**OLABISI ONABANJO UNIVERRSITY AGO-IWOYE, NIGERIA**

**CURRICULUM VITAE**

1. **PERSONAL DATA**
2. **Full Name : Olubanwo, Oludapo Omotola**

**2. Department:** Mathematical Sciences

**3. Faculty:** Science

**4. Date/ Place of Birth:** 31st October, 1979, Ago Iwoye

**5. Nationality:** Nigerian

**6. Marital Status:** Married

**7. Number of Children:** 2 (3years 8months, 1years 5months)

**8. Name and Address of Spouse:** Mrs Abiola Eunice Olubanwo

May Flower Private School, Ikenne Remo

**9: Name and Address of Next of Kin:** Mrs Abiola Eunice OlubanwoMay Flower Private School, Ikenne Remo

**10. Date of First Appointment with The University:** 24th July, 2012

**11. Status of First appointment and Salary:** Graduate Assistant, Conuass 1step 2

**12. Present Position:** Lecturer II, Conuass 3 step 1

**13. Total Number of Years of Teaching and Research:**

**(a) Polytechnic/ College of Education:** Nil

**(b) University:** 5years 6months

**14. E-mail Address:** olubanwo.oludapo@oouagoiwoye.edu.ng

1. **EDUCATIONAL BACKGROUND**

1. **Academic Qualifications/Institutions Attended with Dates**

1. B.Sc (Hons.) Mathematics, Olabisi Onabanjo Univeristy, Ago-Iwoye. 2007

ii. M.Sc. Mathematics, University of Ibadan, Ibadan. 2013

1. **Current Higher Degree Programme Registered for**

Ph.D Mathematics, Olabisi Onabanjo University, Ago-Iwoye 2014-Date

1. **WORK EXPERIENCE**
2. **Previous Work Experience Outside the University System**
3. Basaura Institute of Comprehensive Education, Birnin Kebbi, Mar.2008-Feb.2009

Kebbi State. (NYSC)

1. Methodist Comprehensive High School (Mission), Ago-iwoye Sep.2009-Jan.2010

(Post: Matherematics Teacher)

Isara Secondary School, Isara Remo, Ogun State. Feb.2010- July2012

(Post: Matherematics Teacher)

1. **Details of Professional Experience at Olabisi Onabanjo University**
2. **Work Experience at Olabisi Onabanjo University, Ago Iwoye**
3. Graduate Assistant 2012-2013
4. Assistant Lecturer 2013-2016
5. Lecturer II 2016- Date

**Duties: Teaching Research and Administrative**

**Harmattan Semester 2014/2015**

**Course Course Title Unit**

MAT 101 Elementary Mathematics I 3

MAT 203 Set Logic and Real number System 3

MAT 207 Elementary Mechanics 3

**Rain Semester 2014/2015**

**Course Course Title Unit**

MAT 102 Elementary Mathematics II 3

MAT 104 Elementary MathematicsIII 3

MAT 204 Real Analysis I 3

GNS 102 Study Skills and ICT 2

**Harmattan Semester 2015/2016**

**Course Course Title Unit**

MAT 101 Elementary Mathematics I 3

MAT 203 Set Logic and Real number System 3

MAT 303 Metric Space Topology 3

**Rain Semester 2015/2016**

**Course Course Title Unit**

MAT 104 Elementary Mathematics III 3

MAT 310 Discrete Mathematics 3

GNS 102 Study Skills and ICT 2

**Harmattan Semester 2016/2017**

**Course Course Title Unit**

MAT 101 Elementary Mathematics I 3

MAT 201 Mathematical Method I 3

MAT 207 Elementary Mechanics 3

**Rain Semester 2016/2017**

**Course Course Title Unit**

MAT 104 Elementary Mathematics III 3

MAT 204 Real Analysis I 3

MAT 310 Discrete Mathematics 3

GNS 102 Study Skills and ICT 2

**Harmattan Semester 2016/2017**

**Course Course Title Unit**

MAT 201 Mathematical Method I 3

MAT 207 Elementary Mechanics 3

MAT 303 Metric Space Topology 3

1. **On-Going Research:**
2. Wavelet Theory, Analysis Applications
3. Bernstein Polynomial, Analysis and Applications
4. Laplace Decomposition Methods of solving Differential Equations
5. **Adiministrative Functions and Contributions to the University**
6. Departmental Secretary 2013-2014
7. Assistant Course Adivsor 2013-Date
8. Departmental Library Officer 2014-2016
9. Departmental Time table Officer 2016-2017
10. Departmental Secretary 2017-Date
11. **Administrative Functions & Contributions (Outside the University)**

Member Ipari Oke Development Association 2000-Date

President, Ipari Oke Rising Movement 2014-Date

Treasurer 2016 Ipysiari Oke Day planning Committee 2016

1. **Membersip and Registration with Professional Bodies**
2. Member, Nigerian Association of Mathematical Physics (NAMP)
3. Member, Nigerian Mathematical Society (NMS)
4. **PUBLICATIONS**

**I. Dissertations**

i. Stability of an Ordinary Differential Equations by Lyapunov method. Undergraduate Final Year project. Olabisi Onabanjo University, Ago Iwoye, 2007

ii. Psi-Bounded Solutions For a Lyapunov Matrix Differential Equations. M.Sc. Thesis, University of Ibadan.

1. **JOURNALS**
2. O. S. Odetunde and **O. O. Olubanwo** (2012): Approximate solution of Fractional Integro-differential Equations of order  1 By an Iterative Decomposition Method, African Journal of Pure and Applied Science, Olabisi Onabanjo University, Ago Iwoye. 2(2), 115-120.
3. S.E Fadugba, S.C Zelibe, C. Achudume, **O.O. Olubanwo** (2014): On Statistical Analysis of Water Pollution in Youghurt Industry, South West, Nigeria, Global Advanced Research Journal of Physical and Applied Sciences Vol.3(1) Pp.001-007.
4. O. S. Odetunde Z. O. Ogunwobi and **O. O. Olubanwo** (2014): Approximate solution of nth-Order Initial value problems by an Iterative Decomposition Method, Journal of the Nigerian Association of Mathematical Physics Vol.27 Pp 7-12
5. O. S. Odetunde and **O. O. Olubanwo** (2012): A Decomposition Algorithm for the solution of Fractional Biological Population model with Caputo Derivatives. Journal of the Nigerian Association of Mathematical Physics Vol.27 Pp 101-108.
6. O. S. Odetunde, Y.A. Fasasi, **O.O. Olubanwo** (2016): An Approximation Technique for Nolinear Fractional Initial value problems with Caputo derivatives. African Journal of Science and Nature, Olabisi Onabanjo University, Ago Iwoye. Vol.2, 41-47
7. **O.O. Olubanwo**, Z.O Ogunwobi and R.A. Soneye (2016): Solutions of Second order Nonlinear singular initial value problems by modified laplace decomposition method. LAUTECH Journal of Engineering and Technology. 9(1) 2015: 105-115.
8. O.S. Odetunde, **O.O. Olubanwo** (2017): Numerical solution of fractional Relaxation-Oscillation equation by a decomposition Method. African Journal of Science and Nature, Olabisi Onabanjo University, Ago Iwoye. Vol.4, 2017, 98-104.
9. **Olubanwo O.O.** (2017): Introductory Mathematics for University Students Vol.1 Edited by Usman M.A, Odetunde O.S., Ogunwobi Z.O and Hammed F.A
10. **Conferences Attended with Dates**
11. 25th Annual Colloqium and Conference of Nigerian Association of Mathematical Physics (NAMP) Held at Olabisi Onabanjo University, Ago Iwoye, Ogun State (4th-7th Nov., 2014).
12. 1st International Conference of Faculty of Science, Olabisi Onabanjo University, Ago Iwoye, Ogun State between May 15th and 19th, 2017.
13. **Contribution to National and International Life**
14. Within th**e** University
15. Outside the University
16. Maintenance of law and order.
17. **Contributions to Knowledge**

Numerical solution of some Nonlinear Differential Equations of Mathematical physics.

Numerical approximation of fractional differential equation models by an iterative decomposition method. Numerical solution of second order Nonlinear singular initial value problems by modified laplace decomposition method.