

CURRICULUM VITAE

SECTION A -- PERSONAL DATA

1. NAME (Surname first): ADEJUMOBI, CALEB ADENIYI
2. DATE OF BIRTH: 15th MARCH, 1969
3. NATIONALITY/ STATE OF ORIGIN: NIGERIAN, OYO STATE
4. MARITAL STATUS: MARRIED
5. NUMBER OF CHILDREN AND AGES: THREE (TWINS) 20, 1 YEARS
6. NAMES AND ADDRESS OF NEXT OF KIN: MRS ADEJUMOBI, AJIBOLA. F
7. CONTACT ADDRESS: SLT DEPT.THE OKE-OGUN POLY. SAKI (TOPS).
8. E- MAIL ADDRESS/ TELEPHONE No: caadejumobi@yahoo.com/ 08032837312
9. SCHOOL: SCIENCE
10. DEPARTMENT: SCIENCE LABORATORY TECHNOLOGY
11. DATE & GRADE ON FIRST APPOINTMENT: 17th SEPT. 1996& EUSS 7STEP 1
12. DATE & GRADE ON LAST PROMOTION: 1st OCT. 2014& CONPCASS 15 STEP 1
13. STATUS/PRESENT SALARY: CHIEF LECTURER/ CONPCASS 15 STEP 4
14. DATE & GRADE OF CURRENT APPOINTMENT: (if different from 12) AS IN 12 ABOVE
15. HAS APPOINTMENT BEEN CONFIRMED? YES
16. DATE OF CONFIRMATION: 16TH SEPTEMBER 1999.

SECTION B**QUALIFICATIONS AND EXPERIENCE****1. SCHOOLS/ INSTITUTIONS ATTENDED WITH DATES:**

SCHOOLS ATTENDED	DATE
UNIVERSITY OF IBADAN, IBADAN, OYO STATE.	2001-2005
FEDERAL SCHOOL OF SURVEY, OYO, OYO STATE.	1999 – 2001
UNIVERSITY OF JOS, JOS, PLATEAU STATE	1990 – 1995
BAPTIST HIGH SAKI, OYO STATE	1983 – 1988

2. ACADEMIC QUALIFICATIONS WITH DATES:

ACADEMIC QUALIFICATION	DATES
M.Sc PHYSICS	2006
PROFESSIONAL DIPLOMA IN SURVEYING AND GEOINFORMATICS	2001
B.Sc PHYSICS	1995
GCE ORDINARY LEVEL	1990
WAEC O/L	1988

3. UNIVERSITY DEGREE/ DIPLOMA/ CLASS/ IF ANY INSTITUTION/ DATE OF AWARD

UNIVERSITY DEGREE/ DIPLOMA	CLASS (if any)	INSTITUTION	DATE OF AWARD
M. Sc, PHYSICS	M.Phil	UNIVERSITY OF IBADAN.	2006
PD, SURVEYING AND GEOINFORMATICS	GOOD	FEDERAL SCHOOL OF SURVERING	2001
B.Sc PHYSICS	2 ND CLASS HONS (Lower Division)	UNIVERSITY OF JOS	1995

4 WORKING EXPERIENCE

TEACHING EXPERIENCE

EMPLOYER AND ADDRESS	DESIGNATION	SUBJECT TAUGHT	DATE
THE OKE OGUN POLYTECHNIC SAKI	LECTURER	PHYSICS	2015 TO DATE
THE POLYTECHNIC IBADAN MAIN CAMPUS	LECTURER	PHYSICS	2012 - 2015
THE POLYTECHNIC, IBADAN SAKI CAMPUS	LECTURER	PHYSICS	1996-2012
NYSC GOVERNMENT COLLEGE, BIRINI – KUDU JIGAWA STATE.	TEACHER	PHYSICS	1995 – 1996

COURSES TAUGHT IN THE CURRENT ACADEMIC YEAR:

SUPERVISING ND II STUDENTS' FINAL PROJECTS

ND I	STP 112;	HEAT ENERGY
ND I	STP 113;	ELECTRONIC LOGIC FOR SCIENCE
ND I	STP 121;	ELECTRICITY AND MAGNETISM
ND II	STP 221;	MAINTAINCE AND REPAIR OF SCIENCE AND ELECTRONIC EQUIPMENT
HND I	PYE 321;	PHYSICAL OPTICS
HND 1	PYE 321;	THERMODYNAMICS.
HND II	PYE 421;	GEOPHYSICS
HND I	PYE 311;	ATOMIC AND NUCLEAR PHYSICS
HND II	PYE 417;	ACOUSTICS PHYSICS

ADMINISTRATIVE EXPERIENCE

ASSIGNMENT	DATE
GOVERNING COUNCIL MEMBER (CONGREGATIONAL REP.) THE OKE OGUN POLYTECHNIC SAKI.	2016 TIL DATE
DEAN, STUDENT AFFAIRS, THE OKE OGUN POLYTECHNIC SAKI.	2015 TILL DATE
EXTERNAL EXAMINER TO OYO STATE COLLEGE OF AGRICULTURE IGBOORA OYO STATE (SLT DEPARTMENT)	2015 TO 2017
Ag. HOD, SLT DEPARTMENT, MAIN CAMPUS	2013 – 2014
Ag. HOD, PHYSICS, MAIN CAMPUS	2012 – 2013
Ag. HOD, SLT DEPARTMENT, SAKI CAMPUS	2005 – 2012
ASUP AUDITOR	2002 – 2010

MEMBERSHIP OF PROFESSIONAL BODIES/ LEARNED SOCIETIES.

MEMBER, NIGERIAN INSTITUTION OF PHYSICS.

ONGOING RESEARCH

1. Assessment of environmental impact of E-wastes dumpsites in South-Western Nigeria

The growing use of electrical and electronic equipment and gadgets and their early life spans have resulted in production of a large number of electronic or e-wastes. E-waste is electronic products nearing the end of their useful life or dumped due to availability of new and advanced product in the market. The radionuclide analysis will be carried out using gamma ray spectrometry with sodium iodide detectors with a Canberra multichannel analyzer while heavy metal analysis will be carried out using Flame Atomic Absorption Spectrometry (FAAS) on soil, underground water, vegetables and plant samples from the catchment area of some e-waste dumpsites in the Lagos metropolis. This is to help determine the level of pollution caused by the deposition of e-wastes in the communities in which the dumpsites are located. The data collected will be analyzed to assess the impact on the quality of the environment. It is believed

that the result of this research will go a long way to formulate policy in the area of e- waste disposal and management in the developing world and Nigeria at large.

I. DISSERTATION OR THESIS:

Adejumobi, C. A. (2005). *RAINFALL VARIABILITY IN NORTHERN NIGERIA*.

University of Ibadan. M.Sc Thesis.

Adejumobi, C.A.(2001). *APPLICATION OF GIS IN DIGITAL TERRAIN MODEL: A CASE STUDY OF KOSOBO AREA, OYO:*

Federal School of Surveying. PD Surveying and Geoinformatics Project.

Adejumobi, C. A. (1995). *CONSTRUCTION AND OPTIMAZATION OF 12 V DC POWER SUPPLY FOR FLOURESCENT LAMP:* University Of Jos B.Sc Project

II BOOKS / MONOGRAPH:

1. Adejumobi C.A., Ademola A.K., Adeniran P.O (2005):Optics, Waves And Electricity (A Tutorial Approach) Immaculate-City Publisher, Oyo
2. Adejumobi C.A. , Ademola A.K., Adeniran P.O (2005):Mechanics And Properties of Matter Akin-Johnson Press & Publishers Oyo.
3. Adejumobi C.A and Oni N.O (2006):Computer Literacy (Step-by-Step guide to Computing) Real Success Consult, Ibadan.

III PUBLISHED ARTICLES

1. Odunaike, K.R., Alausa, S.K., Adejumobi, C.A., Adetoro, T.T., & Adeniji, Q.A. (2023). Health risk assessment of heavy metals in groundwater around some E-waste dumpsites from three States in southwestern Nigeria. *Asian journal of biological sciences* 16 (4): 670-680
2. Olabamiji, A.O., Alausa, S.K., Adejumobi, C.A. & Alabi, T.A. (2023). Environmental impact assessment radionuclides and metal contamination, Ibadan, Nigeria. *Nigeria Journal of Physic* 32 (1) 160-168
3. Ademola, A.K., Dosumu, O., & Adejumobi, C.A. (2021) Heath risk assessments of Natural radionuclide in some fishes consumed in Lagos, Nigeria. *Nigeria Journal of Physic* 30 (1) 15-21
4. Ademola, A. K., & **Adejumobi** C.A. (2020). Investigation of radionuclides in soil and

vegetables cultivated in the vicinity of cement manufacturing plants in Ogun State, southwest Nigeria. *Journal of Science Technology*. 13(1), 57- 66. DOI: <https://doi.org/10.30880/jst>.

5. Adeniran P.O., Adejumbi, C.A., & Basiru, Q. (2021). Design of Arduino Based Smart Bag. *International Journal of Scientific Engineering and Science* 5(5). Pp 23-25
6. **Adeniran P.O.**, Adejumbi, C.A., & Basiru, Q. (2021). Design of Arduino Based Smart Automobile Wiper. *International Journal of Research in Engineering and Science*. 9(5), 58 – 61.
7. Fajemiroye J.A. **Adejumbi C.A.** Makinde S.O & Owoade L.R (2015). An evaluation of the soil radioactivity in the top soil of the Polytechnic, Ibadan, southwest Nigeria. *International Journal of Development and Sustainability* 4 (5), 505-512
8. Augustine Kolapo Ademola, Adekunle Kazeem Bello, **Adejumbi Caleb Adeniyi**, (2014), Determination of natural Radioactivity and hazard in Soil sample in and around Gold Mining Area in Itaganmodi, south-west, Nigeria. *Journal of Radiation Research and Applied Sciences*.(Available online at www.sciencedirect.com). 7 (2): 1-7
9. Ademola, A.K., Obed, R.I., **Adejumbi, C.A.**, Abodurin, O.P., Alabi, O.F., Oladapo M. (2013). Assessment of Entrance Skin Dose in routine x-ray examinations of chest, skull, abdomen and pelvis of children in five selected hospitals in Nigeria. *Journal of Applied Physics* 5,(2), 47-50
10. Bello, A.K., Ademola, A.K., Adejumbi, C.A, and. Unuode, A.U (2013). The Effect of Leachate on groundwater in Ota Industrial Area of Southwest, Nigeria. *Journal of Meteorology and Climate Science*. 11, (1): 1-9
11. **Adejumbi, Caleb Adeniyi**, Ojebiyi, Olanike Grace, Adesina-Adebayo, Fatima Opeyemi, (2013): Climate Change Impact on Female Gender in Nigeria. *Research Journal of Agricultural and Environmental Management*. 2 (5): 115-120.
12. Raji M.T., **Adejumbi C.A.** and Ajibola, S.A (2012) Harmonic Function of Poincare Cone Condition in Solving Dirichet Problem. *Journal of the Nigerian Association of Mathematical Physics*. 20: 17-22
13. **Adejumbi, C.A** and Eniola P.O., (2011) Climate Change Awareness and Socio-Economic Characteristics of Charcoal Producers in Oke-Ogun Area of Oyo State, Nigeria. *The Polytechnic Journal of Science and Technology*, 6:15-25

14. Adeniran P.O., **Adejumobi, C.A.** and Oladejo (2011) Electricity Power Potential in Some Selected Plant Biomass Residue in Nigeria. *Journal of Science and Technology Research*. 10 (2): 19-24
15. **Adejumobi, C.A.**, Adeniran P.O Oni N.O (2009):Recent Rainfall Pattern in Northern Nigeria (1980-2001) *Journal of Environmental Research and Policies*. Volume. 4 (2): 47-57
16. Adeniran P.O. **Adejumobi C.A.**, Awodugba A.O., Sanusi Y.K. Oladejo D.A.(2009) Overview of Renewable Energy Technology in Nigerian Power Sector. *Journal of Science and Technology Research*. 8 (4):71-76.
17. **Adejumobi, C.A.**, Oni, N.O, J.O. Ige (2009): Crime Occurrence and Policing in South western Nigeria: A Case Study of Saki West Local Government Area, Oyo State *Journal of Social Policy and Society*, 4(1): 112-119
19. Augustine, Kolapo Ademola, Olaide, Sakiru Hammed and **Caleb Adeniyi Adejumobi** (2008): Radioactivity and Dose Assessment of Marble Samples from Igbeti Mines, Nigeria. *Radiation Protection Dosimetry*, Oxford University Press 1–4
20. **Adejumobi, C.A.**, Oni N.O, Fasasi, M.B. Adeniran, P.O., Adeoti, O.M (2008):Africa Drought and its Effect on Nigeria Environment. *Journal of Environmental Research and Policies*. 3 (2): 39-45
21. Adeoti A.M, Anumudu C.I, Olaniyan M.F, **Adejumobi, C.A.**, Ajifowobaje, C.O, Owolabi, A.G, Hammed O; (2007): Urbanization and Symptomatic Malaria in relation to Retroviral Screening. *Journal of Medical and Pharmaceutical Sciences*, 4, (1) 10-15.
22. Adeoti, O.M, Anumudu, C.I. **Adejumobi, C.A.**, Siyanbola, M.F. (2007): Presumed Malaria and Human Immuno Deficiency Disease: A Challenge to Health Planners. *Journal of Medical and Pharmaceutical Sciences*. 3, (3): 75-80

IV WORKSHOP

1. *Capacity Building Workshop on the Use of Technology in Curriculum Delivery for Polytechnic and Monotechnic Teachers*
Date: 17th – 19th February, 2009.
Venue: At Federal Polytechnic Nekede, Imo State
2. *Skill Development and Training Workshop*.
 UNESCO-NIGERIA TVE REVITALIZATION PROJECT.

Date: 13-15th March 2007.

Venue: South-west staff development centre Yaba College of Technology Yaba Lagos.
Title: Enhancing Instructional Strategies.

3. *Script Writing for Distance Learning Programme For Continuing Education Centre The Polytechnic Ibadan.* At Manager's Hall..
Date: 12th November, 2008.
Venue: The Polytechnic Ibadan

PAPERS PRESENTED AT CONFERENCES

- 1 **Adejumobi Caleb. A** and Odepindan Kolawole O (2014): *Peaceful Application of Nuclear Technology* Paper delivered at National Conference of Faculty of Science. The Polytechnic, Ibadan
Date: 8th – 12th June 2014
Venue: Assembly Hall The Polytechnic Ibadan
- 2 **Adejumobi C.A.**, Azeez G.O., Lawal I.A., Adeniran P.O (2014): *Evaluation of Radioactive Elements in an Abandoned Mining Site in Saki-West Area of Oyo State Nigeria.* Paper delivered at National Conference of Faculty of Science. The Polytechnic, Ibadan
Date: 8th – 12th June 2014
Venue: Computer Literacy Centre, The Polytechnic Ibadan
- 3 Aremu .O.A, **Adejumobi C.A**, Oyinkanola L.O.A, Makinde S.O (2014): *Measurement and Simulation of Noise Voltage Spectra Densities (NVSD) of Johnson and Flicker Noises from Resistors at Room Temperature* Paper delivered at National Conference of Faculty of Science. The Polytechnic, Ibadan
Date: 8th – 12th June 2014
Venue: Assembly Hall, The Polytechnic Ibadan
- 4 Raji M.T. Ajibola S.A and **Adejumobi C.A.** (2013): *Imparative Pseudocode in Solving Implicit Equations using Iteration Method.* Paper delivered at Annual Conference of the Nigerian Mathematical Society. Obafemi Awolowo University Ife.
Date: 25th – 28th June 2013
Venue: Obafemi Awolowo University, Ile-Ife, Osun State
5. **C.A. Adejumobi**, J.A. Fajemiroye (2013); *Prospect of Wind Energy Development and Application to meet Millennium Challenges of Energy Demand in Nigeria.* Paper delivered at National Conference of Faculty of Science. The Polytechnic, Ibadan
Date: 2nd – 6th June 2013
Venue: CEC Hall, The Polytechnic Ibadan
6. J.A Fajemiroye & **C.A. Adejumobi**, (2013); *The Potentials of Salinity- Gradient Energy in meeting Nigeria's Demand.* Paper delivered at National Conference of Faculty of Science. The Polytechnic, Ibadan
Date: 2nd – 6th June 2013
Venue: CEC Hall, The Polytechnic Ibadan
- 7 Makinde O.S, **Adejumobi C.A.** Oyinkanola L.O.A (2013) *Small Hydro Power as a Tool for Poverty Alleviation and Sustainable Development in Rural Area of Nigeria.* Paper delivered at first International Conference of Vocational Skill and Entrepreneurship Study. The Polytechnic, Ibadan

Date: 10th – 14th June 2013

Venue: CEC Hall, The Polytechnic Ibadan

- 8 Oyinkanola L.O.A., **Adejumobi C.A.**, Makinde S.O., and Akanbi R.A (2013) Design and construction of Nylon Cuttin Machine from Local Materials.. Paper delivered at first International Conference of Vocational Skill and Entrepreneurship Study. The Polytechnic, Ibadan
Date: 10th – 14th June 2013
Venue: CEC Hall The Polytechnic Ibadan

- 9 Aremu O.A., **Adejumobi C.A.**, Olayiwola O.G and Akanbi R.A (2013) *On Mathematical Simulation and Modelling of Wind Energy in Nigeria.* Paper delivered at International Conference on Science and Sustainable Development in Nigeria.
Date: 13-17 May 2013
Venue: Conference Centre, University of Ibadan, Ibadan. Nigeria.
Faculty of Science Lakeside Lecture Theatre

- 10 Aremu O.A, **Adejumobi C.A.**, Ajadi D.A. (2013) *On Signal Absorption and Scattering at 750 nm and 1550 nm in dense Fog for Optical Wireless Communication in Lagos Southwest of Nigeria*
Paper delivered at 35th Annual Nigeria Institute of Physics Conference
Date: 25th -30th March 2013
Venue: ETF Hall The Main Campus, University of Abuja Nigeria

- 11 Oni Nathaniel O., **Adejumobi Caleb A.**, Adeniran Philip. O., Rahaman Aliyu (2013); *God, Man and Computer: A Philosophical and Analogical Study.* Paper delivered at The Polytechnic Ibadan, Saki Campus Conference
Date: 28-29th January 2013
Venue: NLT Hall, The Polytechnic Ibadan, Saki Campus

- 12 **Adejumobi C.A.**, Alao A.A., and Adeniran P.O. (2010), *Women Participation in Environmental Protection and Management: A Case Study of Saki West Local Government, Oyo State*
Paper delivered at Fourth African Regional Conference on Sustainable Development. Devon Science Company.
Date: June 8-11, 2010.
Venue: Pre- Degree Hall Delta State University Abraka, Nigeria

- 13 Oladejo D.A., Adeoti O.M., and **Adejumobi C.A.**, (2010). *Prevailing Factors in the Prevalence of Enteric Infection Saki* Paper delivered at the Face out Malaria and AIDS Foundation (FOMA) Conference
Date: 7- 8th, April 2010
Venue: ASUP Conference Room, The Polytechnic Ibadan Saki Campus

14. Adeoti O.M., Anumdu C.I., Olaniyan M.F., Siyanbola M.F., **Adejumobi C.A.** (2008). *The incidence of Falciparum Malaria and Human Immunodeficiency Virus in women in Saki.* Paper delivered at second International Conference on Development Studies.,
Date: 11-14th March, 2008.
Venue: Conference Centre University of Lagos, Lagos State

SECTION E

EXTRA – CURRICULUM ACTIVITIES WITHIN THE POLYTECHNIC:

1. FOUNDATION MEMBER OF BOARD OF TRUSTEE: *FACE OUT MALARIA AND AIDS FOUNDATION, (FOMA)*. THE POLYTECHNIC IBADAN, SAKI CAMPUS.
2. MEMBER: ACADEMIC STAFF UNION OF THE POLYTECHNIC,
3. MEMBER: EXECUTIVE COUNCIL OF ACADEMIC STAFF UNION OF THE POLYTECHNIC, THE POLYTECHNIC, IBADAN, SAKI CAMPUS.
4. MEMBER: PHYSICAL PLANNING COMMITTEE, THE POLYTECHNIC IBADAN, SAKI CAMPUS
5. MEMBER: EXAMINATION TIME COMMITTEE, THE POLYTECHNIC IBADAN, SAKI CAMPUS

Date

Signature of Member of Staff