1.0 **PERSONAL DATA.**

* 1. **NAME (SURNAME):** Dr (.Mrs) Veronica Amaka Ezekoye.
  2. **DATE AND PLACE OF BIRTH:** July 8, 1964, Calabar.
  3. **NATIONALITY:** Nigeria.
  4. **RESIDENTIALADDRESS**:No.820 Imoke Street UNN

**CURRENT POSTAL ADDRESS**: Dr.(Mrs) V.A Ezekoye

School of General Studies,Natural Science Unit.

University of Nigeria

Nsukka.

* 1. **OFFICIAL STATUS**:**SENIOR LECTURER**
  2. **MARITAL STATUS AND NUMBER OF CHILDREN**: MARRIED with three (3) children.
  3. **PHONE NUMBER**: 08058820158
  4. **E**-MAIL:veronica.ezekoye@edu.ng

**1.9BIOGRAPHY**:Dr (Mrs)EzekoyeA.Veronica obtained a BS.Ed in Physics/Education, ,MSc. In Solar Energy Physics and a PhD in Solar Energy Physics from the University of Nigeria,Nsukka (UNN) .She joined the services of UNN in 2008 and is currently a Lecturer in the Department of Physics and Astronomy and School of General Studies,Natural Sciences Unit, University of Nigeria,Nsukka.

**2.0 EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES**

**A. SCHOOLS ATTENDED**:

2.1 Queen of the RosarySecondary SchoolNsukka (1980-1984).

2.2 Kogi State College of Education (1984- 1987).

2.3 University of NigeriaNsukka (1989-1993;2000- 2002; 2004-2008).

**B**. **ACADEMIC AND PROFESSIONALQUALIFICATIONS/DATES**

2.4 School Certificate (WAEC) (1984).

2.5 NCE (Maths/Physics) (1987).

.2.6 Bachelor of Science (B.Sc).ED/Physics (1993).

2.7 Master of Science (M. Sc.). Solar Energy Physics (2002).

2.8 Doctor of Philosophy Ph.D. Biogas Generation & Storage (2008)

**2.9 AR**EA OF SPECIALIZATION.:Solar Energy Field

**3.0 PREVIOUS/PRESENT EMPLOYERS (WORKING EXPERIENCE)**

3.1 (**A**) CommunitySecondary SchoolAnkpa (1990-1996).

Assistant Education Officer-Education Officer.

3.2 (**B**) Kogi College of Education (1996-2008).

Lecturer 3 – Senior Lecturer (1996-2006).

3.3 (**C**) University of Nigeria Nsukka Lecturer 11(2008)

3.4 EXTRA-CURRICULA ACTIVITIES: Research Work, Reading and Literature distribution.

* 1. **PUBLICATIONS (see Attachment A).**

1. **CONFERENCES AND WORKSHOPS ATTENDED WITH PAPER PRESENTED** (**see Attachment B**)
2. **THREE REFEREES**

1) Prof. B.A. Ezekoye, Prof. Dr. F.I. Ezema and Prof.J. Urama

Department Physics and Astronomy, University of Nigeria, Nsukka.

**7.0 RESPONSIBILITIES**

2017/2018 C0mmittee Appointment

Examination-Member

Journal Editorial Board-Member

Servicom-Natural Sciences Unit Representative

Environmental Committee-Chairperson

Natural Science Unit Development Committee-Member

**8.0 MEMBERSHIP OF PROFESSIONAL BODIES**

Teachers Registration Council Of Nigeria-Member

Nigerian Institute Of Physics (NIP)-Member

Solar Energy Society Of Nigeria-Member

Biotechnology Society Of Nigeria-Member

1. **PUBLICATIONS** **(see Attachment A.)**

4.1 Ezekoye B. A. and V. A. Ezekoye, (1996). Implementation of Science, Technology and Mathematics (STM) core-curriculum: The Project Approach. In The Proceedings of Science Teachers Association of Nigeriia (STAN) Workshop, Kogi State: 25-31.

4.2 Ezekoye V. A. (2003). Environment Degradation: Causes, Prevention and Implications for Science Education in Nigeria. *Ilorin Journal of Science Education (IJOSE).* 2 (2): 228-234.

4.3 Ezekoye V. A. (2003). Generation and Utilization of Biogas and its Implication for National Development *NASHER Journal.* 1(1): 177-184.

4.4 Ezekoye V. A. (2004). A comparative Study of Biogas Production from Cow Dungs and Cassava Peels. *TEJ (Teacher Education Journal)*. 11(9): 64-70.

4.5 Ezekoye V. A. (2004). Improving the quality of Drying Agricultural Produce through Solar Energy. *NASHER JOURNAL.* 2 (2): 99-103.

* 1. Ezekoye V. A. (2005). Photovoltaic Refrigeration for Medical Application in Developing Countries, the Science Teacher Today. *Journal. of School of Sciences, FCE, Eha- Amuufu.*  3 (1): 44-49.

4.7 Ezekoye V. A. (2004). Construction and Evaluation of Cookstoves. *TEJ (Teacher Education Journal).* 12: 89-96.

4.8 Ezekoye V. A. and C. E. Okeke, (2006). Design, Construction, and Performance Evaluation of Plastic Biodigester and the Storage of Biogas. *Pacific Journal of Science and Technology.* USA. 7 (2): 176-184.

4.9 Ezekoye.V.A (2008).Anaerobic Digestion of Cassava Peels in Batch Operated Platic Digester

and the use of stored biogas for Heating. *Journal of Home Economics Research,* University of Nigeria, Nsukka. 9:104-112.

4.10 Ezekoye, V.A. (2010). A Comparative Study on Biogas Production from Pig Dung, Spent Grains and Poultry Droppings. Journal of Liberal Studies University of Nigeria Nsukka 13 (1):241-249. .

4.11 Ezekoye. V.A. (2009) Studies on the Influence of Rice Husk on Biomethanation: 1. Optimal Condition for Digestion and the Domestic Use of Stored Biogas.  *Pacific. Journal of Science and Technology U.S.A.10 (2) 889-897*

4.12 Ezekoye. V.A. and Ezekoye B.A. (2010) Characterization and storage of Biogas produced by the anaerobic digestion of cow dung, spent grains/cow dung and cassava peels/rice husk. *Pacific Journal of Science and Technology U.S.A*. 10(2): 898 -904.

4.13 Ezekoye. V.A. and Ezekoye B.A. (2010) Generation and storage of Biogas from mixture of cassava peels and cow dung. *Journal of Physical Sciences.* 1(1): 49 -58.

4.14 Ezekoye. V.A., Ezekoye B.A., Offor, P.O. and Uba J.I. (2010) Fabrication and characterization of wide-band helical antenna for space and satellite communications applications. *Nigerian Journal of Space Research* 6: 25 -31

4.15 Ezekoye.V.A., Ezekoye B.A., (2010) The effect of seasons temperature and Nitrogen release on cow dung and pig dung treatment in anaerobic sequencing batch reactors. *Nigerian* .*Journal of Biotechnology.* Volume; 21;1-11

4.16 Ezekoye.V.A and Ezekoye.B.A.(2010) Influence of inoculums age on biogas generation from spent grains and cow dung. *Nigerian Journal of Solar Energy* (NJSE).21; 133-139.

4.17 P.O. Offor, V.A. Ezekoye, and B.A. Ezekoye (2010)Influence of Heat Treatment on the Mechanical Properties of 0.13Wt%C Structural Steel. *Pacific Journal of Science and Technology U.S.A*. *11(2):16-21.*

4.18 P.O. Offor, B.A. Ezekoye and V.A. Ezekoye, (2010) Hardness Properties of Intercritically Normalized 0.14wt%C Structural Steel. *Pacific Journal of Science and Technology U.S.A*.11 (2):5-8.

4.19 P.O. Offor, V.A. Ezekoye and B.A. Ezekoye (2010) Toughness Properties of Intercritically Normalized 0.14wt%C Structural Steel. *Pacific Journal of Science and Technology U.S.A*.12 (1):71-75.

**4.20** Ezekoye, V.A., Ezekoye, B.A. and Offor P.O.(2011) Effect of Retention Time on Biogas Production from Poultry Droppings and Cassava Peels. *Nigerian* .*Journal of Biotechnology.* Vol. 22 ; 53-59

**4.21** B.A.Ezekoye,V.A.Ezekoye,P.O.Ike and A.C.Nwanya (2011) Estimating Monthly Solar Radiation Of Nsukka Using Some Temperature Based Radiation Models *Nigerian Journal of Solar Energy* (NJSE).22;57-60.

4.22 V.A Ezekoye (2013) A comparative study of biogas production using plantain/almond leaves

and pig dung, and its applications. *International Journal of Physical Sciences* Vol. 8(23), pp. 1291-1297, 23 June,

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4.23 V.A Ezekoye (2013) Biogas Generation From Plant and AnimalWastes, Its Purification,

Compression and Storage/Usage. *International Journal Of Scientific Research (*IJSR) .Vol.2 (7); pp. 31-34

4.24 B.A. Ezekoye , V.A. Ezekoye, P.O. Offor and S.C. Utazi.(2013) Synthesis, Structural And

Optical Characterizations of Cadmium Oxide (CdO) Thin Films By Chemicai Bath Deposition (CBD) Technique. *International Journal of Physical Sciences* Vol. 8(31), pp. 1597-1601, 23 August, 2013

4.25 B.A. Ezekoye , V.A. Ezekoye, F.I.Ezema, P.O. Offor and D.C.Obiegbunna (2013) Syntheses and

Properties Characterizations Of Titanium Oxide/Cadmium Sulphide Nanocomposites By Chemical Bath Deposition Technique . *International Journal of Scientific Research (*IJSR) .Vol.2 (8); pp. 448-451

4.26 B.A. Ezekoye , P.O. Offor, V.A. Ezekoye and F.I.Ezema. Chemical Bath Deposition Technique

of Thin Films: A Review. *International Journal of Scientific Research (*IJSR) .Vol.2 (8); pp. 452-456

4.27 B.A. Ezekoye , V.A. Ezekoye, F.I.Ezema, P.O. Offor and B.E. Aroh..Synthesis.Structurral and

Surface Morphological Characterizations of Tin Dioxide Nanoparticles Via Chemical Route. *International Journa l of Scientific Research (*IJSR) .Vol.2 (10); pp. 1-4

4.28 B. A. Ezekoye,F.I .Ezema, **V.A .Ezekoye,** P. O. Offor,U. Uduh.(2014) Synthesis,Structural And Surface Morphological Characterizations Of Sulfated Zirconia Nanoparticles Via Chemical Route  *Nigerian Journal of Technology* (NIJOTECH)Vol.33(1),pp.54-59

4.29 **Ezekoye, V.A.**, Onah, D .U, Offor P.O, and Ezekoye, B.A**.**

Characterization of biogas produced from rice husks and algae using a metal fixed-dome

biodigester.*Global Journal Of Sicence Frontier Research G Bio-Tech &Genetics* vol. 14 issue

1 version10 year 2014

**4.30** Offor P.O, Okorie, B .A Ezekoye, B.A , V.A. Ezekoye, , .Ezema, J.I (2015)

**Ch**emical spray pyrolysis synthesis of zinc sulphide (ZnS) thin films via double source precursors.journal of ovonic research .vol.11, No.2; pp73-77

4.31 B. A. Ezekoye, K.O.Ighodalo,,V.A .Ezekoye, T.M.EmeakarohaJ.I .EzemaP. O. Offor,(2015). .(Nanocrystalline nanocrystalline cadmium sulfide (CdS) thin film synthesized at different dip times by chemical bath deposition technique. *International Journal of Physical Sciences* Vol.10 No.13 pp403-412

4.32 B. A. Ezekoye1\*, T. M. Emeakaroha1, V. A. Ezekoye1, K. O. Ighodalo1 and P. O. Offor (2015)

Optical and structural properties of lead sulphide (PbS) thin films synthesized by chemical method. *International Journal of Physical Sciences.VOL. 10(13),pp.385-390.July 2015*

4.33 T. M. Emeakaroha, B. A. Ezekoye\*, V. A. Ezekoye,K. O. Ighodalo (2016)

Optical and structural properties of silar-grown highly Oriented lead sulphide (pbs) thin films

Chalcogenide Letters. Vol. 13, No. 3, March 2016, p. 91 – 96.

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| 4.34 Veronica A. Ezekoye1\* and Benjamin Ezekoye (2016) Extraction and characterization of biodiesel from *Borassus aethiopum* and *Cassia sieberiana. International Journal of Physical Sciences.* Vol. 11(4), pp. 50-59, |
| 4.35  **Ezekoye, V.A.**, Ezekoye, B.A**.** ,Ofomatah Anthony ,Onah, D .U, and Offor P.O,(2016) Biodegradation with heterogeneous catalyst in the production of biogas from wheat wastes,rice husk and spent grains. *International Journal of Physical Sciences.* Vol. 11(2), pp. 23-31,*.* |
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**5.O CONFERENCES AND WORKSHOPS ATTENDED WITH PAPERS PRESENTED (see**

**Attachment B.)**

* 1. Induction Course for Senior Civil Servants: Kogi State Government –Bureau of Establishment, Training and Pension.29th May 1995- 2nd June 1995
  2. Kogi State College of Education School of Arts and Social Sciences [SASS] Second National Seminar. Paper presented: Photovoltaics in Nigerian Development the Challenges of the New Millennium
  3. National Solar Energy forum 2002 (NASEF’ 02). Paper presented: Photovoltaic Refrigerator for Medical Applications in Developing Countries.
  4. Zigs Educational Consultancy Services –Training Workshop for Teachers in Post Primary Institutions is Kogi State 7th May 1996.
  5. 1st Annual National Conference of School of Sciences Kogi State Collage of Education –2nd-5th June 1998. Paper Presented: Environmental Degeneration, Causes, Cure and Implications for Science Objectives
  6. Workshop of Science Teachers Association of Nigeria (STAN) Kogi State Branch. Paper presented: Project Approach to Science Teaching in Nigeria.
  7. Annual Conference of Kogi state Collage of Education School of Arts and Social Science. Paper presented: Biogas Generation in Nigeria Development. 12th-16th of June 2002.
  8. 3rd National Conference School of Sciences, Kogi State Collage of Education 2nd-5th of July 2003: Paper Presented: A Comparative Study of Biogas Production

from Cow Dungs and Cassava Peels.

* 1. 3rd National Conference, School of Sciences, Kogi State Collage of Education 2nd-5th July 2003. Paper Presented: Improving the Quality of Dry Agricultural

Materials through Solar Drying.

* 1. Home Economics Research Association of Nigeria HERAN 5th Annual National Conference 2004 Paper presented: Improving the Household Resources

### Management through Anaerobic Digestion (Bogas Technology).

* 1. 4rd National Conference, School of Sciences, Kogi State Collage of Education,11-14th May, 2006. Paper Presented: A Comparative Study of the Performance of Physics Sandwich Regular Student (of NCE Level at the Integrated Science Department).
  2. 29th Annual Conference of the NIP held at the University of Nigeria, Nsukka, ,16-19th August 2006. Paper Presented: Design, Construction and Performance Evaluation of Plastic Biodigester and the Storage.
  3. Home Economics Research Association of Nigeria HERAN, 8th Annual National Conference ,2007. Paper presented: Anaerobic Digestion of Cassava Peels in Batch-Operated Plastic Biodigester and the use of Stored Biogas for Heating.
  4. Kogi State College of Education Ankpa first research workshop 15-16th November 2005 Theme: the Research process.
  5. Home Economics Research Association of Nigeria. HERAN 6th Annual National conference 7th-10th September 2005 paper presented: commercializing the Technology of solar and Biomass Energy for Household management.
  6. Workshop on Nanotechnology and Nanosciences Education. US/Africa materials institute (USAMI) USA at U.N.N from 21st to 22nd March 2008.
  7. The 5th National conference of the school of sciences on Education Reforms and the sustainability of standards in science. 10th-14th June 2008. Paper presented. Studies on the influence of Rice Husk on Biomethanations.
  8. National Solar Energy forum (NASEF 2009) 2-4th of November 2009. Papers presented: (a) Influence of inoculum age on Biogas generator from spent grains and cow dung (b) Nanomaterials and Nanotechnology for meeting the energy challenges in 21st century in Africa

5.19 The 23th Annual Conference Biotechnology Society of Nigeria (BSN UNN 2010) 22nd-26th, August, 2010.Paper presented: The effect of retention time on biogas production from poultry droppings and cassava peels

5.20 2010 IN-HOUSE LEADERSHIP TRAINING WORKSOP.UNN

5.21National Solar Energy Forum (NASEF) 2010 3th-6th November, 2010. Paper presented   
;(a) The effect of retention time on biogas production from poultry droppings and cassava peels (b) Nanomaterials and Nanotechnology for meeting the energy challenges in 21st century in Africa.

5.22 1st African Annual Workshop and Training Course on ALGAE 21st-22nd February, 2011

2011.

5.23 Workshop On Concept And Principles Of Trans-Disciplinarity,Teaching Methods In

The University System, Skills In Writing Research Proposal On Climate Change Adaptation, And Stakeholder Input Into The Draft Research Policy And Academic Programmes Of The University Of Nigeria 5-7th March 2012

5.24. Workshop on Trans-Disciplinary Research Methods, Curriculum for Building Climate

Change Adaptation Skill and review Of proposals For Grant 23-24th April 2012

5.25 One Day Workshop On Harmonization Of Contents Of Reproductive Health Topics In

The GES Course on 8th October, 2013 At Manor Hotel And Suites Ltd.

**5.26** 1st African International Conference/Workshop on Applications of Nanotechnology to Energy. Health and Environment. March 23-29, 2014

**5.27 2nd** African International Conference/Workshop on Applications of Nanotechnology to Energy. Health and Environment. July 4-7th, 2016

5.28. Mandatory Post Graduate Supervisors/Teachers Workshop In Collaboration With Globethics Geneva Switzerland.7th To 13th April, 2017.

5.29.1st Annual General Meeting Of Scientific Conference. The Impact of Women In Science In National Development.29th May To 1st June, 2017. Paper Presented: Optimization Of Methane Production By Anaerobic Digestion Of Plant Wastes.