member, Audit Committee, National Association of Mathematics Students, ABU, Zaria, Nigeria. (2000).

Hobbies: Reading

REFEREES:

- i. **Prof. Jagadish Singh:**
Department of Mathematics,
Faculty of Science,
Ahmadu Bello University,
Zaria.
(08054843569)
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- ii. **Dr. Abdulrazaq AbdulRaheem:**
Department of Mathematics,
Kwara State University Malaete,
Ilorin.
(08035969549)
abdulrazaq.abdulraheem@gmail.com
- iii. **Prof. K.O. Lawal:**
Department of Physics,
Ahmadu Bello University,
Zaria.
(08037009876).
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