

# THE OKE OGUN POLYTECHNIC, SAKI

## ACADEMIC STAFF CURRICULUM VITAE FOR YEAR 2015

### ANNUAL ASSESSMENT

#### SECTION A: PERSONAL DATA

<b>ACADEMIC STAFF FILE NO:</b>	<b>TOPS/PER/534</b>
1. <b>NAME (SURNAME FIRST):</b>	OLAYIWOLA, MALIK ADEKUNLE
2. <b>DATE OF BIRTH:</b>	1 <sup>ST</sup> MARCH, 1969
3. <b>NATIONALITY/STATE OF ORIGIN:</b>	NIGERIAN, OYO STATE
4. <b>MARITAL STATUS:</b>	MARRIED
5. <b>NUMBER OF CHILDREN &amp; AGES:</b>	FIVE : 13,10 7, 3 AND 3 YEARS
6. <b>NAME AND ADDRESS OF NEXT OF KIN:</b>	MRS ABDUL GANIY RUKOYA P. O. BOX 5, SANNGO, SAKI, OYO STATE.
7. <b>CONTACT ADDRESS:</b>	THE POLYTECHNIC, IBADAN, SAKI CAMPUS, P.M.B. 021, SAKI.
8. <b>E-MAIL ADDRESS/TELEPHONE NO:</b>	<a href="mailto:olayiwola.adekunle@hotmail.com/">olayiwola.adekunle@hotmail.com/</a> 08072727262
9. <b>FACULTY/ CAMPUS:</b>	SCIENCE, SAKI CAMPUS.
10. <b>DEPARTMENT:</b>	MATHEMATICS & STATISTICS
11. <b>DATE &amp; GRADE OF FIRST APPOINTMENT:</b>	22 <sup>ND</sup> APRIL, 1998(EUSS 7 STEP02 ) ASST. LECTURER
12. <b>DATE &amp; GRADE OF LAST PROMOTION</b>	1 <sup>ST</sup> OCT. 2011/ SENIOR LECTURER
13. <b>PRESENT SALARY:</b>	CONTISS 13 STEP 3
14. <b>DATE &amp; GRADE OF CURRENT APPOINTMENT:</b>	SAME AS ABOVE
15. <b>HAS APPOINTMENT BEEN CONFIRMED YES/NO:</b>	YES
16. <b>DATE OF CONFIRMATION:</b>	22 <sup>ND</sup> APRIL, 2001

## SECTION B

### QUALIFICATIONS AND EXPERIENCE:

**1. SCHOOLS/INSTITUTIONS ATTENDED WITH DATES**

	SCHOOL ATTENDED	DATES
1	UNIVERSITY OF IBADAN	2004 – 2009
2	FED. UNIVERSITY OF TECHNOLOGY, AKURE	1990 – 1997
3	ANSAR – UD – DEEN HIGH SCHOOL, SAKI	1987 – 1988

**2 ACADEMIC QUALIFICATIONS WITH DATE:**

	UNIVERSITY DEGREE/DIPLOMA	CLASS (if any)	INSTITUTION	DATES OF AWARD
1	M.Sc. MATHEMATICS	PhD Grade	UNIVERSITY OF IBADAN	15 <sup>th</sup> Jan, 2010
2	B. TECH. INDUSTRIAL MATHEMATICS	SECOND CLASS LOWER	FED. UNIVERSITY OF TECH. AKURE	28 <sup>th</sup> May, 1997
3	WEST AFRICAN SCHOOL CERTIFICATE	PASS	AUD HIGH SCHOOL, SAKI	1988

**3. PROFESSIONAL QUALIFICATION: NIL**

**4. WORK EXPERIENCE**

**(a) TEACHING EXPERIENCE**

EMPLOYER AND ADDRESS	DESIGNATION	SUBJECT TAUGHT	DATE
THE OKE OGUN POLYTECHNIC SAKI	LECTURER	MATHEMATICS, COMPUTER, STATISTICS & RESEARCH METHOD.	2014 TO DATE
THE POLYTECHNIC ,IBADAN.	LECTURER	MATHS, COMPUTER & RESEARCHMETHOD.	1997-2014
LAUTECH DISTANCE LEARNING SAKI CENTER	PART-TIME LECTURER	QUANTITATIVE TECHNIQUES, MGT. INFORMATION SYSTEM	2010 TO DATE
AISHAT COMPUTER TRAINING CENTER	PART-TIME TEACHER	D BASE	1998-1999

**(b) COURSES TAUGHT IN THE CURRENT ACADEMIC YEAR:**

- |                                |         |
|--------------------------------|---------|
| i. NUMERICAL ANALYSIS          | MTH 321 |
| ii. INTRODUCTION TO STATISTICS | STA 111 |
| iii. BUSINESS MATHS            | MTH 132 |

iv. RESEARCH METHODS	BAF 217
v. INTRODUCTION TO COMPUTER	COM 111
vi. CALCULUS	MTH 211
vii. ADVANCED CALCULUS	MTH 321
viii. LOGIC & LINEAR ALGEBRA	MTH 111
ix. MANAGEMENT INFORMATION SYSTEM	BAM326
x. QUANTITATIVE TECHNIQUES	BAM 321

**(c) PROFESSIONAL WORK EXPERIENCE :- NIL**

**(d) ADMINISTRATIVE EXPERIENCE**

ASSIGNMENT	DATE
i. Exam Officer (General Studies)	- 1988- 2001
ii. Exam officer (SLT)	- 2003- 2010
iii. Time Table committee (Member) SLT	- 2005- 2010
iv. Campus Seminar /Conference committee (Member)	- 2003- 2010
v. Campus Sport committee (Member)	- 2003-2015
vi. Time Table committee (Member) (Math & Stat)	- 2013-2015
vii. Institutional Monitoring Committee (Member)	- 2014-2015
viii. Head of Unit	- 2015-To Date
ix. Faculty Journal Board Rep(Member)	- 2015-To Date
x. Academic Programme Advisory Com.(Chairman)	- 2015-To Date

**(e) MEMBERSHIP OF PROFESSIONAL BODIES/LEARNED SOCIETIES**

- i. Member of Nigerian Mathematical Association
- ii. Member of Nigeria Taekwondo

## SECTION C

### RESEARCH/ PROJECT/ INVENTION/ INNOVATION/ DESIGN

**1. RESEARCH IN PROGRESS/BRIEF DESCRIPTION(if any with date):-**

- i. Modification of Black - Scholes Models

In the modification of Black-Scholes, we let  $r$  denote the continuous dividend yield which is known. Thus, holder receive a dividend,  $q$  within the time interval  $[t, t + \Delta t]$ . The share value is lowered after the dividend payout so that the expected rate of return  $\mu$  of a share becomes  $\mu - q$  by the continuous dividend yield  $q$ . The Geometric Brownian motion model becomes  $dS = (\mu - q)S dt + \sigma S dz$ . The continuous yield model is extremely useful to option on foreign

currencies where the continuous dividend yield can be considered as the yield due to the interest ear

ii. A Note On Mathematical Modeling in Weaving Processes

A simple theory for calculating the weight of any fabric (cloth) material in advance and its application to local weaving is discussed. We wish to employ a suitable flow chat for computer program to aid programming in order to obtain the calculation, thus making it possible to investigate several design method.

2. **PROJECT/INVENTION etc: - Nil**

3. **PUBLICATIONS/EXHIBITION/DESIGNS**

i. **Dissertation/Thesis**

1. **Olayiwola, M.A. (2009):** “Cash Flow Valuation in discrete and continuous Time” (MSc. Thesis).

2. **Olayiwola, M.A (1997):** “Application of Linear Programming to Small scale Farming” (B.Tech. Thesis)

ii. **Books or Monographs:**

1. **Olayiwola, M.A.,** Olabode B.O., Ajibola, S.A., Tihamiyu, R.A. (2006): “research Methods (Introduction to Quantitative Techniques)”. Ibadan, Real Success Consults.

2. **Olayiwola M.A. (2007):** “Essentials of computer”. Ibadan Real Success Consults.

3. **Olayiwola M.A (2007):** Introduction to Applied Calculus”. Ibadan Real Success Consults.

iii. **Published Journal Articles**

1. OLAWUMI, S. O., SIKIRU I. O., AKINLABI O. A. & OLAYIWOLA M. A (2013) **Measuring Administration Efficiency and Performance of Nigerian Commercial Banks.** *The Interlink Journal (A Multidisciplinary Journal) Vol. 1, No. 2, Pp 87 – 99*

2. ONI N. O., OLAYIWOLA M. A. & FASASI S. K. (2013) **Determination of Appropriate Sample Size in Survey Research.** *The Interlink Journal (A Multidisciplinary Journal) Vol. 1, No. 2, Pp 63 – 73*

3. **OLAYIWOLA, M.A.,** OLAWUMI S.O. & BELLO A.H.: (2013) **Cash Flow Valuation Model in Continuous Time** *IOSR Journal of Mathematics (IOSR-JM)e-ISSN:2278-5728, p-ISSN:2319-765X, Volume 7, Issue 3, Pp 12- 18*

4. ONI, N.O.,OLAYIWOLA, M.A., OLANIYAN, M.F., ADEWUMI, S.A.,

ADEPOJU, J.A. (2012): **Diabetics Mellitus and Hypertension: A Statistical Appraisal**. GE

5. ONI, N.O., RAJI, M.T, **OLAYIWOLA, M.A**, ADENIRAN. P.O & FASASI. S.K:  
(2013) **The Impacts of Information And Communication Technology (ICT)  
On The Teaching And Learning Science And Mathematics For Sustainable  
Development**. *IOSR Journal of computer engineering (IOSR-JCE)* e-ISSN:  
2278-0661, p-ISSN:2278-8727, Volume 12, Issue 1, pp 01- 03
6. ONI, N. O., **OLAYIWOLA, M. A.** & ADENIRAN, E. G. (2009): **Linear  
Programming: An Optimum Plan for Nigerian Commercial Banks**. *Journal  
of Research in Bioscience*, Volume 6, No 1, Pp. 26-33.
7. ONI, N. O., **OLAYIWOLA, M. A.** & BABATUNDE, K. M. (2009):  
**Application of Linear Programming Method to Small Scale Farming in Saki  
West Local Government**. *Journal of Scientific and Industrial Studies*, Volume 7,  
No. 2, Pp. 14-20.
8. ONI, N. O., **OLAYIWOLA, M. A.** (2008): **Sampling Frames as Indispensable  
Tools in the Conduct of Census and Surveys in West African Countries**.  
*Journal of Social and Policy Issues*, Volume 5, No 3, Pp. 53-59.

iv. **Papers Already Accepted for Publication: - Nil**

v. **Exhibitions/Designs/Projects/Invention etc: - Nil**

vi. **Others Work of Relevance: - Nil**

4. **CONFERENCES, WORKSHOPS ATTENDED WITH VENUE, DATE AND PAPER PRESENTED (if any).**

1. **OLAYIWOLA M.A.** & JIMOH A. R (2014):  
Conference: - 3<sup>rd</sup> Faculty of Science National Conference  
Venue: - Assembly Hall, The Polytechnic Ibadan  
Date: - 8<sup>th</sup> – 12<sup>th</sup> June, 2014.  
Paper Presented: - *Linear Programming Model for Optimum Farm Plan.*
2. **OLAYIWOLA M.A.**, ONI N.O & OSUNTOKI N.B (2014):  
Conference: - 3<sup>rd</sup> Faculty of Science National Conference  
Venue: - Computer Literacy Centre, The Polytechnic Ibadan  
Date: - 8<sup>th</sup> – 12<sup>th</sup> June, 2014.  
Paper Presented: - *A Differential Model of Diabetes Mellitus*
3. **OLAYIWOLA M.A.**, ONI N.O & OSUNTOKI N.B (2014):  
Conference: - 3<sup>rd</sup> Faculty of Science National Conference  
Venue: - Computer Literacy Centre, The Polytechnic Ibadan

Date: - 8<sup>th</sup> – 12<sup>th</sup> June, 2014.

Paper Presented: - *Chebyshev Polynomials in Multistep Collocation Methods for Stiff Initial Value Problems.*

4. ONI, N.O, **OLAYIWOLA M.A** & OLAAWUMI S.O, (2013) :  
Conference: - 1<sup>st</sup> International Conference on Vocational Skills Acquisition, Technical sEducation and Entrepreneurship for Poverty Alleviation and Sustainable Development organized by Vocational Skills and Entrepreneurship study Center (VSESC)  
Venue: - Assembly Hall North Campus, The Polytechnic Ibadan  
Date: - 10<sup>th</sup> – 14<sup>th</sup> June 2013.  
Paper Presented: - *Entrepreneurship education: gateway to poverty Alleviation and sustainable development in Nigeria*
  
5. OSENI B.A, AJIBADE A.D, SHONUBI T.A, OJOAWO A.O,**OLAYIWOLA M.A** & RAJI M.T (2013):  
Conference: - 2<sup>nd</sup> Faculty of Science National Conference  
Venue: - CEC Room, The Polytechnic Ibadan  
Date: - 2<sup>nd</sup> – 6<sup>th</sup> June, 2013.  
Paper Presented: - *Simulating statistical distribution in basic programming language with applications*
  
6. **OLAYIWOLA M.A**, OLAWUMI S.O & BELLO A.H (2013):  
Conference: - 2<sup>nd</sup> Faculty of Science National Conference  
Venue: - CEC Room, The Polytechnic Ibadan  
Date: - 2<sup>nd</sup> – 6<sup>th</sup> June, 2013.  
Paper Presented: - *Black-Scholes Model for Option Pricing on Multiple Asset*
  
7. **OLAYIWOLA M.A**, ONI N.O & OLAWUMI S.O. (2013):  
Conference: - 2<sup>nd</sup> Faculty of Science National Conference  
Venue: - CEC Room, The Polytechnic Ibadan  
Date: - 2<sup>nd</sup> – 6<sup>th</sup> June, 2013.  
Paper Presented: - *Derivation and Interpretation of Black-Scholes.*
  
8. **OLAYIWOLA M.A**, ONI N.O, FASASI S.K & OLAWUMI S.O. (2013):  
Conference: - 1<sup>st</sup> International Conference, Faculty of Financial Management Studies  
Venue: - Conference Centre, The Polytechnic Ibadan  
Date: - 7<sup>th</sup> – 10<sup>th</sup> May, 2013.  
Paper Presented: - *Cash Flow Model in Discrete Time.*
  
9. **OLAYIWOLA M.A**, BELLO A.H & OLAWUMI S.O (2013):  
Conference: - 1<sup>st</sup> International Conference, Faculty of Financial Management Studies  
Venue: - Conference Centre, The Polytechnic Ibadan  
Date: - 7<sup>th</sup> – 10<sup>th</sup> May, 2013.

Paper Presented: - *The Existence of Firm Valuation Using Discounted Cash Flow.*

10. OSUNTOKI N.B, **OLAYIWOLA M.A**, & FASASI S.K (2013):

Conference: - Seminar/Conference Organized by Seminar/Conference Committee, Saki Campus

Venue: - NLT, The Polytechnic Ibadan, Saki Campus

Date: - 29<sup>th</sup> Jan. 2013.

Paper Presented: - *Profit Maximization in Manufacturing Industries Using Linear Programming*

11. ONI N.O, **OLAYIWOLA M.A** & ADEPOJU J.A (2012):

Conference: - 2<sup>nd</sup> Faculty of Environmental Science National Conference

Venue: - Assembly Hall, The Polytechnic Ibadan

Date: - 13<sup>th</sup> – 15<sup>th</sup> Nov. 2012.

Paper Presented: - *The impact of information and communication technology (ICT) on national development.*

12. ONI N.O, **OLAYIWOLA M.A** & FASASI S.K (2011):

Conference: - Seminar/Conference Organized by Seminar/Conference Committee, Saki Campus

Venue: - NLT, The Polytechnic Ibadan, Saki Campus

Date: - 23<sup>th</sup> Aug. 2011.

Paper Presented: - *The New Method of Solving Quadratic Equation.*

**SECTION D**  
**CRITERIA FOR ASSESSMENT AND WEIGHING**

**Obtainable**

1.	Basic Qualifications a. 1 <sup>st</sup> Class/Distinction b. 2 <sup>nd</sup> /Upper Credit c. 2 <sup>nd</sup> /Lower Credit d. 3/Pass e. Pass		10
2.	Higher and Professional Qualification (a) Higher Academic Qualifications – Post Graduate Diploma/Certificate 2, Master Degree 3, Doctorate 5 (Score the highest qualification) (b) Corporate Membership of Relevant Professional Organization (by examination)	5 (Maximum)	10
3.	Publications & Research (a) *Publications OR Creative Development (b) On-going Research	30 5	35
4.	Post Qualification/Work Experience One point for each year of directly Relevant experience and half a point for each other year of post qualification. Experience 9Maximum of 15 year) (v)-(viii) Relevant for appointment only.		15
5.	Interview Performance (a) Appearance (b) Response of Technical Question (c) Knowledge of current affairs	3 8 1	
6.	Administrative Experience for P.L. & S.P.L only One mark for each year of directly relevant experience and half mark for each year of other indirectly relevant experience.		5
7.	Reference		5
8.	Contribution to the Society and or The Polytechnic		5
	<b>TOTAL</b>		100

Minimum Scores in publications

Senior Principal Lecturer                      20 points  
Principal Lecturer                                      14 points  
Senior Lecturer    7 points  
Lecturer    3 points

For Senior Lecturer and above, a detailed assessment with score must be attach.ed.

**SECTION E**

**EXTRA CURRICULAR ACTIVITIES**

**1. Other activities within the Polytechnic:**

- a. Adviser to Maths & Stat Student
- b. Staff adviser \_- National Union of Saki Students
- c. Campus Seminar /Conference committee (Member)
- d. Campus Sport committee (Member)
- e. Time Table committee (Member) (Maths & Stat)
- f. Institutional Monitoring Committee (Member)
- g. Taekwondo Coach

**2. Extra Curricular Activities:**

- (a) A Member of Saki West Local Sports Committee
- (b) Reading
- (c) Member of NGO Saki Chapter

**3. Awards and Fellowship: NIL**

**4. Any other relevant information: NIL**

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**Date**

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**Signature of Member of Staff**

**SECTION F  
RECOMMENDATION**

a. Head of Department

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<b>Name</b>	<b>Signature/Date</b>
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b. Faculty/Level Promotion Committee

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**Name**

**Signature/Date**