**CURRICULUM VITAE**



**DR REBECCA U. ETIUBON, BSc. (Hons) Chemistry, PDGE (Ed.),**

**MSc (Anal. Chem), PhD (Chem Edu), mTRCN.**

**DEPARTMENT OF SCIENCE EDUCATION**

**FACULTY OF EDUCATION**

**UNIVERSITY OF UYO, UYO**

**CURRICULUM VITAE**

1. **PERSONAL DATA:**
2. **Full Name:** Dr. (Mrs) Etiubon, Rebecca Ufonabasi
3. **Date and Place of Birth**: 1/3/62 Ita Uruan, Uruan L.G.A., Akwa Ibom State
4. **Nationality**: Nigerian
5. **Permanent Home Address**: 48 Nelson Mandela Road Uyo, Akwa Ibom State, Nigeria
6. **Current Postal Address**: Box 4207, Uniuyo P.O. and Science

Education Department, University of Uyo, Uyo.

* 1. **Cell phones:** +234 802-706-8894
  2. **E-mail:** etiubon@yahoo.com

1. **Marital Status**: Married
2. **Number and Ages of Children**: Three (22, 17 & 13)
3. **Date and place of First appointment:** 10th October 1990- State Secondary Management Board, Calabar, Cross River State.
4. **Status/Rank at First Appointment**: Lecturer 2
5. **Date of Appointment In The** **University of Uyo:** 14th December, 2007
6. **Present Status/Rank and Salary:** Lecturer/Senior Lecturer/ CONAUSS 5 STEP 7
7. **Date of Last Promotion/Upgrading**: October 1st, 2014.
8. **Date of Confirmation of Appointment**: January 31, 2010.
9. **Department/ Unit**: Science Education Department/ Chemistry
10. **Faculty**: Education
11. Transfer of service from Akwa Ibom State Secondary Education Board
12. **ACADEMIC AND PROFESSIONAL BACKGROUND:**
13. ***Higher Educational Institutions Attended With Dates:***
14. University of Calabar, Calabar, Cross River State 1982 - 1986
15. University of Ibadan, Ibadan, Oyo State 1988 - 1990
16. University of Calabar, Calabar, Cross River State 1999 - 2002
17. University of Uyo, Uyo Akwa Ibom State 2004 - 2009
18. ***Academic Qualifications With Dates:***
19. Ph.D (Chemistry Education) March 17th 2010
20. PGDE (Education) 4th September, 2002
21. M.Sc ( Analytical Chemistry) April 9, 1990
22. NYSC certificate Sept 1987
23. B.Sc (Hons.) Chemistry 20th August 1986
24. WAEC 1980
25. FSLC 1975
26. ***Area of Specialization:*** Chemistry Education.

**C. DISTINCTION AND AWARDS WITH DATES**: Certificated as indicated above.

1. **Award of Excellence:** From Foursquare Gospel Church, Uyo District **For** Commitment and contribution to the Growth and Development of the Children's Sunday School Department, 2015.
2. Letter of Commendation for Productivity on continuous Research and Scholarly Achievement by the Management of the University of Uyo, 2016.

**D. WORK EXPERIENCE WITH DATES**

(i) **WORK EXPERIENCE BEFORE PRESENT APPOINTMENT**

(a)National Youth Service Corps (NYSC) Sept, 1986- Sept, 1987

(b) Teaching Chemistry in Senior Secondary Schools, Calabar 1990 - 2002

(c)Library Teacher, Community Secondary Commercial School, Uyo 2005 - 2008

**RESPONSIBILITIES**

1. **Head of Integrated Science Unit:** West African Peoples’ Institute, Calabar 1992- 95
2. **Head of Science:** St. Patrick’s College, Ikot Ansa, Calabar 1996 -98
3. **Head of Chemistry Unit:** Community Secondary Commercial School,

Ifiayong Usuk, Uruan LGA 2003 - 2004

(ii) **WORK EXPERIENCE IN THE UNIVERSITY**

(a) **COURSES TAUGHT WITH DATES**

**Undergraduate**

EDU 311(B) – Integrating Science Methods (3CH)

SED 313 – Improvisation in Integrated Science (3CH)

SED 321 – Environment and Population (2CH)

SED 421 – Cycles In Nature (2CH)

SED 212 – Chemistry for Integrated Science (3CH)

SED 214 – History and Philosophy of Integrated Science Education in Nigeria (3CH)

SED 412 – Nigerian Industries and Industrialization (3CH)

SED 315 – The Nigerian Primary and Secondary School Science Curricula (3CH)

SED 225 – Nigerian New Basic Science Curriculum (3CH)

SED 325 – The Nigerian Primary and Secondary School Science Curricula (3CH)

SED 413 – Science, Technology and Society (3CH)

SED 422 – Integrated Science Curriculum Design and Implementation (3CH)

EDU 499 – Project in Science Teaching (3CH)

EDU 421 – Seminar in Science Teaching (3CH)

**Masters/PhD**

SED 611 – Curriculum issues, trends and implementation (3CH)

SED 631 – Dissertation

SED 741 – Laboratory and Workshop Practices in Integrated Science (3CH)

SED 623 – Teaching Difficult Concepts in Senior Secondary School Chemistry (3CH)

SED 622 – Resources and Instructional Strategies in Science Education (3CH)

**PhD**

SED 741 – Workshop and Laboratory Practice in Integrated Science (3CH)

SED 742 – Environmental Science Education (3CH)

SED 721 – Postgraduate Dissertation and Theses (4CH)

SED 731 – PhD Theses (6CH)

(I) **POSTGRADUATE SUPERVISION: SUCCESSFULLY SUPERVISED WITH DATES, THESES AND DISSERTATIONS**

|  |  |  |  |
| --- | --- | --- | --- |
| **S/N** | **PROGRAMME** | **NO. GRADUATED** | **NO. ONGOING** |
| 1 | Masters | 13 | 6 |
| 2 | PhD | 5 | 6 |
|  | **Total** |  |  |
| 3 | Chief Supervisor:  Masters/PhD | 5 |  |

**EDU 631 - Dissertation Supervision (Masters)**

* + 1. **Name: MANDU JEROME EBU 12/PG/SE/ED/008**

**Title: Evaluating the Impact of Inquiry-Based Strategy on Chemistry Students’ Academic Achievement and Retention in Electrolysis**

**Defence Date: 28/8/13**

* + 1. **Name: Abigail Anietie Udoh** 11/PG/ED/SE/007

**Title:** ICT-Based Resources, Problem-Solving and Students’ Performance on the Concept of Chemical Equilibrium in 2o Schools in Uyo Local Government Area, Akwa Ibom State

**Defence Date: 24/9/2014**

* + 1. **Name: ANTHONY SUNDAY SAMUEL** 13/PG/ED/SE/009

**Title: The Use of Models in Teaching the Role of Electrons in the Formation of Bond Types in Chemical Compounds.**

**Defence Date:** 24/9/2014

* + 1. **Name:**
    2. **Name: Nsubong Mendie Ezekiel (14/PG/ED/SE/005)**

**Title: Effects of Improvised and Standard Resources on Secondary School Students’ Academic Achievement**

**and Retention in Chemistry (Defence Date: 27/10/16)**

* + 1. **Name: IDORENYIN WILSON AKPAN 14/PG/ED/SE/002**

**Title: Computer Tutorial and Drill-practice Strategies on Academic Achievement and Retention of Biology Students on Energy Transformation in nature in Uyo, Nigeria**

**Defence Date: 15/12/2017**

* + 1. **Name: Ime Ekpe Thomas (Reg. No. 17/PG/ED/SE/ 024)**

**Title: Relative Effectiveness of Frame Quadrat and Line Transect Teaching in Students’ Academic Achievement of Plant Population Estimate, Akwa Ibom State**

**Defended 18/10/2019**

* + 1. **Name: BARNABAS ANTHONY EKONG (17/PG/ED/SE/003)**

**Title: Effects of Energy Kits on Students’ Performance and Retention in the Concept of Light Energy in Junior Secondary Schools in Uyo**

**Defence Date: 16/10/2019**

* + 1. **Name: MABEL, INI-IBEHE EDEN 15/PG/ED/SE/005**

**Title: Effects of Instructional Materials on Senior Secondary Students’ Acquisition of Practical Skills in Chemistry**

**Defence Date : 6/4/2019**

* + 1. **Name: Nsikan Isaiah Williams (14/PG/ED/SE/006)**

**Title: Effects of Cognitive Styles on Senior Students Performance and Retention of Science Process Skills In Chemistry (Defence Date: 10/2/2020)**

* + 1. **Name: ADEMIDUN OPEOLUWA (17/PG/ED/SE/013)**

**Title: Effects of Jigsaw and Individualized Learning Strategies on Biology Students’ Academic Performance and Retention in Teaching Variation in Population in Abak, Nigeria.**

**Defence Date: 23/2/2020**

* + 1. **Name: JOSEPH JOHNNY IDUNGATA (17/PG/ED/SE/008)**

**Title: Comparative Effects of Jigsaw and Cooperative and Guided Inquiry Instrial Strategies on Secondary School Students’ Achievement and Retention in Energetic in Ukanafun Local Government Area, Akwa Ibom State**

**Defence Date : 23/2/2020**

* + 1. **Name: ABAKASANGA, PATIENCE AMANAM (17/PG/ED/SE/007)**

**Title: Teachers’ Self-Efficacy and Students’ Academic Achievement on the Concept of Mammalian Teeth in Senior Secondary School Biology in Ibesikpo Local Government Area**

**Defence Date: 6/3/2020**

* + 1. **Name: Akintaju, Tubosun Peter**

**Title: Direct Instruction and Interactive Learning Strategies on Biology Students ’**Achievement and Retention on Animal Nutrition in Senior Secondary in Abak Local Government Area (Defence Date: 2/3/2020)

* + 1. **Name: WILLIAMS, IDONGESIT SYLVANUS (18/PG/ED/SE/002)**

**Title: Effects of Laboratory Method, Problem-Based Learning and Expository Strategies on Biology Students’ Academic Achievement and Retention on Plasmolysis**

**Defended: 18/2/2021**

* + 1. **Name: Utibe Charles Akpan**

**Title: Effects of Three Inquiry Learning Models on Students’ Academic Achievement and Retention on Gas Laws** in Senior Secondary Chemistry, Uyo Metropolis, Nigeria

Defended: 20/11/22

* + 1. **Name: MKPANAM, IDONGESIT BASSEY (19/PG/ED/SE/017)**

**Title: Influence of Students’ Variables on their Academic Achievement in Senior Secondary School Biology, Uyo Local Government Area**

**Defended: 26/6/2023**

* + 1. **Name: UDOIDIONG, DIANA-ABASI C. (19/PG/ED/SE/024)**

**Title: Animation-Video and multimedia Text on Biology Students’ Academic Achievement and Retention in Homeostatics in Senior Secondary Schools, Abak Local Government Area**

* + 1. **Name: UDO CHRISTIANA AUGUSTINE**

**Title: Effects of Guided-Discovery and Demonstration Strategies on Senior Secondary Students’ Achievement and Retention in Biology in Uyo Local Government Area, Akwa Ibom State**

* + 1. **Name: ABIGAIL OKON JACOB (18/PG/ED/012)**

**Title: Teachers’ Characteristics and Biology Students’ Academic Achievement on Concept of Pollination in Plant in Esit Eket Local Government Area**

**26/8/2021**

* + 1. **Name:**

**Title:**

**CO-SUPERVISOR (PhD)**

* + 1. **Name:**

**Title:**

* + 1. **Name:**

**Title:**

* + 1. **Name:**

**Title:**

* + 1. **Name:**

**Title:**

* + 1. **Name:**

**Title:**

**SUPERVISOR (PhD)**

* + 1. **Name: IBEREDEM BASSEY DANIEL 17/PG/ED/SE/PhD/001**

**Title: Problem-Solving Models and Students’ performance in Chemistry Quantitative Problems in Senior Secondary Schools in Abak, Nigeria**

**Defence Date: 10/10/2019**

* + 1. **Name: NSIBIET USO EKANEM (17/PG/ED/SE/004)**

**Title: School Variables and Students’ Academic Achievement in Chemistry in Tertiary Institutions in South-South Zone, Nigeria**

**Defence Date :** **27/2/2020**

* + 1. **Name: Mary Ideba Anari (18/PG/ED/SE/PhD/003)**

**Title: Comparative Effects of Blended Learning and Computer Simulation Instructional Strategies on Students’ Achievement and Retention in Chemistry, Cross River State, Nigeria**

**Defence Date: 2/2/2022**

* + 1. **Name:**

**Title:**

* + 1. **Name:**

**Title:**

**INTERNAL EXAMINATION SUPERVISION OUTSIDE THE DEPARTMENT**

* + 1. **Name: ALPHONSUS ONYEKACHI OKECHUKWU (17/PG/ED/ET/PhD/007)**

**Title: Institutional Variables and Research productivity of Librarians in Federal University Libraries in South-South and South-East, Nigeria**

* + 1. **Name: EDIDIONG, FRIDAY JOE (16/PG/ED/ET/PhD/003)**

**Title: Video-Conferencing and Webinar as Teaching Resources on Academic performance and Retention of Year Two Students in Chemistry in South-South Public Universities, Nigeria**

**34. Name: ESTHER JOSEPH AKPAN (14/PG/ED/ET/008)**

**Title: Teachers’ ICT Competency Skills and Teaching Effectiveness in Chemistry in Public Secondary Schools in Akwa Ibom North East Senatorial Zone**

**Defence Date: 8/5/2019**

**35 Name: MARTHA GABRIEL OTON (14/PG/ED/EF/018)**

**Title: Utilization of Flaunders Interaction Analysis Category System in Accessing Mathematics Teaching Quality in Secondary Schools in Akwa Ibom State**

**Defence Date: 20/2//2020**

**36 Name: ETIDO ETIM ETEFIA (16/PG/ED/ET/007)**

**Title: Implementation of National Universities Commission Library Parameters and Accreditation Readiness for Academic programmes in Federation Universities of South-East Nigeria**

**Defence Date: 14/12/2022**

* + 1. **Name: FENNO OFONIME AKPAN (17/PG/ ED/EF/024)**

**Title: Application of Rasch Model in Development and Validation of Students’ Examination Cheating Tendency Scale for Secondary Schools in Akwa Ibom State.**

**Defence Date : 22/5/2023**

* + 1. **Name:**

**Title:**

* + 1. **Name: ALPHONSUS ONYEKACHI OKECHUKWU (17/PG/ED/ET/PhD/007)**

**Title: Institutional Variables and Research productivity of Librarians in Federal University Libraries in South-South and South-East, Nigeria**

* + 1. **Name: EDIDIONG, FRIDAY JOE (16/PG/ED/ET/PhD/003)**

**Title: Video-Conferencing and Webinar as Teaching Resources on Academic performance and Retention of Year Two Students in Chemistry in South-South Public Universities, Nigeria**

* + 1. **Name:**

**Title:**

**CHIEF SUPERVISOR (MASTERS/PhD)**

1. **Name:**

**Title:**

1. **Name:**

**Title:**

1. **Name:**

**Title:**

1. **Name:**

**Title:**

1. **Name:**

**Title:**

1. **Name:**

**Title:**

1. **Name:**

**Title:**

1. **Name:**

**Title:**

1. **Name:**

**Title:**

1. **Name:**

**Title:**

1. **Name:**

**Title:**

1. **Name:**

**Title:**

1. **Name:**

**Title:**

1. **Name:**

**Title:**

1. **MEMBERSHIP IN COMMITEES AND POSITIONS OF RESPONSIBILIT WITHIN THE UNIVERSITY**

**Member: Senate, University of Uyo March 13, 2022 till date**

**Member: Science Education Department Postgraduate Board 2016**

**Supervisor: Teaching Practice Exercise 2010**

**Member: Girlchild Sensitization and Awareness to Secondary**

**Schools in Akwa Ibom Metropolis (Women in Science) 2014**

**Chairman: Committee on Collation of Answer scripts,**

**Marking Guide and Question Papers for Accreditation**

**in Science Education 2015**

**Member: 24th Convocation Planning Committee of the**

**University of Uyo (Protocol Committee) 2018**

**Member: Supervision of Federal Government Youth Empowerment**

**(N-Power Programme) in Akwa Ibom Schools 2019**

**Member: Committee for Requisition, stocktaking of Facilities**

**in Science Education Department 2018 till date**

**Member: Panel to assess published Journals of Science**

**Education Academic Staff 2018 till date**

**Member: Local Organizing Committee for Faculty Education**

**National Conferences 2012- 2015**

**Member: 22nd and 23rd Combined Convocation**

**Planning Sub-Committee 2017**

**Member: Faculty Board of Education 2018 till date**

**Supervisor: Students in Teaching Practice 2008 till date**

**Invigilator: GST Examinations 2008 till 2020**

**Invigilator: Uniuyo Post UME Aptitude Test 2008 - 2019**

**Member: BSc (Ed.) Chemistry Programme Review Committee 2016**

**Member: Science Education Postgraduate Review Programme 2017**

**Academic Adviser: All Chemistry Students, Dept. of Science Education 2008 - 2016**

* **Member: Faculty of Education Conference Publicity Committee 2016 – 2019**
* **Member:** Screening Committee, Uniuyo Post UME Admissions 2014 - 2018

Examination Officer BSc (Ed.) Chemistry 2008 - 2016

Welfare Officer/ Departmental Treasurer 2010 - 2016

Faculty of Education Representative at Clinical Sciences Board 2019- Date

(c) **COMMITTEE/ COMMUNITY SERVICE WITHIN THE UNIVERSITY**

* Invigilation of GST courses
* Invigilation of examinations in departments other than Science Education department
* Treasurer, Welfare Committee, Department of Science Education.
* Handling students Projects/ Seminars/ Teaching Practice
* Member: Screening Committee for New Intake into University

Member: Protocol Committee on Convocation

* **Faculty Board of Education Representative** to College of Clinical Sciences.
* **Member:** Committee of Course Structure/Allocation of Courses
* **Supervisor:** Students in Teaching Practice Exercise
* **Invigilator:**  Uniuyo Post UME Aptitude Test

(d) **NATIONAL/STATE/COMMUNITY SERVICE OUTSIDE THE UNIVERSITY**

* 1. **Guest Speaker:** Federal Government College, Ikot Obio Itong, 21st Founders’ Day Celebration/ Final Year Students Send forth (July, 2010).
  2. **Guest Speaker:** Redemption Academy, Obio Etoi, Final Year Students’ Send-forth (August, 2010).
  3. **Sunday School Superintendent:** Foursquare Gospel Church in Nigeria (District Headquarter, Uyo).
  4. **Primary School Monitoring Officer** **for SUBEB Teachers in Uyo**: Itu and Ibesikpo- Asutan LGAs, 2010.
  5. **Resource Person:** Educational and Advocacy Programmes (Africa Vision Tract House Society/Nigeria Christian Graduate Fellowship Project). Guinea Bissau. Nov. 5- 13, 2011.
  6. **Resource Person:** Training Workshop for Primary Science Teachers on Millennium Development Goals Project, Community Comprehensive College, Mkpat Enin, 2011.
  7. **Resource Person:** Primary School Teachers’ Capacity Building Workshop, Mfonabasi Nursery/Primary School, Itu , March, 2012.
  8. **Editor, STAN Magazine:** Akwa Ibom State STAN Branch 2012 - January 2017.
  9. **Resource Person:** Educational and Advocacy Programmes (Africa Vision Tract House Society/ Nigeria Christian Graduate Fellowship Project). Liberia Nov. 5-12, 2012
  10. **Resource Person:** Educational and Advocacy Programmes (Africa Vision Tract House Society/ Nigeria Christian Graduate Fellowship Project). Rwanda Nov. 2-9, 2013.
  11. **Resource Person:** Educational and Advocacy Programmes (Africa Vision Tract House Society/ Nigeria Christian Graduate Fellowship Project), Tanzania May, 12-17, 2015.
  12. **Panel Member:** on Planet Radio for Sensitization of Junior Secondary School Students on the Importance of Science Subject, 26 June, 2016.
  13. **Keynote Presenter:** 2016 Conference of School of Science, College of Education, Afaha Nsit, Akwa Ibom State on Innovative Strategies in Science, Technology, Engineering and Mathematics (STEM) Education for Sustainable Development, July 11-15, 2016.
  14. **Wellspring Love Initiative, Esit Obio, Ita Uruan, April 2015.**
  15. **Resource Person:** Pastors Network Programme in Ita Uruan Village, May 2022 till date.
  16. **Speaker at Church-**Based Conferences and Seminars 1991 till date

**RESEARCHES UNDERTAKEN WITH DATES**

**F. CONFERENCES/WORKSHOPS PRESENTED AND ATTENDED WITH DATES.**

* 1. Promoting and sustaining educational research for self reliance.

University of Nigeria, Nsukka Enugu Campus, 6th August, 2008.

* 1. Retraining science teachers for peaceful coexistence:

A challenge for integrating citizenship education inn science

curriculum. Nigerian Educational Research Development

council (NERDC). Sheda, Abuja, 18th Sept. 2008.

* 1. Challenges and prospects of assessment practices in senior

secondary school science curriculum. Curriculum Organisation

of Nigeria (CON), Calabar Conference, University of Calabar. 13th Feb. 2009.

* 1. Scientific models and students’ performance in senior secondary

school chemistry. Nigeria Association for Educational Media

and Technology (NAEMT). State Chapter Workshop, Akwa Ibom

State Polytechnic, Ikot Osurua, Ikot Ekpene. 29th April 2009.

* 1. Integrating socio-cultural resources in chemistry teaching:

Implication for value-orientation. University of Ibadan, Ibadan. 19th May, 2009.

* 1. Teachers’ utilization of ICT learning resources: Accessing quality

primary education. 6th annual National Conference of Primary and

Tertiary Teacher Education Association of Nigeria (PATTEAN)

College of Education. Afaha Nsit. 27th-31st July, 2009.

* 1. Integrating entrepreneurial skills into classroom chemistry

teaching: Implication for national development. Science Teachers

Association of Nigeria, 50th Annual Conference at UK Bello Arts

Theatre, Minna, on Wednesday, 24th–29th Aug. 2009.

* 1. Emerging issues on implementation of national policy on education

and ICTs integration in science education: Nigeria Association for

Educational Media and Technology (NAEMT) College of Education,

Afaha Nsit, Akwa Ibom State. 5th – 9th Oct. 2009.

* 1. Effects of instructional strategies and students’ variables on

their cognition of world economic meltdown. Science

Teachers Association of Nigeria, 51st Annual conference,

Makurdi, Benue State, 24th-29th Aug. 2010.

* 1. Curriculum Innovativeness in science-technology content and

teachers’ adaptation in Nigeria. Curriculum Organization of

Nigeria. 23rd Annual Conference, Abakaliki, Ebonyi State, 15th–18th Sept. 2010.

* 1. Status of science and technology curricula towards National

Education Reforms. Science Teachers Association of Nigeria,

51st Annual Conference at St. Joseph’s College, Akure,

Ondo State, 15th-19th Aug. 2011.

* 1. Overschooling and students’ study skill factors in Junior Secondary

School Basic Science. 1st Annualconference of the Faculty of

Education, University of Uyo Community Centre, Uyo. 10th-14th Oct. 2011.

13 \*The Extent of Awareness of Research-Based STEM Literacy

Programme among Nigerian Teachers. 3rd International

Conference of STEM Education, British Columbia University,

Vancouver, Canada, July 12-16th (2014).

14.  **Etiubon, R. U.** and Okopide, Anyanime Akpan (**2015**). Utilizing

Research Findings jn Science Education Curriculum for Teachers’

Creative Skills. In Zephrinus, C. Njoku (Ed.). STAN 56th Annual

Conference: Towards Effective Application of STEM Education

Research (pp. 291- 298). HEBN Publishers Plc, Ibadan.

1. **WORKSHOPS ATTENDED WITH DATES**
2. Linking the teaching of cyanides to learners’ day-to-day chemistry activities. Paper presented at Science Teacher Association of Nigeria (STAN) Chemistry Panel Workshop, Girls’ Secondary School, Umuahia, Abia State, March 4-8.
3. Enhancing the Teaching of Simple machines using Problem-based learning Approach in Primary Science Curriculum using day-to-day activities. Paper presented at the Science Teacher Association of Nigeria (STAN) Primary Science Panel Workshop. Adiahaobong Secondary School, Uyo, May 20-24.
4. Scientific models and students’ performance in senior secondary school chemistry. Paper presented at the Nigeria Association for Educational Media and Technology (NAEMT). State Chapter Workshop, Akwa Ibom State Polytechnic, Ikot Osurua, Ikot Ekpene. April 27-30.
5. Effective use of problem-based learning in the teaching of electrolysis. Paper presented at the Science Teacher Association of Nigeria (STAN) Chemistry Panel Workshop, Loyola College, Abuja, March 17-21.
6. Activity-based teaching on states of matter. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Alvan Ikoku Federal College of Education, Owerri, Imo State, 19-25th June, 2011.
7. Problem-Based Learning Approach for Teaching Electrovalent, Covalent and Coordinate Covalent Combinations in SS Chemistry. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Education Resource Centre, Minna, Niger State, 6-12th May, 2012.
8. Simplifying Atom-Mass-Mole Relationship in Elements and Compounds. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Community Education Resource Centre, Akure, Ondo State, 19-25th May, 2013.
9. \* Indo-American Education Summit & Expo. Educational Excellence Without Borders. The Indus Foundation. Hyderabad, India, pp. 162.
10. Coal as a resource for teaching the chemistry of Carbon. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Lagos Technical College, Lagos State, 16-19 May, 2014.
11. \* 3rd International Conference of STEM Education, British Columbia University, Vancouver, Canada, July 12-16th.
12. Coal as a resource for teaching the chemistry of Carbon. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Katsina State Science and Technical Education Board, Govt Science Sec. Sch, Faskari, Katsina State, 17th-23rd May, 2015.
13. Simplifying the teaching of Paper Chromatography using Engagement Strategy. Paper presented at the Science Teachers Association of Nigeria. Chemistry Workshop Panel Series, Workshop Series 12: Nature of Matter and Separation Techniques: A Handbook for Chemistry Teachers (pp.64-66). Abuja.
14. Flipped classroom as an effective method for teaching valency of elements and chemical formula of compounds. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Community Secondary School, Aka Offot, Akwa Ibom State, 21st-27th May, 2017.
15. ICASE STEM World Conference in Thailand, 3rd -10th December, 2019.
16. **MEMBERSHIP OF PROFESSIONAL BODIES**
17. Science Teachers Association of Nigeria (STAN)
18. Curriculum Organisation of Nigeria (CON)
19. Small Grants Programme for Educational Research Network for West and Central Africa (ERNWACA)
20. Educational Media and Technology Association of Nigeria (NAEMT)
21. Primary and Tertiary Teacher Education Association of Nigeria (PATTEAN)
22. National Association for the Advancement of knowledge (NAFAK)
23. Organization for Women in Science for the Developing World (OWSDW-UUB). 2012 till date
24. Research Gate – Online Forum of Academic Researchers 2018
25. Teachers Registration Council of Nigeria (TRCN), 2007
26. Association for Promoting African Girls in Engineering, Science and Technology Education (APAGESTE) 2010 till date.

**E**. **PUBLICATIONS**

1. **THESIS/DISSERTATIONS**
2. **Etiubon, R. U.** (2009). Class groupings and students’ performances in electrolysis. Ph.D Thesis. University of Uyo, Uyo.
3. **Etiubon, R. U.** (1990). Evaluation of Phosphate Adsorption Models On Mambilla Plateau Soils. University of Ibadan, Ibadan. M.Sc (Analytical Chemistry).
4. **Etiubon, R. U.** (1986). The synthesis and effect of organophenoxy herbicides on plants. University of Calabar, Calabar. B.Sc (Hons) Chemistry.
5. **Etiubon, R. U.** (2002). Educational Facilitators and Examination Malpractice In Secondary Schools In Calabar Municipality. University of Calabar, Calabar. PGDE.

**(b) JOURNAL ARTICLES AFTER APPOINTMENT**

1. **Etiubon**, R. U. (2007). Effects of teaching resources and attitude of students’ achievement in chemistry. *Journal of Research in Education,* 4 (2), 1-7.
2. **Etiubon**, R. U. & Umoinyang, I. E. (2007). Educational facilitators and examination malpractice in secondary schools in Calabar Municipality. *Journal of Research in Education,* 4 (1), 6-11.
3. **Etiubon**, R. U. (2007). Availability of solid mineral resources and industrial utilisation in Nigeria. *Journal of Industrial Research*, 5 (1), 1-7.
4. **Etiubon, R. U.** and Udo, M. E. (2007). Class groupings and students’ performances in electrolysis using problem-based learning approach. *Nigerian Journal of Science and Science Education,*8 (1),83-90.
5. **Etiubon, R. U.** and Etiubon, P.E. (2007). Causes and Consequences of violence among youths in Calabar South Local Government Area of Cross River State. *Ife Journal Of Educational Studies, 13 (1), 79-85.*
6. Ntino, M. I. and **Etiubon, R. U.** (2008). Influence of self-presentation and socio- economic status on health- risky behaviour among selected students in Cross River State, Nigeria. *Ife Journal Of Theory And Research In Education*, 11 (1&2), 26-32.
7. **Etiubon, R. U.** and Udofia, T. M (2009). Promoting and sustaining educational research for self-reliance. *International Journal Of Educational Research and Administration,* 6 (1), 11-14.
8. **Etiubon, R. U.** and Ugwu, A. N. (2009). Retraining science teachers for peaceful coexistence: A challenge for integrating citizenship education in science curriculum. *Journal Of Curriculum Studies,* 16 (1), 228-237.
9. **Etiubon, R. U**. (2009). Scientific models and students' performance in senior secondary school chemistry. *Journal of Educational Technology and Instruction,* 1 (1), 78-82
10. **Etiubon, R. U.** (2010). Integrating socio-cultural resources in chemistry teaching: Implication for value orientation. *Nigerian Journal of Curriculum theorists & Educational Technologists*, 1 (1), 19-32.
11. **Etiubon, R. U.** And Ugwu, A. N. (2010). Emerging issues on implementation of national policy on education and ICTs integration in science education. *Journal of Educational Media and Technology* (JEMT), 14(1), 85-88.
12. **Etiubon, R. U.** (2010). Availability of laboratory Equipment and Students’ performance in Chemistry. *Nigerian Journal of Science and Science Education, 8 (2),* 46-58.

**13. Etiubon, R. U.** and Udofia, T. M. (2010). Challenges and prospects of assessment practices in Senior Secondary School Curriculum. *Nigerian Journal of Curriculum Studies, 3 (1&2*), 172-178.

**14.** Ugwu, Anthonia N. and **Etiubon, Rebecca U.** (2010). Status of multimedia Awareness and utilization among science Teacher educators in some Universities in South Eastern Nigeria. *International Journal of Chemical, Environmental and Pharmaceutical Research*, *1 ( 3),* 155-164. (**India)**.

**JOURNAL PUBLICATIONS** **AFTER PROMOTION TO LECTURER 1**

1. Mfon Effiong Udo & **Rebecca Ufonabasi Etiubon (December, 2011**). Computer-Based Science Simulations, Guided-Discovery and Students’ Performance in Chemistry*. Journal of Canadian Center of Science and Education,* 5(6), 211-217. (**Canada)**
2. **Etiubon**, **R. U.** and Ugwu, Anthonia N. (June, 2011). Curriculum Innovativeness in science-technology content and Teacher Adaptation in Nigeria. *Nigerian Journal of* *Curriculum Studies, 18 (1),* 209-216.
3. **Etiubon, R. U.** (September, 2011). Employing technological resources to enhance students’ performance in chemistry. *Journal of Education, 4(1),* 230-240.
4. A. N. Ugwu and **R. U. Etiubon** (2011). Changing STM Curricula for the Information Age: Implication for the Teacher. *Global Journal of Educational Research,* 10(2), 93-97.
5. **Rebecca U. Etiubon** (2011). Implications of Innovative Chemistry Teaching on Students' Achievement. *Multidisciplinary Journal of Academic Excellence,* 4(1), 108-115.
6. **Etiubon, R. U.** (**2012**). Overschooling and students’ study skills in Junior Secondary School Basic Science. *Journal of Education, 5(1),* 83-91
7. **Etiubon, R. U.** and Etiubon, Paul E. (**2013**). Effective Use of ICT in Implementing Chemistry Curriculum for Entrepreneurial Skills Development. *Journal of Educational Media and Technology, 17(1), 1-9.*
8. **Etiubon, R. U. (2013).** Chemistry Curriculum Innovation for Teaching Climate Change in Senior Secondary Schools in Nigeria. *Multidisciplinary Journal of Academic Excellence,* 10 (1), 1-9.

**(ii) BOOK CHAPTERS**

23. **Etiubon**, **R. U. (2008).** Enhancing the Teaching of Simple machines using Problem-based learning Approach in Primary Science Curriculum using day-to-day activities. In N. Udofia (Ed.), Proceedings of STAN Primary Science Workshop (pp. 29-33), IMK Publishers.

24. **Etiubon**, **R.U. (2009).** Utilization of Problem-based learning approach for effective teaching of 1st Law of Thermodynamics in Senior Secondary Schools. In M. A. Olayiwola & W. S. Umoh (Ed.). STAN Chemistry Panel Series 5 : Effective Methods of Teaching Inorganic Chemistry Link: A Handbook for Chemistry Teachers (pp.9- 15). Ibadan: STAN.

25**. Etiubon**, **R. U. (2010).** Effective Use of Problem-based Learning in the Teaching of Electrolysis. In G.O. Ojokuku & E. O. Amadi (Ed.). STAN Chemistry Panel Series 6: Teaching Electrochemistry: A Handbook for Chemistry Teachers (pp.78-81). Ibadan: STAN.

26**. Etiubon**, **R. U. (2011).** Activity-based Teaching Strategy for Introductory Lessons on States of Matter. In G. O. Ojokuku; E. O. Amadi; Mfon, E. Udo & E. O. Onwukwe (Eds.). STAN Chemistry Panel Series 7: Teaching Nature of Matter & Separation Techniques: A Handbook for Chemistry Teachers (pp. 42-44). MaChin Multimedia Designers, Zaria.

27. **Etiubon**, **R. U. (2012).** Science Curriculum Innovation in Nigeria: Challenges and Prospects in the 21st Century. In Prof. Ogo Ibeneme, Prof. Bernard Alumode, Dr. Hogan Usoro (pp 320-338). West and Solomon Publishing Co. Ltd., Kano, Lagos, Warri and Onitsha.

28.  **Etiubon**, **R. U.** (**2012)**. Problem-based Learning Approach for Teaching electrovalent, covalent and coordinate covalent combinations in Senior Secondary Chemistry. In G. O. Ojokuku; E. O. Amadi; Hadiza, I. Yero & Pep M. Ibole (Eds.). STAN Chemistry Panel Series 8: Strategies for teaching particulate nature of matter and chemical combinations: A Handbook for Chemistry Teachers (pp. 67-70). MacChin Multimedia Designers, Zaria.

29. **Etiubon**, **R. U. (2013).** Simplifying atom-mass-mole relationships in elements and compounds. In G. O. Ojokuku; E. O. Amadi; Hadiza, I. Yero & N. A. Uduchukwu (Eds.). STAN Chemistry Panel Series 9: Strategies for teaching mole concept, gas laws and calculations from chemical equations: A Handbook for Chemistry Teachers (pp. 29-31). MacChin Multimedia Designers, Zaria.

**(iii) CONFERENCE PROCEEDINGS**

30**. Etiubon, R. U.** **(2009).** Integrating entrepreneurial skills into classroom chemistry teaching: Implication for National Development. In Nsikak-Abasi Udofia (Ed.). STAN 50th Annual Conference Proceedings : Developing Entrepreneurial Skills Through Science, Technology And Mathematics STM Education (pp.187-190). HEBN Publishers Plc.

31. **Etiubon, R. U.** **(2010).** Effects of Instructional Strategies and Students’ Variables on their Cognition of World Economic Meltdown. In Nsikak-Abasi Udofia (Ed.). STAN 51st Annual Conference Proceedings: STEM Education and Global Economic Crisis (pp.413-419). HEBN Publishers Plc.

32**. Etiubon, R. U.,** Ugwu, Anthonia N. and Ofuebe, J. I. **(2011).** Status of Science and Technology Curricula Towards National Education Reforms. In Okechukwu, S. Abonyi (Ed.). STAN 52nd Annual Conference: Reforms in STEM Education (pp.48-53). HEBN Publishers Plc.

33. **Etiubon, R. U.** and Etiubon, Paul E. (**2012)**. Utilization of ICT Resources as a Challenge to UBE Implementation in Upper Basic Education Level. In Okechukwu, S. Abonyi (Ed.). STAN 53rd Annual Conference: Meeting the Challenges of UBE through STM Education (pp. 105-111). HEBN Publishers Plc, Ibadan.

34. **Etiubon, R. U.** and Udeme, Isaac Udofia (**2013**). Human Capacity Development in STEM Education for attaining MDGs: A Case Study of University of Uyo, Nigeria. In Okechukwu, S. Abonyi (Ed.). STAN 54th Annual Conference: Attaining the MDGs through STEM education (pp. 42-47). HEBN Publishers Plc. Ibadan.

35. **Etiubon, R.U. (2014).** The Extent of Awareness of Research-Based STEM Literacy Programme among Nigerian Teachers. 3rd International Conference of STEM Education, British Columbia University, Vancouver, Canada, 59.

**(C). JOURNAL PUBLICATIONS AFTER LAST PROMOTION TO SENIOR LECTURER**

**(i). JOURNAL ARTICLES**

36. **Etiubon, R. U. (November, 2014).** Activity-Based Teaching Strategy and Students’ Achievement on the Concept of Chemical Kinetics in Senior Secondary Schools Chemistry. *Journal of Research and Development in Education,* 5(1), 59-66. 42.

37. Stella N. Nwosu, **Rebecca U. Etiubon &** Theresa M. Udofia ( August, **2014)**. Tackling inhibitions to careers in science and technology through Differentiated mentoring Approach. *International Education Studies,* 7(8), 124-133. (**Canada**)

38. **Etiubon, R. U.** & Benson, Rose Friday (**2014**). TeacherQualification and experience as Determinants of Quality Chemistry Education in Nigeria. *Journal of Education and Practice*, 5 (24), 124-131. (**United Kingdom**)

39. Ugwu, Anthonia N. and **Etiubon, R. U.** **(2015).** Difficulties Encountered by Undergraduates Science Education Students in Introductory Part of Research Writing: A Case Study of University of Uyo. *NOUN Journal of Education,* 2(1), 113-118.

**40. Etiubon, R. U. (2015).** Teachers’ Resourcefulness on e-Education Instructional Tools and Chemistry Achievement Among University of Uyo Students. *American Association for Science and Technology Journal of Education,* 1(3), 38-44. (**USA**)

41**. \*Etiubon, R. U. (2016).** Instructional Strategies and Chemistry Students’ Variables on Cognition of World Economic Meltdown. *American Association for Science and Technology Journal of Education,* 2(2), 12-17. (**USA)**

42. **Rebecca U. Etiubon and Ugwu, A. N. (2016).** Problem-Based Learning and Students' Academic Achievement on Thermodynamics (A case study of University of Uyo, Akwa Ibom State, Nigeria). IOSR *Journal of Research and Method in Education,* 6 (5), 36-41. (**Australia**)

43. **Etiubon, Rebecca Ufonabasi** and Nwosu, Stella Ngozi (November, **2016**). Preparing Nigerian School Leavers for Entrepreneurial Development through Indigenous Science Skills. *Journal of Education and Social Policy,* 3(5), 53-60. (**USA)**

44. Udoh, N. M. **and Etiubon, R. U.** **(2016).** Effects of Iconic models and Charts on science students' academic performance in Uyo Municipality. J*ournal of Research and Development in Education, 6 (1), 83-92.*

**JOURNAL PUBLICATIONS AFTER LAST ASSESSMENT FOR PROMOTION TO ASSOCIATE PROFESSOR**

45. **Rebecca U. Etiubon** and Nsimeneabasi Michael Udoh (**2017**). Effects of Practical Activities and Manual on Science Students' Academic Performance on Solubility in Uruan Local Education Authority of Akwa Ibom State.  *Journal of Education and Practice*, 8(3), 202-209. (**United Kingdom)**

46.  **Etiubon, R. U.** and Akpan, A. O. (**2017**). Science Teachers' Perception of ICT Capacity Building Workshop in Akwa Ibom State Secondary Schools, Nigeria. *African Research Review*, *International Multidisciplinary Journal,* 11(2), 201-215. (**Ethiopia)**

**47. Rebecca U. Etiubon.,** Anyanime, O. Akpan and Idongesit, N. Udosen **(2018).** Socio-economic Empowerment of Senior Secondary Science Students in Nigeria and STEM Teachers' Preparedness. *Research Journal of Education*, 4 (11), 204-211. **(United Kingdom)**

48. **Etiubon, R. U.,** Ugwu, A. N. and Ado, I. B. **(2018).** Career Choice Determinants and Academic Achievement of First Year Science Education Students of University of Uyo, Akwa Ibom State, Nigeria. *International Journal for Innovation Education and Research,* 6(7), 136-147. **(Australia)**

49. **Rebecca U. Etiubon** and Anthonia N. Ugwu ( **2018**). Effects of Peer-tutoring and Jigsaw Strategies on Chemistry Students' Achievement in the Concept of Paper Chromatography. *International Journal of Education and Research,* 6(9), 35-46. **(USA)**

50. Agnes, Usendia., **Rebecca U. Etiubon.,** and Grace Ime Effiong **(2019).** Utilizing Science Process Skills Acquisition for Nigeria's Socio-Economic Development, *Journal of Education,* 11(2), 102-106. 38.

51. **Rebecca U. Etiubon.,** Aniefiok Edet and Godwin, Akaninyene Amos **(Sept, 2019).** Effects of Cartoons and Graphics as Teaching Resources on Academic Achievement of Science Students in Diffusion in Uyo Local Government Area. *Nigerian Journal of Science and Science Education,* 8 (3), 68-84.

52**. Etiubon, Rebecca Ufonabasi** and Udoh, Nsimene Michael (**2020**). Availability and Utilization of Laboratory Facilities for Teaching Carbohydrates in Senior Secondary Schools in Uyo Education Zone, Akwa Ibom State. *International Journal of Education and Research,* 8 (5), 91-104.

53. **Etiubon, R. U.,** Okopide, A. A., and Udoh, N. M. (**2021**). Enhancing Retention of Water Pollution using Computer tutorials and Drill-Practice Among First Year Science Education Students of University of Uyo, Nigeria*. European Modern Studies Journal,* 5 (3), 139-152. **(Kyiv)**

54. **Etiubon, R. U.,** Andikara, H. Etiubon., and I. W. Akpan (**2021**). Computer Tutorials and Drill-Practice Strategies on Senior Science Students' Academic Achievement on Energy Transformation in Nature, Uyo, Nigeria. *International Journal for Innovation Education and Research,* 9 (7), 387-401. **(Australia)**

55. Stella N. Nwosu., **Rebecca U. Etiubon** and Ijeoma B. Ofem **(2022).** Effect of the Activity-Based Learning on Basic Science and Technology Students’ Non-Cognitive Skills in South-South Nigeria. *European Journal of Education and Pedagogy,* 3 (5), 67- 74**. (Ukraine)**

56. Umanah, F. I. and **Rebecca U. Etiubon** (**2022**). Effects of Roundrobin and Jigsaw Cooperative Learning Strategies on Chemistry Students’ Academic Achievement on Hydrocarbons in Senior Secondary Schools, Uyo, Akwa Ibom State – Nigeria. *African Journal of Educational Assessors 9 (1),* 41 – 56.

**BOOK (S)/ BOOK CHAPTER(S)**

57.  **Etiubon, R. U. (2015).** Effective teaching of Sodium Metal using Concept Mapping Method. In P. Ibole, M. A. C. Enedoh, E. T. Owoyemi & F. E. Opara (Eds.). STAN Chemistry Panel Series 11: Metals and their Compounds: A Handbook for Chemistry Teachers (pp.64-66). Ibadan : STAN.

58. **Etiubon, R. U. (2016).** Simplifying the teaching of Paper Chromatography using Engagement Strategy. In P. Ibole, M. A. C. Enedoh, E. T. Owoyemi & E. I. Igboegwu (Eds.). STAN Chemistry Panel Workshop Series 12: Nature of Matter and Separation Techniques: A Handbook for Chemistry Teachers (pp.64-66). Abuja: STANPlace.

59. **Rebecca U. Etiubon** and Ifang, Kingsley Okon(**2017).** Flipped classroom as an effective method for teaching valency of elements and chemical formula of compounds. In P. Ibole, M. A. C. Enedoh, E. T. Owoyemi & E. I. Igboegwu (Eds.). STAN Chemistry Panel Workshop Series 13: Chemical Combination and Chemical Reactions: A Handbook for Chemistry Teachers (pp. 19-21). Abuja: STANPlace.

60**. Etiubon, R. U.** (**2017**). The Role of Information Communication Technologies (ICTs) in promoting capacity building and skills development of chemistry teachers. In M. T. Joshua, P. N. Asuquo, J. S. Petters. Education for Careers in the 21st Century (A Festschrift in Honour of Professor Daniel I. Denga). University of Calabar Press, Calabar, Nigeria. pp.520-533.

61. **Etiubon, R. U. (2018**). Educational Development in Nigeria: Topical Issues in Contemporary Nigeria. In U. Harrison (Ed.). Nucleusmark Development Institute, Uyo, Nigeria. pp. 100- 118.

62.  **Rebecca U. Etiubon (2018).** The Role of School Personnel in Quality Provision and Safety Management of Science Laboratory Facilities. In Eno Etudor-Eyo, Comfort Robert Etor, Princewill Ikechukwu Egwuasi and Christiana Isaac Emediongokon (A Festschrift in Honour of Prof. (Mrs.) Grace Koko Etuk). Academic Research Network International Publishers. pp.76- 87.

**CONFERENCE PROCEEDINGS**

63. **Etiubon, R. U.,** Ugwu, A. N. & Ado, I. B. **( November, 2014).** Determinants of Science Education Students’ Career Choice and their Academic Achievement: A case study of the University of Uyo. Proceedings of the 29th Congress of the Nigerian Academy of Education. In Bolarin, T.A . and Obinaju, Q. (Eds.). The Nigerian Academy of Science, Toptune Educational Publishers, Lagos.

64. **Etiubon, R. U.** and Okopide, Anyanime Akpan (**2015**). Utilizing Research Findings in Science Education Curriculum for Teachers’ Creative Skills. In Zephrinus, C. Njoku (Ed.). STAN 56th Annual Conference: Towards Effective Application of STEM Education Research (pp. 291- 298). HEBN Publishers Plc, Ibadan.

**65. Etiubon, R. U. and Akpan, A. O. (2019). 21st Century Skills and Undergraduate Students’ Preparedness for Lifelong Learning in Science Education,** ICASE STEM World Conference, Thailand, 3rd -10th December, 2019.

1. **WORKSHOPS ATTENDED WITH DATES**
2. Etiubon, R. U. (2008). Linking the teaching of cyanides to learners’ day-to-day chemistry activities. Paper presented at Science Teacher Association of Nigeria (STAN) Chemistry Panel Workshop, Girls’ Secondary School, Umuahia, Abia State, March 4-8.
3. Etiubon, R. U. (2008). Enhancing the Teaching of Simple machines using Problem-based learning Approach in Primary Science Curriculum using day-to-day activities. Paper presented at the Science Teacher Association of Nigeria (STAN) Primary Science Panel Workshop. Adiahaobong Secondary School, Uyo, May 20-24.
4. Etiubon, R. U. (2009). Scientific models and students’ performance in senior secondary school chemistry. Paper presented at the Nigeria Association for Educational Media and Technology (NAEMT). State Chapter Workshop, Akwa Ibom State Polytechnic, Ikot Osurua, Ikot Ekpene. April 27-30.
5. Etiubon, R. U. (2010). Effective use of problem-based learning in the teaching of electrolysis. Paper presented at the Science Teacher Association of Nigeria (STAN) Chemistry Panel Workshop, Loyola College, Abuja, March 17-21.
6. Etiubon, R. U. (2011). Activity-based teaching on states of matter. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Alvan Ikoku Federal College of Education, Owerri, Imo State, 19-25th June, 2011.
7. Etiubon, R. U. (2012). Problem-Based Learning Approach for Teaching Electrovalent, Covalent and Coordinate Covalent Combinations in SS Chemistry. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Education Resource Centre, Minna, Niger State, 6-12th May, 2012.
8. Etiubon, R. U. (2013). Simplifying Atom-Mass-Mole Relationship in Elements and Compounds. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Community Education Resource Centre, Akure, Ondo State, 19-25th May, 2013.
9. \*Etiubon, R. U. (2013). Indo-American Education Summit & Expo. Educational Excellence Without Borders. The Indus Foundation. Hyderabad, India, pp. 162.

Etiubon, R. U. & Ugwu, A. N. (2014). Coal as a resource for teaching the chemistry of Carbon. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Lagos Technical College, Lagos State, 16-19 May, 2014.

9. \*Etiubon, R. U. (2014) 3rd International Conference of STEM Education, British Columbia University, Vancouver, Canada, July 12-16th.

10. Etiubon, R. U. (2015). Coal as a resource for teaching the chemistry of Carbon. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Katsina State Science and Technical Education Board, Govt Science Sec. Sch, Faskari, Katsina State, 17th-23rd May, 2015.

11. Etiubon, R. U.(2016**).** Simplifying the teaching of Paper Chromatography using Engagement Strategy. Paper presented at the Science Teachers Association of Nigeria. Chemistry Workshop Panel Series, Workshop Series 12: Nature of Matter and Separation Techniques: A Handbook for Chemistry Teachers (pp.64-66). Abuja.

12. Rebecca U. Etiubonand Ifang, Kingsley Okon(2017**).** Flipped classroom as an effective method for teaching valency of elements and chemical formula of compounds. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Community Secondary School, Aka Offot, Akwa Ibom State, 21st-27th May, 2017.

\*13. Rebecca U. Etiubon and Okopide, A. Akpan (2019). Thailand…….

**HOBBIES:** Reading, Writing, Travelling, Gardening and Sporting.

(0802 7068 894)

**REFEREES**

1. Prof. F. A. Onwioduokit

Science Education Department

University of Uyo, Uyo.

2. Dr. G. A. Ikitde

Science Education Department

University of Uyo, Uyo.

3. Prof. Imaobong Akpan

Dean, Faculty of Education, University of Uyo, Uyo

**A. ANY OTHER RELEVANT INFORMATION**

**Phone No. 0802 706 8894**

**B. ............................................... .....................................**

**SIGNATURE DATE**

0

**FOREIGN ARTICLES**

**56.** **Rebecca U. Etiubon.,** Anyanime, O. Akpan and Idongesit, N. Udosen **(2018).** Socio-economic Empowerment of Senior Secondary Science Students in Nigeria and STEM Teachers' Preparedness. *Research Journal of Education*, 4 (11), 204-211. **(United Kingdom)**

57. **Etiubon, R. U., Ugwu, A. N. and Ado, I. B.** **(2018).** Career Choice Determinants and Academic Achievement of First Year Science Education Students of University of Uyo, Akwa Ibom State, Nigeria. *International Journal for Innovation Education and Research,* 6(7), 136-147. **(Australia)**

58. **Rebecca U. Etiubon** and Anthonia N. Ugwu ( **2018**). Effects of Peer-tutoring and Jigsaw Strategies on Chemistry Students' Achievement in the Concept of Paper Chromatography. *International Journal of Education and Research,* 6(9), 35-46. **(USA)**

59**. Etiubon, Rebecca Ufonabasi** and Udoh, Nsimene Michael (**2020**). Availability and Utilization of Laboratory Facilities for Teaching Carbohydrates in Senior Secondary Schools in Uyo Education Zone, Akwa Ibom State. *International Journal of Education and Research,* 8 (5), 91-104.

60. **Etiubon, R. U.,** Okopide, A. A., and Udoh, N. M. (**2021**). Enhancing Retention of Water Pollution using Computer tutorials and Drill-Practice Among First Year Science Education Students of University of Uyo, Nigeria*. European Modern Studies Journal,* 5 (3), 139-152. **(Kyiv)**

61. **Etiubon, R. U.,** Andikara, H. Etiubon., and I. W. Akpan (**2021**). Computer Tutorials and Drill-Practice Strategies on Senior Science Students' Academic Achievement on Energy Transformation in Nature, Uyo, Nigeria. *International Journal for Innovation Education and Research,* 9 (7), 387-401. **(Australia)**

62. **Rebecca U. Etiubon.,** Andikara H. Etiubon., and Ifang, Kingsley Okon **(2022**). Teacher Self-Regulatory Skills and Science Students’ Practical Achievement on Rate of Chemical Reaction in Senior Secondary School, Uyo, Nigeria. *European Journal of Education and Pedagogy,* 3 (3), 233-241. **(Ukraine)**

63. Stella N. Nwosu., **Rebecca U. Etiubon** and Ijeoma B. Ofem **(2022).** Effect of the Activity-Based Learning on Basic Science and Technology Students’ Non-Cognitive Skills in South-South Nigeria. *European Journal of Education and Pedagogy,* 3 (5), 67- 74**. (Ukraine) FOREIGN ARTICLES**

40. \*Ugwu, Anthonia N. and **Etiubon, Rebecca U.** (2010). Status of multimedia Awareness and utilization among science Teacher educators in some Universities in South Eastern Nigeria. *International Journal of Chemical, Environmental and Pharmaceutical Research*, *1 ( 3),* 155-164. (**India)**.

41. \* Mfon Effiong Udo & **Rebecca Ufonabasi Etiubon (December, 2011**). Computer-Based Science Simulations, Guided-Discovery and Students’ Performance in Chemistry*. Journal of Canadian Center of Science and Education,* 5(6), 211-217. (**Canada)**

42. \*Stella N. Nwosu, **Rebecca U. Etiubon &** Theresa M. Udofia ( August, **2014)**. Tackling inhibitions to careers in science and technology through Differentiated mentoring Approach. *International Education Studies,* 7(8), 124-133. (**Canada**)

43. \***Etiubon, R. U.** & Benson, Rose Friday (**2014**). TeacherQualification and experience as Determinants of Quality Chemistry Education in Nigeria. *Journal of Education and Practice*, 5 (24), 124-131. (**United Kingdom**)

44. **\*Etiubon, R. U. (2015).** Teachers’ Resourcefulness on e-Education Instructional Tools and Chemistry Achievement Among University of Uyo Students. *American Association for Science and Technology Journal of Education,* 1(3), 38-44. (**USA**)

45**. \*Etiubon, R. U. (2016).** Instructional Strategies and Chemistry Students’ Variables on Cognition of World Economic Meltdown. *American Association for Science and Technology Journal of Education,* 2(2), 12-17. (**USA)**

46. \***Rebecca U. Etiubon and Ugwu, A. N. (2016).** Problem-Based Learning and Students' Academic Achievement on Thermodynamics (A case study of University of Uyo, Akwa Ibom State, Nigeria). IOSR *Journal of Research and Method in Education,* 6 (5), 36-41. (**Australia**)

47. **\*Etiubon, Rebecca Ufonabasi** and Nwosu, Stella Ngozi (November, **2016**). Preparing Nigerian School Leavers for Entrepreneurial Development through Indigenous Science Skills. *Journal of Education and Social Policy,* 3(5), 53-60. (**USA)**

48. \***Rebecca U. Etiubon** and Nsimeneabasi Michael Udoh (**2017**). Effects of Practical Activities and Manual on Science Students' Academic Performance on Solubility in Uruan Local Education Authority of Akwa Ibom State.  *Journal of Education and Practice*, 8(3), 202-209. (**United Kingdom)**

49. **\* Etiubon, R. U.** and Akpan, A. O. (**2017**). Science Teachers' Perception of ICT Capacity Building Workshop in Akwa Ibom State Secondary Schools, Nigeria. *African Research Review*, *International Multidisciplinary Journal,* 11(2), 201-215. ( **Ethiopia)**