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

**CURICULUM VITAE**

|  |  |  |
| --- | --- | --- |
| 1. | **NAME:** | ODUNBAKU Omobola Afolasade (Nee Sobowale) |
| 2. | **DEPARTMENT**: | Plant Science |
| 3. | **FACULTY**: | Science |
| 4. | **DATE AND PLACE OF BIRTH**: | 26th February, 1971; Ikorodu |
| 5. | **NATIONAL STATUS**: | Nigerian |
| 6. | **MARITAL STATUS**: | Married |
| 7. | **NO OF CHILDREN AND THEIR AGES**: | Nil |
| 8. | **NAME AND ADDRESS OF SPOUSE** : | Dr.Odunbaku, J.B., 2, Pelumi Street Oke-Alafia, Ijebu Igbo. |
| 9. | **NAME AND ADDRESS OF NEXT KIN**: | Same as no 8 |
| 10. | **DATE OF FIRST APPOINTMENT**: | 18th Dec. 1996 |
| 11. | **STATUS OF FIRST APPOINTMENT**  **AND SALARY**: | Grad. Asst. AUSS 1 step 1 |
| 12. | **PRESENT POSITION AND SALARY:** | Lecturer I CONUASS 4 Step 3 |
| 13. | **DATE OF LAST PROMOTION/ REGRADING**: | 1st October, 2012 |
| 14. | **DATE OF CONFIRMATION**  **OF APPOINTMENT**: | 22nd of June, 2004 |
| 15. | **IF NOT CONFIRMED, WHY?** | Not applicable |
| 16. | **PERIOD OF PRESENT CONTRACT**: | Permanent staff |
| 17. | **TOTAL NUMBER OF YEARS OF UNIVERSITY TEACHINGAND RESEARCH:** | 19 years |
| 18. | **E- MAIL ADDRESS:** | [odunbaku.omobola@oouagoiwoye.edu.ng](mailto:odunbaku.omobola@oouagoiwoye.edu.ng) |

1. **EDUCATIONAL BACKGROUND**:
2. **ACADEMIC QUALIFICATION/INSTITUTION ATTENDED WITH DATES**

|  |  |
| --- | --- |
| Ph.D (Botany) OlabisiOnabanjo University, Ago-Iwoye, Nigeria | 2015 |
| M.Sc. (Pharmacognosy) University of Ibadan, Ibadan | 1999 |
| B.Sc (Hons) Botany/Ogun State University, Ago-Iwoye | 1994 |

**2. CURRENT HIGHER DEGREE PROGRAMME REGISTERED FOR:** Nil

**3. AWARD AND DISTINCTION**: Nil

**C. WORK EXPERIENCE:**

1. Previous work experience outside the University system: Nil

2. Previous work experience in other University: Nil

3. Detail of professional experience at Olabisi Onabanjo University:

**(I). Teaching functions as lecturer I staff from 2012-2015 Sessions:**

Undergraduate Teachings for2012/2013 Academic Session

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE** | **UNITS** | **TITLE** | **UNITS TAUGHT** |
| BIO 203 | 3 | Biometrics | 1.5 |
| PLS 203 | 3 | Anatomy of seed plant I | 3 |
| PLS 208 | 3 | General physiology | 3 |
| PLS 309 | 3 | Anatomy of seed plant II | 3 |
| PLS 319 | 3 | Plant physiology | 3 |
| PLS 390 | 6 | Industrial field experience and training | 6 |
| PLS 392 | 2 | Current topic in plant science (vocational Course) | 2 |
| PLS 394 | 2 | The art of scientific writing | 2 |
| PLS 396 | 2 | Internship seminar | 2 |
| PLS 491 | 2 | Literature review | 2 |
| PLS 499 | 6 | Project | 6 |

Undergraduate Teachings for2013/2014 Academic Session

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE** | **UNITS** | **TITLE** | **UNITS TAUGHT** |
| BIO 203 | 3 | Biometrics | 1.5 |
| PLS 203 | 3 | Anatomy of seed plant I | 3 |
| PLS 208 | 3 | General physiology | 3 |
| PLS 309 | 3 | Anatomy of seed plant II | 3 |
| PLS 319 | 3 | Plant physiology | 3 |
| PLS 390 | 6 | Industrial field experience and training | 6 |
| PLS 392 | 2 | Current topic in plant science (vocational Course) | 2 |
| PLS 394 | 2 | The art of scientific writing | 2 |
| PLS 396 | 2 | Internship seminar | 2 |
| PLS 491 | 2 | Literature review | 2 |
| PLS 499 | 6 | Project | 6 |

Undergraduate Teachings for2014/2015 Academic Session

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE** | **UNITS** | **TITLE** | **UNITS TAUGHT** |
| BIO 203 | 3 | Biometrics | 1.5 |
| PLS 203 | 3 | Anatomy of seed plant I | 3 |
| PLS 208 | 3 | General physiology | 3 |
| PLS 309 | 3 | Anatomy of seed plant II | 3 |
| PLS 319 | 3 | Plant physiology | 3 |
| PLS 390 | 6 | Industrial field experience and training | 6 |
| PLS 392 | 2 | Current topic in plant science (vocational Course) | 2 |
| PLS 394 | 2 | The art of scientific writing | 2 |
| PLS 396 | 2 | Internship seminar | 2 |
| PLS 491 | 2 | Literature review | 2 |
| PLS 499 | 6 | Project | 6 |

Post-graduate Teachings for2014/2015 Academic Session

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE** | **UNITS** | **TITLE** | **UNITS TAUGHT** |
| SLT 711 | 3 | Introductory techniques in bacteriology | 3 |
| SLT 710 | 3 | Research technique in mycology | 3 |
| SLT 712 | 3 | Research technique in virology | 3 |
| SLT 789 | 3 | Seminar | 3 |
| SLT 799 | 6 | Project | 6 |
| MLT 810 | 2 | Research technique in virology | 2 |
| MLT 814 | 2 | Technique in bacteriology | 2 |
| PLS 801 | 3 | Mycology | 3 |
| PLS 803 | 3 | Plant virology | 3 |
| PLS 805 | 3 | Plant pathology | 3 |
| PLS 807 | 3 | Plant disease management | 3 |
| PLS 814 | 3 | Plant anatomy | 3 |
| PLS 804 | 3 | Plant- Parasitic Nematode | 3 |
| PLS 898 | 3 | Research seminar | 3 |
| PLS 899 | 6 | Thesis | 6 |

**(II) RESEARCH ON –GOING**

Currently, I am working on the antimicrobial properties of some leaf extracts and the use of some soil micro-organisms as biological agents.

**(III). ADMINISTRATIVE FUNCTION AND CONTRIBUTION TO THE**

**UNIVERSITY:**

|  |  |  |
| --- | --- | --- |
| (a) | Department Staff Secretary: | 1997 till date |
| (b) | Level) Adviser/ Coordinator: | 1999 till date |
| (c) | Staff Adviser to students: | 1999 till date |
| (d) | Computation of results and registration of Students | 1999 till date |
| (f) | Secretary of Faculty Science Conferences Committee: | 2005 -2013 |
| (g) | Secretary of Faculty of SciencePG Abstract Committee | 2015 till date |

**(IV). CONTRIBUTION TO THE NATION:**

(a) Agric. teacher at Okrika Grammar School, Okrika, Rivers State 1994-1995

(b) Teaching, supervision and impartation of knowledge and skills to students

(c) Contribution to scientific knowledge through research

(d) Training of manpower for both the state and federal levels

**D. MEMBERSHIP OF AND REGISTRATION WITH PROFESSIONALBODIES:**

(a) member of Science of Nigeria (SAN)

**E. PUBLICATIONS:**

**I. Thesis / Dissertation:**

(i) *Control of dry rot disease of Dioscorea rotundata Poir using selected plant extracts and Trichoderm viride in South-West Nigeria.* Ph.D Thesis Olabisi Onabanjo University, Ago-Iwoye, 2015.

(ii). *Seasonal variation of extract from Cassia fistula* and *Cassia spectabilis*. M.Sc. Dissertation. University of Ibadan, Nigeria, 1998.

(iii). *A review of the family Leguminosae*. M.Sc. Seminar report, University of Ibadan, Nigeria, 1998.

(iv). *Effect of Helminthosporium maydis* (NIS &MIY) *on the yield of maize.* B.Sc. Dissertation, Ogun State University, Ago –Iwoye, Nigeria, 1994.

**II. Contribution to books and monographs:**

1. Olatayo, T.O., Amusa, N.A., Aladesida, A.A. and **Odunbaku, O.A.** (2011). Understanding Biometrics. BisiBest Prints and Publishing**. Nigeria**.ISBN: 978-978-80248-82. 90pp

2. **Sobowale, O.A.** (2001)**. “**Economic Botany 2” in Plant Diversity.Edited by Adebanjo, Fola and Oyesiku, Wole. Vebric publications, Nigeria. ISBN. 978-31663-6-X. Pg.158-174.

**III. Published Journal Articles**

1. Abo, K.A., Adeyemi, A.A. and **Sobowale, O.A.** (2000). Seasonal variation of hydroxyanthraquinone content of cultivated *Cassia spectabilis* DC. *African journal of Medical Science* 29, 141-144*.*( U.I., **Nigeria**).

2. Abo, K.A. Adeyemi, A.A. and **Sobowale,** O.A. (2001). Microscopic evaluation and seasonal variation of anthraquinone glycosides of cultivated *Cassia fistula* Linn. *African Journal of Medical Science* 30, 9- 11*.* (U.I., **Nigeria**).

3. Lawal, O.A. and **Sobowale, O.A.** (2001). Laboratory Evaluation of the Larvicidal Activites of Methanolic Extract of *Tetrapleura tetraptera* (*Mimosaceae* ) of larvae of Mosquitoes. *African Journal of Environment Studies.*3 (1&2) 118-121. (**Nigeria**)

4. Banjo, A.D, Lawal, O.A., Owolana, O.A., Olubanjo, O.A, Ashidi, J.S., Dedeke, G.A., Soewu S.O. and **Sobowale,** O.A.(2003). An ethno-zoological survey of insects and their allies among Remos, (Ogun state). *Indillinga African Journal of Indigenous Knowledge System* 2(1) 61-65. (**South Africa**).

5. Amusa, N.A and **Odunbaku**, O.A. (2007).Biological control of bacterial diseases of plant in Nigeria. Problems and prospects. *Research Journal of Agriculture and Biological Sciences.* 3(6): 979-982. INSInet publications.(**Pakistan**).

6. Owa, S.O., Moreyibi, O.H., Dedeke, G.A., Morafa, S.O.A., Senjobi, B.A., **Odunbaku, O.A.** and Aladesida, A.A. (2008). Effect of over seasoned earthworm products on seed germination: implication for early rain cropping. *Journal of Applied Science Research*, 4(6): 683-687. (**Pakistan**).

**7. Odunbaku, O.A.,** Ilusanya, O.A.F. (2008). Antibacterial activity of the ethanolic and methanolic leaf extract of some tropical plants on some human pathogenic microbes. *Research Journal of Agriculture and Biological Sciences*. 4(5): 373-376. (**Pakistan**).

8. Amusa, N.A., Sobowale, A.A., **Odunbaku, O.A.,** Feyisola, R.T., and Basola A.O.(2008). Market disease of kola nut in some selected markets in Ogun State, South Western Nigeria. *African Journal of Pure and Applied Sciences* 1(1) 1-7. (**Nigeria**).

9. Amusa, N.A., **Odunbaku,O.A.,** Feyisola, R.T. (2008). Incorporating bean into the traditional feeding habits of a nation: Lesson from Nigeria*. International Journal of Multi-disciplinary*. 161-166. (**Nigeria**).

10. Amusa, N.A.and **Odunbaku, O.A.** (2009). Microbiological and quality of hawked kunun

(A sorghum based non-alcoholic beverage) widely consumed in Nigeria. *Pakistan Journal of Nutrition*.8 (1): 20-25.(**Pakistan**).

11. **Odunbaku, O.A**.and Ilusanya, O.A.F. (2011). Synergistic effect of ethanol leaf extract of *Senna alata* and antimicrobial drugs on some pathogenic microbes*. Advances in Environmental Biology*. 5(8):2162-2165. (**Jordan**).

12**.** Ilusanya, O.A.F., **Odunbaku, O.A.,** Adesetan, T.O. and Amosun, O.T. (2012). Antimicrobial activity of fruits extracts of *Xylopia aethiopica* and its combination with antibiotics against clinical bacterial pathogens. Journal of Biology, Agriculture and Healthcare. 2 (9):1-8. **(USA).**

13. **Odunbaku, O.A.**(2012). Antimicrobial effect of three Nigerian shrubs. *International Journal of Science and Advanced Technology*.2 (8):43-46. (**Bangladesh).**

14. **Odunbaku, O.A.** and Ashidi, J.S. (2012). Antimicrobial effect of ethanol leaf extracts of selected medicinal plants on some human pathogenic microbes. *International Journal of Science and Advanced Technology*. 2(8):39-42. (**Bangladesh**).

15. \***Odunbaku, O.A** and Ashidi, J.S. (2012). Synergism between ethanol leaf extract of *Lawsonia inermis* and antimicrobial drugs on some human pathogenic microbes*. Wudpecker Journal of Medicinal Plants*.1 (2): 019- 022. **South Africa**

16. \***Odunbaku, O.A .**and Ganiyu, S.K. (2012), Synergism between ethanol leaf extract of *Canariun schwenfurthi*i and antimicrobial drugs on some pathogenic microbes. *Global Research Journal of Agriculture and Biological Sciences.*3 (4):347-350. **South Africa**

**17.** \***Odunbaku, O.A .** and Amusa, N.A. (2012). Antibacterial and Antifungal effect of the ethanol leaf extract of *Newbouldia laevis*. *Global Research Journal of Agriculture and Biological Sciences.*3 (4):370-372. **South Africa**

18.. \*Ashidi, J.S., Efuntoye, M.O., **Odunbaku, O. A.** and Biliaminu S.A. (2013).**The** in-vitro **effect of Corchorus olitorius (Linn.) extract on the Antibacterial activities of five antibiotics.** *Global Research Journal of Microbiology* 2(2):13 –117. **South Africa**

**Short communications:**

1. **Odunbaku, O.A.,** Ilusanya, O.A.,and Akasoro, K.S. (2008). Antibacterial activity of

ethanolic leaf extract of *Ficus exasperata* on *Escherichia coli* and *Staphylococcus albus*. *Scientific Research and Essay.*3 (11) 562-564. **Kenya**.

Accepted paper:

1. Oriowo, B.F., Aina, K.S., Odunbaku, O.A and Amusa, N.A.(2016). Influence of tree stem location on physicochemical properties of *Terminalia catappa* (Lamk.) sourced from South-western Nigeria. *Journal of Forestry Research and Management.*Nigeria

**F**. **TECHNICAL REPORT: NIL**

**G. WORK IN PROGRESS:** The antimicrobial properties of some leaf extracts and the use of some soil micro-organisms as biological agents.

**H. CREATIVE WORKS AND PATENTS: NIL**

**I.CONFERENCES ATTENDED (WITH DATES)**

1. Workshop on Modern Trend in Separation Techniques and Structural Elucidation 7th -13thsep. 1997, Faculty of Pharmacy, Obafemi Awolowo University, Ile – Ife.
2. Workshop on Modern Trend in Separation Techniques and Structural Elucidation 15th -20th May, 2000.National Institute of Pharmaceutical Research and Development, Abuja.
3. 1st National Science Conference. Faculty of Science. Olabisi Onabanjo University, Ago-Iwoye. Sustainable Energy and Friendly Environment. 5th -7th Feb. 2008
4. 2nd Natural product research colloquium and guest lecture. Department of Phamacognosy. Faculty of Pharmacy. University of Ibadan. 20-21,Oct. 2008
5. Science Association of Nigeria 50th Anniversary conference, University of Abuja.

24th -28th April, 2016

**J. CURRENT RESEARCH ACTIVITIES:** The development of Bio pesticides for the control of post- harvest diseases of yam tubers in storage.

**K. CONTRIBUTION TO NATIONAL AND INTERNATIONAL LIFE:**

**Within the University:**

|  |
| --- |
| Secretary of Faculty Science Conferences Committee: |
| Secretary of Faculty of Science PG Abstract Committee |

Departmental Examination officer

**Outside the University:**

1. Youth Counsellor

2. Children teacher, Redeemed Christian Church of God. I – Igbo.