1.   **NAME:**   AKINTUNDE, ABOSEDE ADELOLA

   STATUS: LECTURER I

2.   **ABRIDGED PROFILE**

Dr. (Mrs.) Abosede Akintunde was born on Sunday, 12th August, 1973 to the family of Mr. Joseph Babalola and Mrs. Felicia Adeleye Ayeni at Ilesa, Osun State. She is a devoted Christian and member of Deeper Life Bible Church. She attended St. Paul Anglican Primary School, Onikolobo, Abeokuta, Ogun State between 1980 and 1986 for her primary school education. She proceeded to Abeokuta Girls' Grammar School for her secondary school education between 1986 and 1992. She then proceeded to University of Agriculture, Abeokuta for her tertiary education between 1993 and 1999. She bagged her Bachelor's Degree in Mathematical Sciences (Statistic Option) in 1999, Masters' Degree in Statistics in 2009 and Doctor of Philosophy in Statistics in 2016 all from the same University. She graduated as the best students in the Department of Mathematical Sciences in 1999 and was recognized as such by the University.

She worked as Mathematic teacher at Taidob College between 2002 and 2005 where she taught Mathematics at both ordinary and advanced level. She joined the service of the Federal University of Agriculture, Abeokuta on 29th September, 2005 as a Planning Officer II in the Academic Planning Unit of the University and had her appointment confirmed on 29th September, 2007. She rose through the ranks to the post of Planning Officer I on 1st October, 2008, and Senior Planning officer on 1st October, 2011. She later joined the Department of Statistics as an Assistant Lecturer on 3rd December, 2012. She was upgraded to Lecturer II on 5th January, 2017 after the completion of her Ph.D. programme and was promoted to the post of Lecturer I on 1st January, 2021.

She served in various Committees in and outside the Department. She served as Secretary to many Academic Planning Committees as Planning Officer some of which include Mock accreditation Committees, Secretariat member of the Academic Planning and Curriculum Committee, Ad Hoc Committee on University Academic Brief, just to mention a few. As an academic staff, she served as the Examination Officer, Secretary to Departmental Board, Member of the Departmental Welfare Committee in the Department. She is currently the Chairperson of the Departmental Welfare Committee and a member of the University Time Table and Examinations Committee (TIMTEC).

Her research interest is in stochastic processes and time series analysis. She has nineteen (19) journal articles and one (1) conference proceeding in both local and foreign journals to her credit.

She has attended conferences, workshops, trainings and seminars to enhance her teaching and research capabilities. She is a member of the Royal Statistical Society, International Biometrics Society and Professional Statistician Society of Nigeria

She is happily married to Dr. Oluyinka Akintunde and the marriage is blessed with two boys, Goodness and Favour Akintunde.

OFFICIAL E-MAIL: **akintundeaa@funaab.edu.ng**

4.   CURRICULUM VITAE

01   PERSONAL DATA

(i)	Name in Full:	AKINTUNDE Abosede Adelola
(ii)	Date of Birth:	12th August, 1973
(iii)	Place of Birth:	Ilesa
(iv)	Age:	48 years
(v)	Sex:	Female
(vi)	Marital Status:	Married
(vii)	Nationality:	Nigerian
(viii)	Town and State of Origin:	Ilesa and Osun State
(ix)	Contact Address:	Department of Statistics,
		Federal University of Agriculture, Abeokuta
(x)	Phone Number:	08134592275; 08150920683
(xi)	E-mail Address:	akabosede@gmail.com
		akintundeaa@funaab.edu.ng
(xii)	Present Post and Salary:	Lecturer I/CONUASS 04 step 01

(₦1,900,113p.a.)

(xiii)   Post on Promotion

02   EDUCATIONAL BACKGROUND

(i)   Educational Institutions Attended (With Dates)

a) Federal University of Agriculture, Abeokuta, Nigeria   (2010 – 2016)

b) Federal University of Agriculture, Abeokuta, Nigeria   (2000 – 2009)

c) Federal University of Agriculture, Abeokuta, Nigeria   (1993 – 1999)

	d)	Abeokuta Girl's Grammar School, Abeokuta	(1986 – 1992)

(ii)   Academic and Professional Qualifications (With Dates)

	a)	Doctor of Philosophy in Statistics	2016
	b)	Master of Science in Statistics	2009
	c)	Bachelor of Science in Statistics	1999
	d)	Senior Secondary Certificate Examinations(SSCE)	1992
	e)	General School Certificate (GCE)	2009

(iii)   Prizes, Honours, Scholarship, National and International Recognition:

a) United Bank for Africa (UBA) Award for the Best Graduating Student in the Department of Mathematical Sciences, 1997/1998 Academic Session

03   WORK EXPERIENCE

(i) Work Experience

1. Federal University of Agriculture, Abeokuta

	a)	Lecturer I: (January, 2021 till date)	Department of Statistics,
	b)	Lecturer II: (January, 2017 –December, 2020)	Department of Statistics,
	c)	Assistant Lecturer (2012 – January, 2017)	Department of Statistics,
	d)	Senior Acad. Planning Officer (2011 – 2012)	Academic Planning Unit,
	e)	Academic Planning Officer I (2008 – 2011)	Academic Planning Unit,
	f)	Academic Planning Officer II (2005 – 2008)	Academic Planning Unit,

2. Taidob College, Asero, Abeokuta

a) MathematicsTeacher (2002-2005)   Department   of
Mathematics

3. University of Calabar Satellite Campus, Oke-Mosan, Abeokuta

a) Part-Time Lecturer (2000-2001)   Department of Mathematics,

(ii) Details of Teaching at University Level

a) 2017/2018 Academic Session

Courses Taught	Course Unit	No. of Students per course	Contact hours	No of Lecturers
STS 201	3	2,2853	3 hours per week	8
STS 204	2	60	2 hours per week	1
STS 325	2	51	2 hours per week	1
STS 305	2	49	2 hours per week	2
STS 391	1	46	3 hours per week	1
STS 473	3	6	3 hours per week	1
STS 476	3	55	3 hours per week	1
STS 497	1	60	Seminar I	8
STS 498	1	60	Seminar II	8
STS 499	4	6	Project	1
STS 711	3	5	3 hours per week	1
STS 712	3	5	3 hours per week	1
STS 723	3	5	3 hours per week	1
STS 805	3	1	3 hours per week	1
STS 806	3	6	3 hours per week	1

b) 2018/2019 Academic Session

Courses Taught	Course Unit	No. of Students per course	Contact hours	No of Lecturers
STS 201	3	3,521	3 hours per week	8
STS 204	2	60	2 hours per week	1
STS 214	2	60	2 hours per week	3
STS 305	2	67	2 hours per week	2
STS 391	1	70	3 hours per week	1
STS 425	3	70	3 hours per week	1
STS 429	3	72	3 hours per week	1

STS 476	3	55	3 hours per week	1
STS 497	1	60	Seminar I	8
STS 498	1	60	Seminar II	8
STS 499	4	7	Project	1
STS 711	3	9	3 hours per week	1
STS 712	3	9	3 hours per week	1
STS 723	3	9	3 hours per week	1
STS 805	3	2	3 hours per week	1
STS 806	3	5	3 hours per week	1

c) 2019/2020 Academic Session

Courses Taught	Course Unit	No. of Students per course	Contact hours	No of Lecturers
STS 201	3	3,123	3 hours per week	10
STS 204	2	127	2 hours per week	1
STS 305	2	116	2 hours per week	1
STS 351	2	116	2 hours per week	2
STS 391	1	116	3 hours per week	2
STS 425	3	57	3 hours per week	1
STS 476	3	57	3 hours per week	1
STS 497	1	57	Seminar I	10
STS 498	1	57	Seminar II	10
STS 499	4	57	Project	1
STS 709	3	4	3 hours per week	1
STS 805	3	1	3 hours per week	1

(iii) Students Supervision: Supervised more than 52 undergraduate projects and co-supervising 6 Masters Students

04   SPECIAL ASSIGNMENT/COMMUNITY SERVICE

(i)   Member, Time Table and Examinations Committee (TIMTEC), 2014 till date

(ii)   Departmental Examinations Officer, 2017/2018 to 2018/2019

(iii) Secretary, Review of University Academic Brief (Ad hoc Committee), 2013

(iv) Secretary, Department of Statistics Board, 2012 – 2018

(v) Coordinator, Departmental Examinations, 2017/2018 till date

(vi) Level Adviser (100 Level) – 2016/2017 Academic Session

(vii) Level Adviser (200 Level) – 2017/2018 Academic Session

(viii) Level Adviser (300 Level) – 2018/2019 Academic Session

(ix) Level Adviser (100 Level) – 2019/2020 Academic Session

(x) Women Leader, Deeper Life Bible Church, Camp Group, Abeokuta, 2016 till Date

(xi) Choir Leader, Deeper Life Bible Church, Camp Group, Abeokuta, 2016 till Date

(xii) Member, Finance Committee, DeeperLife Bible Church, Camp Group, 2016 till Date

05   TRAINING PROGRAMME ATTENTED (WITH DATES)

(i) Workshop on COVID-19 organized by Royal Statistical Society Nigerian local group in collaboration with Department of Statistics, Federal University of Agriculture, Abeokuta, 2021

(ii) Academic Retreat and workshop on Academic Freedom organized by Federal University of Agriculture, Abeokuta, June, 2021

(iii) Workshop on issues of irregularity in University approved examination results organized by Federal University of Agriculture on 3rd October, 2019

(iv) Seminar on Relaxation and Agro Allied Investment: keys to secured future organized by ASUU-UNAAB Cooperative Multipurpose Society on 27th February, 2019

(v) Special training workshop on Survey Process Design organized by Royal Statistical Society Nigerian local group in collaboration with Department of Statistics and Nigerian Statistical Association Ogun State Chapter funded by International Survey Statisticians on 16th January, 2019

(vi) Capacity building workshop on improving the assessment of learners competencies in agricultural courses organized by Federal University of Agriculture, Abeokuta in collaboration with EU/AU Tuning Africa Programme on 22nd August, 2017.

(vii) Training workshop on Python Software organized by Nigeria Statistical Society at University of Ibadan, Ibadan between 4th and 6th April, 2017.

(viii) Capacity building workshop on modern methods of teaching and learning in higher education organized by Federal University of Agriculture, Abeokuta between 25th and 26th January, 2016

(ix) User Training workshop to create awareness on the availability of resources and enhancement of advanced research organized by Elseveir Science Direct e-journal and Scopus user training on 19th September, 2014.

06   COMMENDATION

(i) Letter of Appreciation from the Management , Federal University of Agriculture, Abeokuta for exemplary attitude to work, boldness, vigilance and commitment which led to the apprehension of two (2) students who were involved in examination malpractices during the conduct of second semester 2016/2017 Academic Session Examination.

(ii) Letter of commendation from the Deputy Vice-Chancellor, Professor M.A. Waheed, on behalf of the Vice-Chancellor, Professor Olusola Bandele Oyewole, Federal University of Agriculture, Abeokuta for excellent performance during the restructuring of University Lecture and Time-Table of 2014/2015 academic session.

(iii) Letter of commendation from the Director, Academic Planning Unit, Federal University of Agriculture, Abeokuta, Professor K.A. Okeleye for commitment to duty and good working relationship and role in some major assignments of the unit and a great sense of responsibility during the mock accreditation exercise conducted in December, 2007, the resource verification visit by the National Universities Commission in March, 2008 and the mop-up accreditation visit of NUC in June, 2008 and the accreditation visit of NUC to programmes in COLENG and COLVET.

(iv) Letter of commendation from the Director, Academic Planning Unit, Federal University of Agriculture, Abeokuta, Professor C.F. Mafiana for commitment to duty and good working relationship and capacity for hard work and excellent contributions during the accreditation exercises and programme audit of the National Universities Commission

07 MEMBERSHIP OF PROFESSIONAL BODIES:

(i) Member, International Biometrics Society (IBS), Group Nigeria

(ii) Member, Royal Statistical Society (RSS), London

(iii) Member, Royal Statistical Society (RSS) Nigerian group, Nigeria

(iv) Member, Professional Statistician Society of Nigeria (PSSN), Nigeria

08 RESEARCH INTEREST OR COMMISSIONED PROJECTS

(i) **Completed (Starting with the latest):** Nil

(ii) **In Progress (List)**

    a) Structural Approach to modeling the dynamics of Nonlinear Time Series

    b) Stochastic Differential Equations approach to modeling Nonlinear Dynamical Systems

    c) Models for financial Time Series

    d) Modeling Antithetic Time series

    e) Hidden Markov Model for analyzing Dynamical Systems

    f) On Entropy and Hidden Markov Models

    g) Sine diffusion Modelling

    h) Stochastic differential equations for nonlinear system with exponential growth

09 UNIVERSITY EXTENSION ACTIVITIES:

(a) Brief description of Extension Activities: Nil

(b) University Extension reports presented: Nil

(c) Resource inputs into training and workshop: Nil

10 Other activities within the University systems (position in Administration, University Sports, Committees, University External Examination etc)

(a) Member, Time Table and Examinations Committee (TIMTEC)

11 PUBLICATIONS:

(i) Thesis and Dissertation

a) **Ayeni A.A**. (1999). Multiple Regression Analysis of the Yield of Rice in Nigeria. B.Sc. Research Project, Department of Mathematical Sciences, College of Natural Sciences, Federal University of Agriculture, Abeokuta

b) **Akintunde A.A.** (2008). A Modified Chapman-Kolmogorov Equation and its Application to Modeling Daily Precipitation. M.Sc. Research Dissertation, Department of Statistics, College of Natural Sciences, Federal University of Agriculture, Abeokuta

c) **Akintunde A.**A. (2016). Modelling Nonlinear Dynamical Systems using Stochastic Differential Equations. Ph.D. Research Thesis, Department of Statistics, College of Physical Sciences, Federal University of Agriculture, Abeokuta

(ii) Journal Articles in Print:

1. Ariyo, O.S., **Akintunde, A.A.,** and AdeOluwa O.O. (2015)**.** Comparison of Clustering Methods for Different Data types using Rand Index. *Journal of Nigeria Statistical Association*, vol. 27: 31-50. Published by Nigeria Statistical Association

2. **Akintunde, A.A.,** Agwuegbo, S.O.N., Asiribo, O.E., Waheed, M.A. and Olayiwola, O.M. (2015) Modeling Nonlinear Dynamical Systems. *'Annals. Computer Science Series' Journal*, Vol. 13, No. 1, 30-38. Published by 'Tibiscus' University of Timisoara

3. **Abosede A. Akintunde,** Olaniyi M. Olayiwola, Samuel O. Agwuegbo, and Ganiyu A. Dawodu (2016). Stochastic Signal Modeling of Economic Indicators. *The Pacific Journal of Science and Technology*, Vol. 17, No. 2, 213 – 217. Published by Akamai University, United States, Available online at www.akamaiuniversity.us/PJST.htm

4. Agwuegbo, S.O.N., Onugha, E.E., Ezepue, P.O., Onyeka-Ubaka, J. N. and **Akintunde, A.A.** (2017). Diffusion Model for Crude Oil Price Dynamics, *Journal of Nigerian Association of Mathematics Physics,* Vol. 40, 215 – 222. Published by Nigerian Association of Mathematics Physics

5. Agwuegbo, S.O.N., Onugha, E.E., **Akintunde, A.A.**, and Adewole A.P. (2017). Signal Model for Prediction of Exchange Rates, *Journal of Nigerian Association of Mathematics Physics,* Vol. 41, 261 – 268. Published by Nigerian Association of Mathematics Physics

6. Dawodu, G.A., **Akintunde, A.A.**, Yusuff, K.M. and Wale-Orojo, O.A. (2017). On Crossover Design to Compare the Performance of a specific Category of Experimental

Units, *Journal of Nigerian Association of Mathematics Physics,* Vol. 43, 239 – 242. Published by Nigerian Association of Mathematics Physics

7. Dawodu, G.A., **Akintunde, A.A.**, Yusuff, K.M. and Wale-Orojo, O.A. (2017). Multilevel Design to Capture the Performance of a specific Category of Experimental Units, *Journal of Nigerian Association of Mathematics Physics,* Vol. 43, 279 – 284.Published by Nigerian Association of Mathematics Physics

8. **Akintunde, A.A**., Agwuegbo, S.O.N, and Olayiwola O.M. (2017). Markov Models for the Analysis of Dynamical Systems. *Journal of Natural Science, Engineering and Technology*, Vol. 16 (1), 35-49. Published Federal University of Agriculture, (FUNAAB), Abeokuta

9. Dawodu, G.A., **Akintunde, A.A.**, Ariyo, S.O. (2017). Stochastic prediction of monthly inflation rates through Kalman Filtering, *Journal of Natural Science, Engineering and Technology*, Vol. 16 (2), 11-25. Published by Federal University of Agriculture, (FUNAAB), Abeokuta

10. Dawodu, G.A., Agwuegbo, S.O.N., Olayiwola, O.M., **Akintunde, A.A**., Wale-Orojo, O.A. and Yusuff, K.M. (2018). A Bayesian Approach towards Capturing the Vulnerability to Toxicity of Some Artisans' Blood, *Journal of Nigerian Association of Mathematics Physics,* Vol. 44, 185 – 190. Published by Nigerian Association of Mathematics Physics

11. Olayiwola, O. M., Apantaku, F. S., Oguntolu, O. S., Ajibade, F, B., **Akintunde, A. A**., Olawoore, S. A. (2019). Exponential moving average stratification algorithm for strata boundary Determination in stratified sampling. *FUDMA Journal of Sciences (FJS) ,Vol. 3(3): 384 – 388*

12. Agwuegbo, S.O.N, E.E. Onugha, and **A.A. Akintunde** (2020). "Modeling Chaotic Time Series using Stochastic Differential Equation". *Pacific Journal of Science and Technology,*Vol. 21 (1), 93-100. Published by Akamai University, United States. Available online at www.akamaiuniversity.us/PJST.htm

13. Olayiwola O. M, Ajayi A. O.,**Akintunde A. A.**, Wale-Orojo O. A., Ajibade F. B. and Ojelabi O.(2020). Estimation of the Population Mean in the Presence of Measurement and Response Error. *Annals. Computer Science Series*, Vol. 18 (1): 48-52. Published by 'Tibiscus' University of Timisoara

14. Soyinka A.T., A. A. Olosunde, F.S. Apantaku, **A.A. Akintunde** and O.A. Wale-Orojo (2020). On the parameter estimation of Johnson's system of distribution. ***Benin Journal of Statistics,*** Vol. 3: 82 – 90. Published by University of Benin, Nigeria.

15. Apantaku F.S, O.M. Olayiwola, **A.A. Akintunde**, G.A. Dawodu and R.G. Adeyemo (2020). A modified estimator for quartile ranked set sampling. ***Journal of the Nigerian Association of Mathematical Physics***, Vol. 56: 25 – 32. Published by Nigerian Association of Mathematical Physics.

16. Olayiwola O. M, **A.A. Akintunde**, K.M. Yusuff, F.B. Ajibade. and D.O. Adekpe (2020). Jackknife Approaches for improving data quality. ***Transactions of the Nigerian Association of Mathematical Physics,*** Vol. 11: 61 – 68. Published by Nigerian Association of Mathematical Physics.

17. **Akintunde, A.A**., S.O.N. Agwuegbo, O.M. Olayiwola, G.A. Dawodu, A.T. Soyinka, and O.A. Wale-Orojo. (2020). "Sine Diffusion Model for Nonlinear Dynamical Systems". ***Pacific Journal of Science and Technology***. 21(2):152-158. Published by Akamai University, United States. Available online at www.akamaiuniversity.us/PJST.htm

18. Wale-Orojo O. A., Soyinka A.T., Apantaku F.S., Atanda O. D. and **Akintunde A. A.** (2020) Modeling Categorical Data in Frequency Domain Via Mutual Information Approach. ***Annals. Computer Science Series***, Vol. 18 (2): 64-68. Published by 'Tibiscus' University of Timisoara

19. Olayiwola. O. M., Apantaku, F. S., Oyekunle, K. A., **Akintunde, A. A.**, Wale-Orojo, O. A. and Olawoore, S. A. (2020). A Modified Calibration Approach For Ratio Estimator In Stratified Sampling. ***FUDMA Journal of Sciences (FJS), Vol. 4(4): 507 - 512***

(iii)Papers already accepted for publication: Nil

(iv) Book: Nil

(v) Book Article or Chapter: Nil

(vi)Edited Conference Proceeding

1. **Abosede Akintunde**, E. Asiribo, Atinuke Adebanji, A. Adelakun, S. Agwuegbo. (2008). Stochastic Modeling of Daily Precipitation in Abeokuta. 3rd International Conference on Science and National Development: 108-118

    (vii) **Technical Reports:** Nil

12 MAJOR CONFERENCES ATTENDED WITH PAPERS READ

1. First International Conference of Nigeria Statistical Society at University of Ibadan, Ibadan between 3rd and 6th April, 2017
2. First International Conference of Royal Statistical Society, London, Nigeria Local Group in collaboration with Department of Statistics, Federal University of Agriculture, Abeokuta,5th and 6th February, 2020 at Postgraduate School Auditorium, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria

13 INFORMATION ON FELLOWSHIP, MASTER'S PROJECTS AND PH.D. THESIS SUPERVISED:

S/N	Title of Thesis	Name of Students	Year of Commencement	Anticipated Date of Completion	Supervision
1		Olawoore, S	2018	2021	Co-Supervision
2		Ojenike, Damilola	2018	2021	Co-Supervision
3		Adebesin, A.	2018	2021	Co-Supervision

14 EXTRA CURRICULUA ACTIVITIES
Reading, Singing and adventuring

15 REFEREES
    (1) **Professor S.A. Oluwalana**

        Department of Forestry and Wildlife Management,

Federal University of Agriculture,

Abeokuta.

(2) Dr. S.O.N. Agwuegbo

Department of Statistics,

Federal University of Agriculture,

Abeokuta.

(3) Professor. M.A. Waheed

Department of Mechanical Engineering,

Federal University of Agriculture,

Abeokuta

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Signature   Date